



**National Commercial Bank Jamaica Limited**

**Financial Statements  
September 30, 2016**

# National Commercial Bank Jamaica Limited

Index

September 30, 2016

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	<b>Page</b>
<b>Independent Auditor's Report to the Members</b>	
<b>Financial Statements</b>	
Consolidated income statement	1
Consolidated statement of comprehensive income	2
Consolidated statement of financial position	3 – 4
Consolidated statement of changes in equity	5
Consolidated statement of cash flows	6
Income statement	7
Statement of comprehensive income	8
Statement of financial position	9 – 10
Statement of changes in equity	11
Statement of cash flows	12
Notes to the financial statements	13 – 141

## *Independent auditor's report*

To the Members of National Commercial Bank Jamaica Limited

### *Report on the audit of the consolidated and stand-alone financial statements*

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#### *Our opinion*

In our opinion, the consolidated financial statements and the stand-alone financial statements give a true and fair view of the consolidated financial position of National Commercial Bank Jamaica Limited (the "Bank") and its subsidiaries (together 'the Group') and the stand-alone financial position of the Bank as at September 30, 2016, and of their consolidated and stand-alone financial performance and their consolidated and stand-alone cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRS) and the requirements of the Jamaican Companies Act.

#### **What we have audited**

National Commercial Bank Jamaica Limited's consolidated and stand-alone financial statements, which comprise:

- The consolidated and stand-alone statement of financial position as at September 30, 2016;
- The consolidated and stand-alone income statement and statement of comprehensive income for the year then ended;
- The consolidated and stand-alone statement of changes in equity for the year ended;
- The consolidated and stand-alone statement of cash flows for the year then ended; and
- The notes to the financial statements, which include a summary of significant accounting policies.

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#### *Basis for opinion*

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report.

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

#### **Independence**

We are independent of the Group and the Bank in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (IESBA Code). We have fulfilled our other ethical responsibilities in accordance with the IESBA Code.

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## **Our audit approach**

### **Audit scope**

We designed our audit by determining materiality and assessing the risks of material misstatement in the financial statements. In particular, we considered where management made subjective judgements, for example, in respect of significant accounting estimates that involved making assumptions and considering future events that are inherently uncertain. As in all of our audits, we also addressed the risk of management override of internal controls, including among other matters for consideration of whether there was evidence of bias that represented a risk of material misstatement due to fraud.

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### **Key audit matters**

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated and stand-alone financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements and stand-alone financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

<b>Key audit matter</b>	<b>How our audit addressed the Key audit matter</b>
<p><b><i>Impairment losses on loans and advances to customers</i></b></p> <p><i>See notes 2 (j) and 22 to the financial statements for management's disclosures of related accounting policies, judgements and estimates.</i></p> <p>As at September 30, 2016, loans and advances, net of provision for credit losses represented \$189 billion or 31% of total assets of the Group, and \$214 billion or 48% of the total assets of the Bank. Impairment provisions of \$3.78 billion and \$3.74 billion have been recognised for the Group and the Bank, respectively.</p> <p>We focused on the impairment assessment as the assumptions used for estimating both the amount and timing of future cash flows are complex and involve significant judgment by management, including:</p> <ul style="list-style-type: none"><li>▪ Classification of loans as impaired: we focused on the completeness of the customer accounts that are included in the impairment assessment.</li><li>▪ Valuation of real estate property pledged as collateral: this is the most significant repayment source for impaired retail and impaired commercial loans. The estimation of collateral values is impacted by market trends as well as the circumstances of the specific property and involves judgment and specialised skills.</li></ul>	<p>We assessed and tested the design and operating effectiveness of the controls over impairment data and calculations. These controls included those over identification of which loans and advances were impaired. We determined we could rely on these controls for the purposes of our audit.</p> <p>We challenged management's process by examining a sample of loans and advances which had not been identified by management as potentially impaired and formed our own judgement as to whether that was appropriate.</p> <p>The criteria we used to determine if there is objective evidence of impairment included:</p> <ul style="list-style-type: none"><li>• Significant financial difficulty of the borrower;</li><li>• Default or delinquency in interest or principal payments;</li><li>• Concessions granted to a borrower that would not otherwise be considered due to the borrower's financial difficulty;</li></ul>



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## Key audit matter

## How our audit addressed the Key audit matter

- The key assumptions and judgments made by management when calculating the provision for individually impaired loans. Key assumptions and judgments include the estimated costs to sell the collateral, time to liquidate the pledged collateral and the amount and timing of collection of cash flows from other sources than pledged collateral.
  - The probability that the borrower will enter bankruptcy or other financial reorganization; or
  - Observable market data indicating that there is a measurable decrease in the estimated future cash flows from the loan portfolio since the initial recognition of the loans.

Based on the testing, no adjustments were considered necessary.

Where impairment had been identified, we inspected the forecasts of future cash flows prepared by management to support the calculation of the impairment, challenging the assumptions and comparing estimates to external evidence where available. Management uses valuation experts to support their estimate of future cash flows from the asset, including realisation of the collateral held. Using a risk based approach, we engaged specialists to perform independent valuations of commercial and residential properties held as collateral. Based on the testing results, no adjustments were considered necessary.

We tested the completeness of management's listing of potentially impaired loans by reperforming the process using management's impairment criterion. No differences noted.

Where an impairment provision had been identified by management based on an expected default rate against performing loans by sector, we evaluated the default rate model and compared inputs to relevant data including historical loss experience for loans with similar risk characteristics. We also checked the calculations for mathematical accuracy, noting no exceptions.

We evaluated the performance of the loan portfolio subsequent to the end of the reporting period to identify significant adjusting subsequent events and did not identify any such events.

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Key audit matter	How our audit addressed the Key audit matter
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**Valuation of investments classified as fair value through profit or loss, available-for-sale and loans and receivable, and pledged assets.**

*See notes 2(k), 20, 23 and 24 to the financial statements for management’s disclosures of related accounting policies, judgements and estimates.*

As at 30 September 2016, investments classified as investment securities at fair value through profit or loss, available-for-sale and loans and receivable, and pledged assets together account for \$277 billion or 46% of total assets of the Group and \$132 billion or 30% for the Bank.

For some of the investments, an active market exists, from which quoted prices can be obtained. For others, management uses valuation techniques, which utilise inputs such as the investment cash flow details and a market yield obtained from established yield curves. The magnitude of this balance, the complexity of the models used, the use of management assumptions, and the potential for misstatement from the use of inappropriate yields from the yield curves caused us to focus on this balance.

For investments for which quoted prices were available, we compared prices used by management to independent pricing sources. No exceptions identified.

For investments which were valued using a valuation technique we assessed management’s valuation of individual investment holdings by comparing investment cash flow details and yields to independent pricing and data sources, including externally independently developed yield curves. We challenged management’s assumptions in relation to the timing and amounts of cash flows in relation to the investments by considering any history of default or indicators to suggest that there may be variations to the contractual cash flows expected.

We recalculated the carrying value, and amounts disclosed for the fair value of the Group’s and Bank’s investments for mathematical accuracy and noted no exceptions.

Based on the testing, no adjustments were considered necessary.

**Valuation of incurred but not reported claims for property & casualty contracts**

*See notes 2(t) and 35 to the consolidated financial statements for management’s disclosures of related accounting policies, judgements and estimates.*

As at 30 September 2016, total incurred but not reported reserves account for \$1.7 billion or 0.3% of total liabilities of the Group.

The methodologies and assumptions utilized to develop incurred but not reported reserves involves a significant degree of judgement.

We assessed and tested the design and operating effectiveness of the controls including key data reconciliations and management’s review of the estimates. We determined we could rely on these controls for the purposes of our audit.

Key audit matter	How our audit addressed the Key audit matter
<p>The liabilities are based on the best-estimate ultimate cost of all claims incurred but not settled at a given date, whether reported or not, together with the related claims handling costs. There is generally less information available in relation to these claims, which can result in variability between initial estimates and final settlement. A range of methods, may be used to determine these provisions.</p> <p>We focused on this area because, underlying these methods are a number of explicit and implicit assumptions relating to the expected settlement amount and settlement patterns of claims and are subject to complex calculations.</p>	<p>We tested the completeness, accuracy and reliability of the underlying data utilized by management, and their external actuarial experts to support the actuarial valuation. Our tests did not identify any exceptions.</p> <p>We were assisted by actuarial specialists who performed a review of the actuarial valuation done by the Group's actuary. In reviewing the valuation, the actuarial specialist challenged the assumptions used by management and assessed the methodologies used for appropriateness and consistency with established actuarial practice and methodologies used in the prior year.</p> <p>The assumptions used by management were found to be reasonable and the methodologies applied appropriate in the circumstance.</p>
<p><b>Methodologies and assumptions used for determining insurance contract liabilities for life insurance and annuity insurance contracts</b></p> <p><i>See notes 2(t) and 35 to the consolidated financial statements for management's disclosures of related accounting policies, judgements and estimates.</i></p> <p>As at 30 September 2015, total reserves for life insurance and annuity contracts account for \$2.9 billion or 0.6% of the total liabilities of the Group.</p> <p>We focused on this area because the valuation of the provisions for the settlement of future claims involves complex and subjective judgements about future events, both internal and external to the business, for which small changes in assumptions may result in significant impacts to the valuation of these liabilities.</p>	<p>We tested the completeness, accuracy and reliability of the underlying data utilized by management to support the actuarial valuation. We tested a sample of contracts to assess whether contract features and demographic data corresponded to the data file given by management to its actuary.</p> <p>We engaged an actuarial specialist to evaluate the methodologies and assumptions utilized by management's actuarial expert considering industry and component specific facts and circumstances. Specifically, the actuarial specialist focused on mortality assumptions, contract lapses, investment return and associated discount rate, and operating expenses, all of which are based on entity experience or published industry studies.</p> <p>We found the significant estimates and assumptions used by management to be reasonable, and that the methodologies used were actuarially established and accepted and appropriate in the circumstance.</p>

## Key audit matter

## How our audit addressed the Key audit matter

### Non-consolidation of certain unit trust schemes

*See notes 2 (b), 3 and 34 to the consolidated financial statements for management's disclosures of related accounting policies.*

As at 30 September 2016, certain unit trusts, managed by a subsidiary of the Group, with total assets of \$35 billion or 6% of the total assets of the Group, were not consolidated within the Group's financial statements.

Determining whether the subsidiary controls the unit trust requires judgment and focuses on the investor's right to remove the investment manager and an assessment of the investor's exposure to variability arising from the aggregate economic interest of the subsidiary in the trust.

Management maintains a trust deed of the unit trust schemes and assesses the extent to which the subsidiary exercises control in the management of the unit trust schemes. Management is of the view that these investments are temporary, that these investments are subject to an insignificant risk of a change in fair value and that there is no increase in the level of variability of returns. Management concluded that, based on the absence of variability in returns, the unit trusts should not be consolidated. Given these determinations require judgment; we focused our attention on this area.

We examined the trust deed of the unit trust schemes and evaluated the extent to which the subsidiary exercised control in the management of the schemes and compared to management's assessment thereof.

The trust deed of the unit trust indicates contractual terms that gives the subsidiary power over the unit trust. We tested the subsidiary's ownership of units in the unit trust. The results of the test indicated that the subsidiary's interest in the unit trust was insignificant.

We also examined the extent to which the unit trusts hold investments in cash equivalents of the Group. We performed enquiry with management and considered their conclusions based on our own independent evaluation and determined that management's conclusions were not unreasonable.

### Consolidation of NCB Financial Group Limited

*See notes 2 (b), 3 and 34 to the consolidated financial statements for management's disclosures of related accounting policies.*

At 30 September 2016, the Group consolidated NCB Financial Group Limited (NCBFG), a related entity in which it had no beneficial ownership rights to its issued share capital or residual assets.

We examined the acquisition documents for GHL, and documents evidencing the incorporation and establishment of the governance structure for NCBFG. We examined documentation evidencing the financing of the acquisition by the Group.



Key audit matter	How our audit addressed the Key audit matter
<p>Management exercised judgement in determining that it controls NCBFG as its board comprises only members of the Group's board, including executive management. NCBFG was used to acquire an investment in Guardian Holdings Limited (GHL), negotiation and funding of which was done by the Group.</p> <p>In determining the accounting treatment for GHL in the financial statements of the Group, management also considered the existence of an option to acquire an additional shareholding in GHL which would give control. Management in assessing the situation, determined that the activities required to exercise the option, including obtaining the requisite regulatory approval, did not create a substantive right to control. Management concluded therefore, that in spite of the option, only significant influence existed and consequently, equity accounting was used to account for the investment.</p> <p>We focused on this area because it required significant judgement on the part of management.</p>	<p>We considered the regulatory environment and the steps required to exercise the option. We challenged management's position through enquiry and by considering guidance in IFRS 10, Consolidated Financial Statements.</p> <p>Based on our own independent evaluation, we determined that management's conclusions were not unreasonable.</p>
<p><b>Impairment assessment for the Group's shareholdings in associated companies</b></p> <p><i>See notes 2 (b), 3 and 25 to the consolidated financial statements for disclosures of related accounting policies.</i></p> <p>At 30 September 2016, the market capitalisation for the Group's shareholdings in its associated companies was below their carrying values, determined using equity accounting. These were considered to be indicators of potential impairment, which required further consideration by management, as to whether formal impairment assessments were required. Management's assessments included examination of the performance of its investments and/or the performance of value in use calculations.</p>	<p>We examined management's assessment of the historical performance of its investments and compared underlying financial data used in the assessment, to audited financial statements and other publicly available financial information.</p> <p>We also engaged valuation experts to evaluate management's value in use calculations. We challenged management's assumptions in relation to future cash flow projections, revenue growth rates, discount factors and terminal growth rates by forming our own independent expectations, referencing historical entity performance information, economic and statistical data.</p>

Key audit matter	How our audit addressed the Key audit matter
<p>We focused on this due to its subjectivity and sensitivity to change in inputs as the performance of value in use calculations involves the use of estimates including future cash flow projections, revenue growth rates, discount rates and terminal growth rates.</p> <p>Based on the results of management's assessments, management has concluded that the investments are not impaired.</p>	<p>Our procedures did not identify any exceptions which would indicate that the investments in associated companies would require an impairment provision.</p>

### *Other information*

Management is responsible for the other information. The other information comprises the Annual Report, but does not include the consolidated and stand-alone financial statements and our auditor's report thereon. The Annual Report is expected to be made available to us after the date of this auditor's report.

Our opinion on the consolidated and stand-alone financial statements does not cover the other information and we do not and will not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated and stand-alone financial statements, our responsibility is to read the other information identified above when it becomes available and, in doing so, consider whether the other information is materially inconsistent with the consolidated and stand-alone financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

When we read the Annual Report, if we conclude that there is a material misstatement therein, we are required to communicate the matter to those charged with governance.

### *Responsibilities of management and those charged with governance for the financial statements*

Management is responsible for the preparation of the consolidated and stand-alone financial statements that give a true and fair view in accordance with IFRS, and for such internal control as management determines is necessary to enable the preparation of consolidated and stand-alone financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated and stand-alone financial statements, management is responsible for assessing the Group's and Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or Bank, or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's and Bank's financial reporting process.

## *Auditor's responsibilities for the audit of the consolidated and stand-alone financial statements*

Our objectives are to obtain reasonable assurance about whether the consolidated and stand-alone financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated and stand-alone financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated and stand-alone financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit 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 Group's and Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group and Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated and stand-alone financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group or Bank to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated and stand-alone financial statements, including the disclosures, and whether the consolidated and stand-alone financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group and Bank to express an opinion on the consolidated and stand-alone financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.



From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated and stand-alone financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

#### **Report on other legal and regulatory requirements**

As required by the Jamaican Companies Act, we have obtained all the information and explanations which, to the best of our knowledge and belief, were necessary for the purposes of our audit.

In our opinion, proper accounting records have been kept, so far as appears from our examination of those records, and the accompanying consolidated and stand-alone financial statements are in agreement therewith and give the information required by the Jamaican Companies Act, in the manner so required.

The engagement partner on the audit resulting in this independent auditor's report is Garfield Reece.

A handwritten signature in blue ink that reads 'PricewaterhouseCoopers'.

Chartered Accountants

17 November 2016

Kingston, Jamaica

# National Commercial Bank Jamaica Limited

## Consolidated Income Statement

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2016 \$'000	2015 \$'000
<b>Operating Income</b>			
Interest income		39,156,349	37,485,884
Interest expense		(11,032,579)	(11,521,854)
Net interest income	6	<u>28,123,770</u>	<u>25,964,030</u>
Fee and commission income		13,575,872	11,976,517
Fee and commission expense		(2,663,405)	(2,189,124)
Net fee and commission income	7	<u>10,912,467</u>	<u>9,787,393</u>
Gain on foreign currency and investment activities	8	4,736,122	3,753,037
Premium income	9	7,991,693	7,641,621
Dividend income	10	149,921	126,095
Other operating income		143,736	200,739
		<u>13,021,472</u>	<u>11,721,492</u>
		<u>52,057,709</u>	<u>47,472,915</u>
<b>Operating Expenses</b>			
Staff costs	11	13,809,023	11,942,482
Provision for credit losses	22	612,355	1,799,158
Policyholders' and annuitants' benefits and reserves	12	4,292,643	3,875,319
Depreciation and amortisation		1,899,414	1,563,551
Impairment losses on securities	13	-	79,765
Other operating expenses	14	13,348,202	12,211,459
		<u>33,961,637</u>	<u>31,471,734</u>
<b>Operating Profit</b>		<u>18,096,072</u>	<u>16,001,181</u>
Share of profit of associates	25	832,480	433,666
Loss on dilution of investment in associate		-	(50,748)
<b>Profit before Taxation</b>		<u>18,928,552</u>	<u>16,384,099</u>
Taxation	15	(4,479,992)	(4,082,309)
<b>NET PROFIT</b>		<u>14,448,560</u>	<u>12,301,790</u>
Attributable to:			
Stockholders of the Bank		15,636,446	12,301,790
Non-controlling interest	52	(1,187,886)	-
		<u>14,448,560</u>	<u>12,301,790</u>
<b>Earnings per stock unit</b>			
Basic and diluted (expressed in \$)	16	<u>6.35</u>	<u>5.00</u>
<b>Earnings per stock unit, including non-controlling interest</b>			
Basic and diluted (expressed in \$)		<u>5.87</u>	<u>5.00</u>

# National Commercial Bank Jamaica Limited

## Consolidated Statement of Comprehensive Income

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	2016 \$'000	2015 \$'000
<b>Net Profit</b>	14,448,560	12,301,790
<b>Other Comprehensive Income, net of tax -</b>		
<b>Items that will not be reclassified to profit or loss</b>		
Remeasurements of post-employment benefit obligations	63,139	(258,608)
<b>Items that may be reclassified subsequently to profit or loss</b>		
Currency translation gains	703,172	260,083
Unrealised gains on available-for-sale investments	6,462,614	610,551
Realised fair value gains on sale and maturity of available-for-sale investments	(1,183,914)	(676,318)
	5,981,872	194,316
<b>Total other comprehensive income</b>	6,045,011	(64,292)
<b>TOTAL COMPREHENSIVE INCOME</b>	20,493,571	12,237,498
<b>Total comprehensive income attributable to:</b>		
Stockholders of the Bank	21,447,020	12,237,498
Non-controlling interest	(953,449)	-
	20,493,571	12,237,498

# National Commercial Bank Jamaica Limited

## Consolidated Statement of Financial Position

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2016 \$'000	2015 \$'000
<b>ASSETS</b>			
Cash in hand and balances at Central Banks	17	35,373,141	28,875,090
Due from other banks	18	43,820,550	24,064,233
Derivative financial instruments	19	276,429	486,783
Investment securities at fair value through profit or loss	20	2,956,990	943,184
Reverse repurchase agreements	21	2,810,257	2,148,117
Loans and advances, net of provision for credit losses	22	189,055,786	165,404,606
Investment securities classified as available-for-sale and loans and receivables	23	166,426,708	166,019,274
Pledged assets	24	108,414,917	110,659,584
Investment in associates	25	34,787,067	6,307,220
Investment properties	26	524,917	475,500
Intangible assets	27	3,445,197	2,812,563
Property, plant and equipment	28	8,439,961	8,030,877
Deferred income tax assets	29	179,748	70,242
Income tax recoverable		780,807	902,435
Customers' liability – letters of credit and undertaking		2,201,599	1,775,088
Other assets	30	8,175,359	4,840,365
<b>Total Assets</b>		<b>607,669,433</b>	<b>523,815,161</b>

# National Commercial Bank Jamaica Limited


Consolidated Statement of Financial Position


September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)


	Note	2016 \$'000	2015 \$'000
<b>LIABILITIES</b>			
Due to other banks	31	13,273,458	6,146,366
Customer deposits		273,965,888	227,850,985
Repurchase agreements		105,974,938	100,004,008
Obligations under securitisation arrangements	32	47,899,756	44,292,064
Derivative financial instruments	19	72,820	52,794
Other borrowed funds	33	12,061,154	8,595,313
Income tax payable		753,788	181,084
Deferred income tax liabilities	29	1,848,539	1,793,557
Liabilities under annuity and insurance contracts	35	35,282,653	34,689,274
Provision for litigation	36	-	1,500
Post-employment benefit obligations	37	3,131,117	2,940,888
Liability – letters of credit and undertaking		2,201,599	1,775,088
Other liabilities	38	8,098,413	7,098,029
<b>Total Liabilities</b>		<b>504,564,123</b>	<b>435,420,950</b>
<b>EQUITY</b>			
Share capital	39	6,465,731	6,465,731
Shares held by NCB Employee Share Scheme	39	(3,388)	(3,388)
Fair value and capital reserves	40	8,512,757	2,765,321
Loan loss reserve	41	4,447,709	5,706,122
Banking reserve fund	42	6,539,948	6,518,648
Retained earnings reserve	43	29,620,000	20,810,000
Retained earnings		48,476,002	46,131,777
		104,058,759	88,394,211
Non-controlling interest	52	(953,449)	-
<b>Total Equity</b>		<b>103,105,310</b>	<b>88,394,211</b>
<b>Total Equity and Liabilities</b>		<b>607,669,433</b>	<b>523,815,161</b>

Approved for issue by the Board of Directors on November 10, 2016 and signed on its behalf by:

  
 Patrick Hylton Group Managing Director

  
 Dennis Cohen Group Finance and Deputy Managing Director

  
 Professor Alvin Wint Director

  
 Dave Garcia Company Secretary



# National Commercial Bank Jamaica Limited

## Consolidated Statement of Changes in Equity

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Share Capital	Shares Held by Share Scheme	Fair Value and Capital Reserves	Loan Loss Reserve	Banking Reserve Fund	Retained Earnings Reserve	Retained Earnings	Non- controlling Interest	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Balance at October 1, 2014</b>	6,465,731	(3,388)	2,571,005	5,375,901	6,512,634	19,430,000	41,494,500	-	81,846,383
Total comprehensive income	-	-	194,316	-	-	-	12,043,182	-	12,237,498
Transfer to Loan Loss Reserve	-	-	-	330,221	-	-	(330,221)	-	-
Transfer to Banking Reserve Fund	-	-	-	-	6,014	-	(6,014)	-	-
Transfer to Retained Earnings Reserve	-	-	-	-	-	1,380,000	(1,380,000)	-	-
Transaction with owners of the Bank - Dividends paid	-	-	-	-	-	-	(5,689,670)	-	(5,689,670)
<b>Balance at September 30, 2015</b>	6,465,731	(3,388)	2,765,321	5,706,122	6,518,648	20,810,000	46,131,777	-	88,394,211
Total comprehensive income	-	-	5,747,436	-	-	-	15,699,584	(953,449)	20,493,571
Transfer from Loan Loss Reserve	-	-	-	(1,258,413)	-	-	1,258,413	-	-
Transfer to Banking Reserve Fund	-	-	-	-	21,300	-	(21,300)	-	-
Transfer to Retained Earnings Reserve	-	-	-	-	-	8,810,000	(8,810,000)	-	-
Transaction with owners of the Bank - Dividends paid	-	-	-	-	-	-	(5,782,472)	-	(5,782,472)
<b>Balance at September 30, 2016</b>	6,465,731	(3,388)	8,512,757	4,447,709	6,539,948	29,620,000	48,476,002	(953,449)	103,105,310

# National Commercial Bank Jamaica Limited

## Consolidated Statement of Cash Flows

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2016 \$'000	2015 \$'000
<b>Cash Flows from Operating Activities</b>			
Net profit		14,448,560	12,301,790
Adjustments to reconcile net profit to net cash provided by/(used in) operating activities		21,225,555	(12,652,165)
Net cash provided by/(used in) operating activities	44	35,674,115	(350,375)
<b>Cash Flows from Investing Activities</b>			
Acquisition of investment in associates	25	(27,952,114)	-
Acquisition of property, plant and equipment	28	(1,487,145)	(1,754,575)
Acquisition of intangible asset – computer software	27	(1,417,935)	(913,066)
Proceeds from disposal of property, plant and equipment		23,596	104,347
Dividends received from associates	25	434,978	142,931
Purchases of investment securities		(239,697,929)	(108,208,499)
Sales/maturities of investment securities		246,559,985	94,042,504
Net cash used in investing activities		(23,536,564)	(16,586,358)
<b>Cash Flows from Financing Activities</b>			
Proceeds from securitisation arrangements		-	28,394,178
Proceeds from other borrowed funds		5,569,431	1,517,844
Repayments of other borrowed funds		(2,537,791)	(8,078,556)
Due to other banks		6,637,919	(448,369)
Dividends paid		(5,782,472)	(5,689,670)
Net cash provided by financing activities		3,887,087	15,695,427
Effect of exchange rate changes on cash and cash equivalents		3,729,021	1,874,467
Net increase in cash and cash equivalents		19,753,659	633,161
Cash and cash equivalents at beginning of year		28,879,720	28,246,559
<b>Cash and Cash Equivalents at End of Year</b>		<b>48,633,379</b>	<b>28,879,720</b>
<b>Comprising:</b>			
Cash in hand and balances at Central Banks	17	5,540,284	5,627,242
Due from other banks	18	43,414,871	23,423,198
Reverse repurchase agreements	21	1,319,906	1,698,845
Investment securities	23	1,653,236	1,024,402
Due to other banks	31	(3,294,918)	(2,893,967)
		48,633,379	28,879,720

# National Commercial Bank Jamaica Limited

## Income Statement

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2016 \$'000	2015 \$'000
<b>Operating Income</b>			
Interest income		29,281,135	27,390,043
Interest expense		(7,299,004)	(7,583,213)
Net interest income	6	<u>21,982,131</u>	<u>19,806,830</u>
Fee and commission income		11,324,263	10,079,414
Fee and commission expense		(2,663,405)	(2,189,124)
Net fee and commission income	7	<u>8,660,858</u>	<u>7,890,290</u>
Gain on foreign currency and investment activities	8	2,649,360	1,964,961
Dividend income	10	5,895,227	2,493,297
Other operating income		127,525	140,974
		<u>8,672,112</u>	<u>4,599,232</u>
		<u>39,315,101</u>	<u>32,296,352</u>
<b>Operating Expenses</b>			
Staff costs	11	11,097,014	9,701,642
Provision for credit losses	22	591,039	1,795,638
Depreciation and amortisation		1,631,749	1,329,059
Other operating expenses	14	10,961,672	9,708,996
		<u>24,281,474</u>	<u>22,535,335</u>
<b>Profit before taxation</b>		15,033,627	9,761,017
Taxation	15	(2,577,275)	(1,872,535)
<b>NET PROFIT</b>		<u><u>12,456,352</u></u>	<u><u>7,888,482</u></u>

# National Commercial Bank Jamaica Limited

## Statement of Comprehensive Income

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	2016 \$'000	2015 \$'000
<b>Net Profit</b>	12,456,352	7,888,482
<b>Other Comprehensive Income, net of tax:</b>		
<b>Items that will not be reclassified to profit or loss</b>		
Remeasurement of the post-employment benefit obligations	52,828	(279,853)
<b>Items that may be reclassified subsequently to profit or loss</b>		
Unrealised gains on available-for-sale investments	2,170,051	276,327
Realised fair value gains on sale and maturity of available-for-sale investments	(346,184)	(323,004)
	1,823,867	(46,677)
<b>Total other comprehensive income</b>	1,876,695	(326,530)
<b>TOTAL COMPREHENSIVE INCOME</b>	14,333,047	7,561,952

# National Commercial Bank Jamaica Limited

## Statement of Financial Position

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)


	Note	2016 \$'000	2015 \$'000
<b>ASSETS</b>			
Cash in hand and balances at Central Bank	17	35,118,217	28,704,268
Due from other banks	18	39,254,797	21,238,200
Derivative financial instruments	19	203,609	433,989
Investment securities at fair value through profit or loss	20	1,088,520	-
Reverse repurchase agreements	21	294,595	2,601,543
Loans and advances, net of provision for credit losses	22	214,363,740	162,675,184
Investment securities classified as available-for-sale and loans and receivables	23	60,578,689	87,850,982
Pledged assets	24	70,335,781	35,390,769
Investment in associates	25	2,208,203	2,208,203
Investment in subsidiaries		1,609,609	1,609,609
Intangible assets	27	2,598,638	2,106,836
Property, plant and equipment	28	7,338,053	7,022,879
Customers' liability – letters of credit and undertaking		2,201,599	1,775,088
Other assets	30	6,278,761	3,620,112
<b>Total Assets</b>		<b>443,472,811</b>	<b>357,237,662</b>


**National Commercial Bank Jamaica Limited****Statement of Financial Position****September 30, 2016**


(expressed in Jamaican dollars unless otherwise indicated)

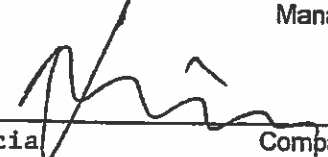
	Note	2016 \$'000	2015 \$'000
<b>LIABILITIES</b>			
Due to other banks	31	23,708,373	14,900,542
Customer deposits		255,184,346	214,448,535
Repurchase agreements		43,598,782	19,784,945
Obligations under securitisation arrangements	32	47,899,756	44,292,064
Other borrowed funds	33	4,443,160	4,900,163
Income tax payable		688,699	116,965
Deferred tax liabilities	29	925,724	1,570,735
Provision for litigation	36	-	1,500
Post-employment benefit obligations	37	2,917,010	2,726,770
Liability – letters of credit and undertaking		2,201,599	1,775,088
Other liabilities	38	5,210,969	4,562,117
<b>Total Liabilities</b>		<u>386,778,418</u>	<u>309,079,424</u>
<b>EQUITY</b>			
Share capital	39	6,465,731	6,465,731
Fair value and capital reserves	40	1,942,451	118,584
Loan loss reserve	41	4,447,709	5,706,122
Banking reserve fund	42	6,512,634	6,512,634
Retained earnings reserve	43	29,620,000	20,810,000
Retained earnings		7,705,868	8,545,167
<b>Total Equity</b>		<u>56,694,393</u>	<u>48,158,238</u>
<b>Total Equity and Liabilities</b>		<u>443,472,811</u>	<u>357,237,662</u>

Approved for issue by the Board of Directors on November 10, 2016 and signed on its behalf by:

  
 Patrick Hylton Group Managing Director

  
 Dennis Cohen Group Finance and Deputy  
 Managing Director

  
 Professor Alvin Wint Director

  
 Dave Garcia Company Secretary

# National Commercial Bank Jamaica Limited

## Statement of Changes in Equity

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Share Capital	Fair Value and Capital Reserves	Loan Loss Reserve	Banking Reserve Fund	Retained Earnings Reserve	Retained Earnings	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Balance at October 1, 2014</b>	6,465,731	165,261	5,375,901	6,512,634	19,430,000	8,344,981	46,294,508
Total comprehensive income	-	(46,677)	-	-	-	7,608,629	7,561,952
Transfer to Retained Earnings Reserve	-	-	-	-	1,380,000	(1,380,000)	-
Transfer to Loan Loss Reserve	-	-	330,221	-	-	(330,221)	-
Transaction with owners of the Bank - Dividends paid	-	-	-	-	-	(5,698,222)	(5,698,222)
<b>Balance at September 30, 2015</b>	6,465,731	118,584	5,706,122	6,512,634	20,810,000	8,545,167	48,158,238
Total comprehensive income	-	1,823,867	-	-	-	12,509,180	14,333,047
Transfer to Retained Earnings Reserve	-	-	-	-	8,810,000	(8,810,000)	-
Transfer from Loan Loss Reserve	-	-	(1,258,413)	-	-	1,258,413	-
Transaction with owners of the Bank - Dividends paid	-	-	-	-	-	(5,796,892)	(5,796,892)
<b>Balance at September 30, 2016</b>	6,465,731	1,942,451	4,447,709	6,512,634	29,620,000	7,705,868	56,694,393

# National Commercial Bank Jamaica Limited

## Statement of Cash Flows

Year ended September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2016 \$'000	2015 \$'000
<b>Cash Flows from Operating Activities</b>			
Net profit		12,456,352	7,888,482
Adjustments to reconcile net profit to net cash provided by/(used in) operating activities		7,018,191	(20,246,848)
Net cash provided by/(used in) operating activities	44	<u>19,474,543</u>	<u>(12,358,366)</u>
<b>Cash Flows from Investing Activities</b>			
Acquisition of property, plant and equipment	28	(1,332,051)	(1,642,562)
Acquisition of intangible asset – computer software	27	(1,112,647)	(830,654)
Proceeds from disposal of property, plant and equipment		19,138	102,214
Purchases of investment securities		(73,156,426)	(40,549,371)
Sales/maturities of investment securities		65,208,507	33,127,035
Net cash used in investing activities		<u>(10,373,479)</u>	<u>(9,793,338)</u>
<b>Cash Flows from Financing Activities</b>			
Proceeds from securitisation arrangements		-	28,394,178
Proceeds from other borrowed funds		922,726	861,269
Repayments of other borrowed funds		(1,542,372)	(4,267,087)
Due to other banks		8,854,632	(4,712,017)
Dividends paid		(5,796,892)	(5,698,222)
Net cash (used in)/provided by financing activities		<u>2,438,094</u>	<u>14,578,121</u>
Effect of exchange rate changes on cash and cash equivalents		<u>3,616,052</u>	<u>1,858,082</u>
Net increase/(decrease) in cash and cash equivalents		15,155,210	(5,715,501)
Cash and cash equivalents at beginning of year		<u>21,217,080</u>	<u>26,932,581</u>
<b>Cash and Cash Equivalents at End of Year</b>		<u><u>36,372,290</u></u>	<u><u>21,217,080</u></u>
<b>Comprising:</b>			
Cash in hand and balances at Central Bank	17	5,522,897	5,582,073
Due from other banks	18	38,849,118	20,597,165
Reverse repurchase agreements	21	294,239	2,601,504
Investment securities	23	56,097	1,012,702
Due to other banks	31	(8,350,061)	(8,576,364)
		<u><u>36,372,290</u></u>	<u><u>21,217,080</u></u>



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 1. Identification and Principal Activities

National Commercial Bank Jamaica Limited (“the Bank”) is incorporated in Jamaica and licensed under the Banking Services Act, 2014 (previously the Banking Act, 1992). The Bank is a 50.98% (2015 - 51.82%) subsidiary of AIC (Barbados) Limited. The ultimate parent company is Portland Holdings Inc., incorporated in Canada. Portland Holdings Inc. is controlled by Hon. Michael A. Lee-Chin, OJ, Chairman of the Bank.

The Bank’s registered office is located at 32 Trafalgar Road, Kingston 10, Jamaica.

The Bank’s ordinary stock units are listed on the Jamaica Stock Exchange and the Trinidad and Tobago Stock Exchange.

The Bank’s subsidiaries and other consolidated entities, which together with the Bank are referred to as “the Group”, are as follows:

	Principal Activities	Percentage Ownership by The Group	
		2016	2015
Data-Cap Processing Limited	Security Services	100	100
Mutual Security Insurance Brokers Limited	Dormant	100	100
NCB Capital Markets Limited	Securities Dealer and Stock Brokerage Services	100	100
Advantage General Insurance Company Limited	General Insurance	100	100
NCB Capital Markets (Cayman) Limited	Securities Dealing	100	100
NCB Global Finance Limited (formerly AIC Finance Limited)	Merchant Banking	100	100
NCB Capital Markets (Barbados) Limited	Brokerage Services	100	Nil
NCB Capital Markets SA	Inactive	100	Nil
NCB (Cayman) Limited	Commercial Banking	100	100
NCB Trust Company (Cayman) Limited (formerly NCB Investments (Cayman) Limited)	Dormant	100	100
NCB Insurance Company Limited	Life Insurance, Investment and Pension Fund Management Services	100	100
N.C.B. (Investments) Limited	Dormant	100	100
N.C.B. Jamaica (Nominees) Limited	Dormant	100	100
NCB Remittance Services (Jamaica) Limited	Dormant	100	100
NCB Remittance Services (UK) Limited	Money Remittance Services	100	100
West Indies Trust Company Limited	Trust and Estate Management Services	100	100
NCB Employee Share Scheme	Dormant	100	100
NCB Financial Group Limited	Financial Holding Company	Nil	Nil

All subsidiaries are incorporated in Jamaica with the exception of NCB (Cayman) Limited, NCB Trust Company (Cayman) Limited, and NCB Capital Markets (Cayman) Limited, which are incorporated in the Cayman Islands, NCB Remittance Services (UK) Limited, which is incorporated in the United Kingdom, NCB Global Finance Limited which is incorporated in Trinidad and Tobago, NCB Capital Markets (Barbados) Limited which is incorporated in Barbados and NCB Capital Markets SA which is incorporated in the Dominican Republic.

#### *Incorporation of NCB Capital Markets SA*

NCB Capital Markets SA was incorporated in December 2015 and has not yet started trading.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 1. Identification and Principal Activities (Continued)

*Incorporation and consolidation of NCB Financial Group Limited (NCBFG)*

NCB Financial Group Limited, an affiliate of the Bank, was incorporated in April 2016 and is the beneficial owner of the investment held in Guardian Holdings Limited. NCBFG is owned by a related party. The Bank owns no shares in NCBFG, but controls NCBFG through the holding of all board positions by a subset of the directors of the Bank. NCBFG, by virtue of its being controlled by Bank, is consolidated in these financial statements.

The Group's associates are as follows:

	Principal Activities	Percentage ownership by The Group	
		2016	2015
Dyoll Group Limited	In Liquidation	44.47	44.47
Elite Diagnostic Limited	Medical Imaging Services	29.61	29.61
Guardian Holdings Limited	Life Insurance, Investment and Pension Fund Management Services	29.99	-
JMMB Group Limited	Securities Dealer and Stock Brokerage Services	26.30	26.30

The investment in Guardian Holdings Limited was acquired in May 2016 by NCB Financial Group Limited.

All of the Group's associates are incorporated in Jamaica, except for Guardian Holdings Limited which is incorporated in Trinidad and Tobago.

### 2. Significant Accounting Policies

**(a) Basis of preparation**

The financial statements have been prepared in accordance with, and comply with, International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB). The financial statements have been prepared under the historical cost convention, as modified by the revaluation of available-for-sale investment securities, investment securities at fair value through profit or loss, derivative contracts and investment property.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates. It also requires management to exercise its judgment in the process of applying the Group's accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions or estimates are significant to the financial statements are disclosed in Note 3.

***Standards, interpretations and amendments to existing standards effective during the current year***

Certain new standards, interpretations and amendments to existing standards have been published that became effective during the current financial year. The Group has assessed the relevance of all such new interpretations and amendments, and has concluded that none is relevant to its operations.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (a) Basis of preparation (continued)

#### ***Standards, amendments and interpretations to existing standards that are not yet effective and have not been early adopted by the Group***

At the date of authorisation of these financial statements, certain new standards, amendments and interpretations to existing standards have been issued which are not effective at the date of the statement of financial position, and which the Group has not early adopted. The Group has assessed the relevance of all such new standards, interpretations and amendments, has determined that the following may be relevant to its operations, and has concluded as follows:

**IFRS 9, 'Financial Instruments'**, (effective for annual periods beginning on or after 1 January 2018). In July 2014, the IASB issued IFRS 9 which is the comprehensive standard to replace IAS 39 'Financial Instruments: Recognition and Measurement', and includes requirements for classification and measurement of financial assets and liabilities, impairment of financial assets and hedge accounting.

Financial assets are required to be classified into three measurement categories: those to be measured subsequently at amortised cost, those to be measured subsequently at fair value through other comprehensive income (FVOCI) and those to be measured subsequently at fair value through profit or loss (FVPL).

Classification for debt instruments is driven by the entity's business model for managing the financial assets and whether the contractual cash flows represent solely payments of principal and interest (SPPI). If a debt instrument is held to collect the asset's cash flows, it may be carried at amortised cost if it also meets the SPPI requirement. Debt instruments that meet the SPPI requirement that are held in a portfolio where an entity both holds to collect assets' cash flows and sells assets may be classified as FVOCI. Financial assets that do not contain cash flows that are SPPI must be measured at FVPL (for example, derivatives). Embedded derivatives are no longer separated from financial assets but will be included in assessing the SPPI condition.

Investments in equity instruments are always measured at fair value. However, management can make an irrevocable election to present changes in fair value in other comprehensive income, provided the instrument is not held for trading. If the equity instrument is held for trading, changes in fair value are presented in profit or loss.

Most of the requirements in IAS 39 for classification and measurement of financial liabilities were carried forward unchanged to IFRS 9. The key change is that an entity will be required to present the effects of changes in own credit risk of financial liabilities designated at fair value through profit or loss in other comprehensive income.

IFRS 9 introduces a new model for the recognition of impairment losses – the expected credit losses (ECL) model. There is a 'three stage' approach which is based on the change in credit quality of financial assets since initial recognition. In practice, the new rules mean that entities will have to record an immediate loss equal to the 12-month ECL on initial recognition of financial assets that are not credit impaired (or lifetime ECL for trade receivables). Where there has been a significant increase in credit risk, impairment is measured using lifetime ECL rather than 12-month ECL. The model includes operational simplifications for lease and trade receivables.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (a) Basis of preparation (continued)

***Standards, amendments and interpretations to existing standards that are not yet effective and have not been early adopted by the Group (continued)***

#### ***IFRS 9, 'Financial Instruments' (continued)***

Hedge accounting requirements were amended to align accounting more closely with risk management. The standard provides entities with an accounting policy choice between applying the hedge accounting requirements of IFRS 9 and continuing to apply IAS 39 to all hedges because the standard currently does not address accounting for macro hedging.

The Group is still assessing the potential impact of adoption and whether it should consider early adoption but it is not possible at this stage to quantify the potential effect. The Group expects the following impacts following adoption of the standard.

The Group expects that, in many instances, the classification and measurement outcomes will be similar to IAS 39, although differences may arise, for example, since IFRS 9 does not apply embedded derivative accounting to financial assets. The combined effect of the application of the business model and the contractual cash flow characteristics tests may result in some differences in population of financial assets measured at amortised cost or fair value compared with IAS 39.

Regarding credit loss provisioning, the Group expects that, as a result of the recognition and measurement of impairment under IFRS 9 being more forward-looking than under IAS 39, the resulting impairment charge may tend to be more volatile. It may also tend to result in an increase in the total level of impairment allowances, since all financial assets will be assessed for at least 12-month ECL and the population of financial assets to which lifetime ECL applies is likely to be larger than the population for which there is objective evidence of impairment in accordance with IAS 39.

The Group does not currently adopt hedge accounting but may consider doing so in future under the simplifications under the new standard.

***IFRS 15, 'Revenue from Contracts with Customers'***, (effective for the periods beginning on or after 1 January 2018). The new standard introduces the core principle that revenue must be recognised when the goods or services are transferred to the customer, at the transaction price. Any bundled goods or services that are distinct must be separately recognised, and any discounts or rebates on the contract price must generally be allocated to the separate elements. When the consideration varies for any reason, minimum amounts must be recognised if they are not at significant risk of reversal. Costs incurred to secure contracts with customers have to be capitalised and amortised over the period when the benefits of the contract are consumed. The adoption of this standard is not expected to have a significant impact on the Group's financial statements.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 2. Significant Accounting Policies (Continued)

#### (a) Basis of preparation (continued)

***Standards, amendments and interpretations to existing standards that are not yet effective and have not been early adopted by the Group (continued)***

**IFRS 16, 'Leases'** (effective for annual periods beginning on or after 1 January 2019, with earlier application permitted if IFRS 15, 'Revenue from Contracts with Customers', is also applied). The International Accounting Standards Board (IASB) published IFRS 16, 'Leases', which replaces the current guidance in IAS 17. This will require changes in accounting by lessees in particular. IFRS 16 requires lessees to recognise a lease liability reflecting future lease payments and a 'right-of-use asset' for virtually all lease contracts. The IASB has included an optional exemption for certain short-term leases and leases of low-value assets; however, this exemption can only be applied by lessees. For lessors, the accounting stays almost the same. However, as the IASB has updated the guidance on the definition of a lease (as well as the guidance on the combination and separation of contracts), lessors will also be affected by the new standard. Under IFRS 16, a contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. The Group is currently assessing the impact of future adoption of the new standard on its financial statements.

**Amendments to IAS 27, 'Associates'**, (effective for annual periods beginning 1 January 2016). The amendments will allow entities to use the equity method to account for investments in subsidiaries, joint ventures and associates in their separate financial statements. The Group is currently assessing whether to use the equity method in the separate financial statements of the Bank.

**Amendments to IFRS 10 and IAS 28 - Sale or Contribution of Assets between an Investor and its Associate or Joint Venture**, (effective for annual periods beginning on or after 1 January 2016). These amendments address an inconsistency between the requirements in IFRS 10 and those in IAS 28 in dealing with the sale or contribution of assets between an investor and its associate or joint venture. The main consequence of the amendments is that a full gain or loss is recognised when a transaction involves a business. A partial gain or loss is recognised when a transaction involves assets that do not constitute a business, even if these assets are held by a subsidiary. The Group is currently assessing the impact of future adoption of the amendments on its financial statements.

**Annual Improvements 2015**, (effective for annual periods beginning on or after 1 January 2016). The amendments impact the following standards.

IFRS 5 was amended to clarify that change in the manner of disposal (reclassification from "held for sale" to "held for distribution" or vice versa) does not constitute a change to a plan of sale or distribution, and does not have to be accounted for as such. The amendment to IFRS 7 adds guidance to help management determine whether the terms of an arrangement to service a financial asset which has been transferred constitute continuing involvement, for the purposes of disclosures required by IFRS 7. The amendment also clarifies that the offsetting disclosures of IFRS 7 are not specifically required for all interim periods, unless required by IAS 34. The amendment to IAS 19 clarifies that for post-employment benefit obligations, the decisions regarding discount rate, existence of deep market in high-quality corporate bonds, or which government bonds to use as a basis, should be based on the currency that the liabilities are denominated in, and not the country where they arise. IAS 34 will require a cross reference from the interim financial statements to the location of "information disclosed elsewhere in the interim financial report". The Group is currently assessing the impact of future adoption of the amendments on its financial statements.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (a) Basis of preparation (continued)

***Standards, amendments and interpretations to existing standards that are not yet effective and have not been early adopted by the Group (continued)***

***Amendment to IAS 1, 'Presentation of Financial Statements'***, (effective for annual periods beginning on or after 1 January 2016). This amendment forms part of the IASB's Disclosure Initiative, which explores how financial statement disclosures can be improved. It clarifies guidance in IAS 1 on materiality and aggregation, the presentation of subtotals, the structure of financial statements and the disclosure of accounting policies. The amendment also clarifies that the share of other comprehensive income (OCI) of associates and joint ventures accounted for using the equity method must be presented in aggregate as a single line item, classified between those items that will or will not be subsequently reclassified to profit or loss. The Group is currently assessing the impact of future adoption of the amendments on its financial statements.

***Amendments to IFRS 4, 'Insurance Contracts'***, (effective for annual periods beginning on or after 1 January 2016). The amendments are intended to address concerns about the different effective dates of IFRS 9 and the new insurance standard, expected as IFRS 17 within six months. The Group is currently assessing the impact of the future adoption of the amendments on its financial statements.

### (b) Basis of consolidation

#### ***Subsidiaries***

Subsidiaries are those entities which the Group controls because the Group (i) has power to direct relevant activities of the entities that significantly affect their returns, (ii) has exposure, or rights, to variable returns from its involvement with the entities, and (iii) has the ability to use its power over the entities to affect the amount of the entities returns. The existence and effect of substantive rights, including substantive potential voting rights, are considered when assessing whether the Group has power over another entity. For a right to be substantive the holder must have practical ability to exercise that right when decisions about the direction of the relevant activities of the entities need to be made. The Group may have power over an entity even when it holds no ownership interests in the entity, or when it holds less than majority of voting power in an entity. In such cases, the Group exercises judgement and assesses its power to direct the relevant activities of the entity, as well as the size of its of its voting rights relative to the size and dispersion of holdings of the other vote holders to determine if it has de-facto power over the entity. Protective rights of other investors, such as those that relate to fundamental changes in the entity's activities or apply only in exceptional circumstances, do not prevent the Group from controlling an entity. Subsidiaries are consolidated from the date on which control is transferred to the Group and are no longer consolidated from the date that control ceases.

The Group uses the acquisition method of accounting to account for business combinations. The consideration transferred for the acquisition of a subsidiary is the fair values of the assets transferred, the liabilities incurred and the equity interests issued by the Group. The consideration transferred includes the fair value of any asset or liability resulting from a contingent consideration arrangement. Acquisition-related costs are expensed as incurred. Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured initially at their fair values at the acquisition date. On an acquisition-by-acquisition basis, the Group recognises any non-controlling interest in the acquiree either at fair value or at the non-controlling interest's proportionate share of the acquiree's net assets.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (b) Basis of consolidation (continued)

#### ***Subsidiaries (continued)***

The excess of the consideration transferred, the amount of any non-controlling interest in the acquiree and the acquisition-date fair value of any previous equity interest in the acquiree over the fair value of the Group's share of the identifiable net assets acquired is recorded as goodwill. If this is less than the fair value of the net assets of the subsidiary acquired in the case of a bargain purchase, the difference is recognised directly in the income statement.

Intercompany transactions, balances and unrealised gains and losses on transactions between Group companies are eliminated. Accounting policies of subsidiaries have been changed, where necessary, to ensure consistency with the policies adopted by the Group.

In the Bank's stand-alone financial statements, investments in subsidiaries are accounted for at cost less impairment. Cost is adjusted to reflect changes in consideration arising from contingent consideration amendments. Cost also includes direct attributable costs of investment.

#### ***Associates***

Associates are all entities over which the Group has significant influence but not control, generally accompanying a shareholding of between 20% and 50% of the voting rights. The Group's investments in associates include goodwill (net of any accumulated impairment loss) identified on acquisition.

The Group's share of its associates' post-acquisition profits or losses is recognised in the consolidated income statement, and its share of post-acquisition movements in reserves is recognised in other comprehensive income. The cumulative post-acquisition movements are adjusted against the carrying amount of the investment. When the Group's share of losses in an associate equals or exceeds its interest in the associate, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the associate. Unrealised gains on transactions between the Group and its associates are eliminated to the extent of the Group's interest in the associates. Unrealised losses are also eliminated unless the transaction provides evidence of an impairment of the asset transferred.

The Group determines at each reporting date whether there is any objective evidence that investments in associates are impaired. If this is the case, the Group recognises an impairment charge in the income statement for the difference between the recoverable amount of the associate and its carrying value.

The results of associates with financial reporting year-ends that are different from the Group are determined by prorating the results for the audited period as well as the period covered by management accounts to ensure that a year's result is accounted for where applicable.

Investments in associates are accounted for using the equity method of accounting, and are initially recognised at cost.

In the Bank's stand-alone financial statements, investments in associates are accounted for at cost less impairment.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 2. Significant Accounting Policies (Continued)

#### (c) Segment reporting

An operating segment is a component of the Group that engages in business activities from which it earns revenues and incurs expenses and whose operating results are regularly reviewed by the chief operating decision maker to make decisions about resources to be allocated to the segment. Operating segments are reported in a manner consistent with the internal reporting to the chief operating decision maker. The chief operating decision maker is the Group Managing Director.

#### (d) Foreign currency translation

##### *Functional and presentation currency*

Items included in the financial statements of each of the Group's entities are measured using the currency of the primary economic environment in which the entity operates ("the functional currency"). The consolidated financial statements are presented in Jamaican dollars, which is the Bank's functional currency.

##### *Transactions and balances*

Foreign currency transactions are accounted for at the exchange rates prevailing at the dates of the transactions. At the date of the statement of financial position, monetary assets and liabilities denominated in foreign currencies are translated using the closing exchange rate.

Exchange differences resulting from the settlement of transactions at rates different from those at the dates of the transactions, and unrealised foreign exchange differences on unsettled foreign currency monetary assets and liabilities are recognised in the income statement.

Exchange differences on non-monetary financial assets are a component of the change in their fair value. Depending on the classification of a non-monetary financial asset, exchange differences are either recognised in the income statement (applicable for trading securities), or within other comprehensive income if non-monetary financial assets are classified as available-for-sale. In the case of changes in the fair value of monetary assets denominated in foreign currency classified as available-for-sale, a distinction is made between translation differences resulting from changes in amortised cost of the security and other changes in the carrying amount of the security. Translation differences related to changes in the amortised cost are recognised in the income statement, and other changes in the carrying amount, except impairment, are recognised in other comprehensive income.

##### *Group companies*

The results and financial position of all the Group entities (none of which has the currency of a hyperinflationary economy) that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

- Assets and liabilities for each statement of financial position presented are translated at the closing rate at the date of that statement;
- Income and expenses for each income statement are translated at average exchange rates (unless this average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated at the dates of the transactions); and
- All resulting exchange differences are recognised in other comprehensive income and accumulated as a separate component of equity.



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (e) Revenue recognition

#### ***Interest income and expense***

Interest income and expense are recognised in the income statement for all interest-bearing instruments on an accrual basis using the effective interest method based on the actual purchase price. Interest income includes coupons earned on fixed income investments and accrued discount on treasury bills and other discounted instruments.

The effective interest method is a method of calculating the amortised cost of a financial asset or a financial liability and of allocating the interest income or interest expenses over the relevant period. The effective interest rate is the rate that exactly discounts the estimated future cash payments or receipts through the expected life of the financial instrument or, when appropriate, a shorter period to the net carrying amount of the financial asset or financial liability. When calculating the effective interest rate, the Group estimates cash flows considering the contractual terms of the financial instrument but does not consider future credit losses. The calculation includes all fees paid or received between parties to the contract that are an integral part of the effective interest rate, transaction costs and all other premiums or discounts.

The Group accounts for interest income on loans in accordance with Jamaican banking regulations. These regulations stipulate that, where collection of interest is considered doubtful or where the loan is in non-performing status (payment of principal or interest is outstanding for 90 days or more), interest should be taken into account on the cash basis and all previously accrued but uncollected interest be reversed in the period that collection is doubtful or the loan becomes non-performing. IFRS require that when loans are impaired, they are written down to their recoverable amounts and interest income is thereafter recognised by applying the original effective interest rate to the recoverable amount. The difference between the regulatory and IFRS bases of interest recognition was assessed to be immaterial.

#### ***Fee and commission income***

Fee and commission income is generally recognised on an accrual basis when the service has been provided. Fees and commissions arising from negotiating or participating in the negotiation of a transaction for a third party are recognised on completion of the underlying transaction.

#### ***Premium income***

Premium income is recognised on the accrual basis in accordance with the terms of the underlying contracts as outlined in Note 2(t).

#### ***Dividend income***

Dividend income is recognised when the right to receive payment is established.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 2. Significant Accounting Policies (Continued)

#### (f) Income taxes

Taxation expense in the income statement comprises current and deferred income tax charges.

Current income tax charges are based on taxable profits for the year, which differ from the profit before tax reported because it excludes items that are taxable or deductible in other years, and items that are never taxable or deductible. The Group's liability for current tax is calculated at tax rates that have been enacted or substantively enacted at the date of the statement of financial position.

Deferred income tax is provided in full, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements. Currently and enacted or substantively enacted tax rates are used in the determination of deferred income tax.

Deferred tax assets are recognised to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilised.

Deferred income tax is provided on temporary differences arising on investments in subsidiaries and associates, except where the timing of the reversal of the temporary difference can be controlled and it is probable that the temporary difference will not reverse in the foreseeable future.

Deferred tax is charged or credited in the income statement, except where it relates to items charged or credited to other comprehensive income or equity, in which case, deferred tax is also dealt with in other comprehensive income or equity.

#### (g) Cash and cash equivalents

For the purpose of the statement of cash flows, cash and cash equivalents comprise balances with less than 90 days maturity from the date of acquisition including cash and balances at Central Banks (excluding statutory reserves), due from other banks, investment securities, reverse repurchase agreements and due to other banks.

#### (h) Derivative financial instruments

Derivatives are financial instruments that derive their value from the price of underlying items such as equities, bonds, interest rates, foreign exchange, credit spreads, commodities or other indices. Derivatives enable users to increase, reduce or alter exposure to credit or market risk. The Group transacts derivatives to manage its own exposure to interest rate and foreign exchange risk.

Derivative instruments are initially recognised at fair value on the date a derivative contract is entered into, and subsequently are re-measured at their fair value at the date of each statement of financial position. Fair values are obtained from quoted market prices and discounted cash flow models as appropriate. Derivatives are carried as assets when fair value is positive and as liabilities when fair value is negative. Assets and liabilities are set off where the contracts are with the same counterparty, a legal right of set off exists and the cash flows are intended to be settled on a net basis.

Derivatives embedded in non-derivative host contracts are treated as separate derivatives when they meet the definition of a derivative, their risks and characteristics are not closely related to those of the host contracts and the contracts are not measured at fair value through profit or loss.

Gains and losses from changes in the fair value of derivatives are included in the income statement.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (i) Repurchase and reverse repurchase transactions

Securities sold under agreements to repurchase (repurchase agreements) and securities purchased under agreements to resell (reverse repurchase agreements) are treated as collateralised financing transactions. The difference between the sale/purchase and repurchase/resale price is treated as interest and accrued over the life of the agreements using the effective yield method.

### (j) Loans and advances and provisions for credit losses

Loans and advances are recognised when cash is advanced to borrowers. They are initially recorded at fair value and subsequently measured at amortised cost using the effective interest rate method.

#### ***Provision for credit losses determined under the requirements of IFRS***

The Group continuously monitors loans or groups of loans for indicators of impairment. In the event that indicators are present, the loans or groups of loans are tested for impairment. A provision for credit losses is established if there is objective evidence of impairment. A loan or group of loans is impaired and impairment losses are incurred only if there is objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the loan (a 'loss event') and that loss event has reduced the estimated future cash flows of the loan and the amount of the reduction can be reliably estimated. The criteria that the Group uses to determine that there is objective evidence of an impairment loss include:

- (i) significant financial difficulty of the obligor;
- (ii) default or delinquency in interest or principal payments;
- (iii) having to grant the borrower a concession that would not otherwise be considered due to the borrower's financial difficulty;
- (iv) the probability that the borrower will enter bankruptcy or other financial reorganisation; or
- (v) observable data indicating that there is a measurable decrease in the estimated future cash flows from the loan portfolio since the initial recognition of the loans, although the decrease cannot yet be identified with the individual loan in the portfolio, including:
  - a) adverse changes in the payment status of borrowers in the portfolio; and
  - b) national or local economic conditions that correlate with defaults on the loan portfolio.

The Group first assesses whether objective evidence of impairment exists individually for loans that are individually significant, and individually or collectively for loans that are not individually significant. If the Group determines that no objective evidence of impairment exists for an individually assessed loan, whether significant or not, it includes the loan in a group of loans with similar credit risk characteristics and collectively assesses them for impairment. Loans that are individually assessed for impairment and for which an impairment loss is or continues to be recognised are not included in a collective assessment of impairment.

The amount of the loss is measured as the difference between the carrying amount of the loan and the present value of estimated future cash flows, including amounts recoverable from guarantees and collateral, discounted at the original effective interest rate of the loan. For accounting purposes, the carrying amount of the loan is reduced through the use of a provision for credit losses account and the amount of the loss is recognised in the income statement. If a loan has a variable interest rate, the discount rate for measuring any impairment loss is the current effective interest rate.

For the purpose of a collective evaluation of impairment, loans are grouped on the basis of similar credit risk characteristics (that is, on the basis of the Group's grading process that considers loan type, industry, collateral type and past-due status). Those characteristics are relevant to the estimation of future cash flows for groups of such loans by being indicative of the debtors' ability to pay all amounts due according to the contractual terms of the loans being evaluated.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (j) Loans and advances and provisions for credit losses (continued)

#### ***Provision for credit losses determined under the requirements of IFRS (continued)***

Future cash flows in a group of loans that are collectively evaluated for impairment are estimated on the basis of the contractual cash flows of the loans in the group. Losses over the preceding 12 months are used as a baseline to determine historical loss experience for loans with credit risk characteristics similar to those in the group. This historical loss experience is then adjusted, if necessary, to reflect broader economic trends over the most recent 24-month period with a 36-month look back period used on the highest risk portfolios. Finally, applicable adjustments are made on the basis of current observable data to reflect the effects of current conditions that did not affect the period on which the historical loss experience is based and to remove the effects of conditions in the historical period that do not currently exist.

Estimates of changes in future cash flows for groups of loans should reflect and be directionally consistent with changes in related observable data and our assessment of changes in the economy from period to period (for example, changes in unemployment levels, property and motor vehicle prices, or other factors indicative of changes in the probability of losses in the group and their magnitude). The methodology and assumptions used for estimating future cash flows are reviewed regularly by the Group to reduce any differences between loss estimates and actual loss experience.

When a loan is deemed uncollectible, it is written off against the related provision for credit losses. Such loans are written off after all the necessary procedures have been completed and the amount of the loss has been determined.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised (such as an improvement in the debtor's credit rating), the previously recognised impairment loss is reversed by adjusting the provision for credit losses. The amount of the reversal is recognised in the income statement.

#### ***Provision for credit losses determined under the Bank of Jamaica regulatory requirements***

The effect of the provision for credit losses determined under the Bank of Jamaica regulatory requirements is to reserve capital. No amounts are booked to the income statement in respect of regulatory provisions. Provisions calculated based on regulatory requirements that exceed the amounts required under IFRS are transferred from retained earnings to a non-distributable loan loss reserve in stockholders' equity.

The provision for credit losses determined under the Bank of Jamaica regulatory requirements comprises a "specific provision" and a "general provision". The specific is determined based on each specific loan for which problems have been identified. The general provision is considered to be prudential in nature and is established to absorb portfolio losses.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 2. Significant Accounting Policies (Continued)

#### (j) Loans and advances and provisions for credit losses (continued)

##### ***Provision for credit losses determined under the Bank of Jamaica regulatory requirements (continued)***

The specific provision is established for the estimated net loss for all non-performing loans and performing loans that meet specified criteria. Loans are considered to be non-performing where a principal or interest payment is contractually 90 days or more in arrears. At the time of classification as non-performing, any interest that is contractually due but in arrears is reversed from the income statement and interest is thereafter recognised in the income statement on the cash basis only. The estimated net loss is defined as the net exposure remaining after deducting the estimated net realisable value of the collateral (as defined by and determined by the regulations) from the outstanding principal balance of the loan. The regulations quantify the specific provision at ranges from 20% to 100% of the estimated net loss of each non-performing loan depending on the length of time the loan has been in arrears. In addition, where a non-performing loan is fully secured but the collateral is unrealised for a period of 12 months, a provision of 50% of the amounts outstanding should be made. Where the collateral is unrealised for a further 6 months (with limited exceptions which allow for up to a further 15 months) a full provision is made. The regulations further require that the specific provision for each loan should not be less than 1% of the amounts outstanding.

A general provision is established for all loans (other than loans for which specific provisions were established) at 1% of the amounts outstanding.

#### (k) Investment securities

All purchases and sales of investment securities are recognised at settlement date.

Investment securities are classified into the following categories: investment securities at fair value through profit or loss (FVPL), available-for-sale securities (AFS) and loans and receivables (LAR). Management determines the classification of its investments at initial recognition and re-evaluates this designation at every reporting date.

Investment securities at fair value through profit or loss are those which were either acquired for generating a profit from short-term fluctuations in price or dealer's margin, or are securities included in a portfolio in which a pattern of short-term profit-taking exists or those financial assets that the entity upon initial recognition, designates as FVPL. They are initially recognised at fair value and transaction costs are expensed in the income statement. They are subsequently carried at fair value. Interest income on investment securities at FVPL is recognised in interest income. All other realised and unrealised gains and losses are included in gain on foreign currency and investment activities.

Available-for-sale securities are those intended to be held for an indefinite period of time and which may be sold in response to needs for liquidity, changes in interest rates, foreign exchange rates or market prices. They are initially recognised at fair value (including transaction costs), and subsequently remeasured at fair value. Unrealised gains and losses arising from changes in fair value of AFS securities are recognised in other comprehensive income. When the securities are disposed of or impaired, the related accumulated unrealised gains or losses included in other comprehensive income are transferred to the income statement.

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market other than: (i) those financial assets that the Group intends to sell immediately or in the short term, which are classified as FVPL, or (ii) those financial assets that the entity upon initial recognition, designates as at FVPL or has designated as AFS. Loans and receivables are initially measured at fair value which is the consideration to originate the loan and are subsequently carried at amortised cost using the effective interest method.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (k) Investment securities (continued)

The fair values of quoted investments in active markets are based on current bid prices. If there is no active market for a financial asset, the Group establishes fair value using valuation techniques. These include the use of recent arm's length transactions, discounted cash flow analysis and other valuation techniques commonly used by market participants.

Financial assets are assessed at each date of the statement of financial position for objective evidence of impairment. A financial asset is considered impaired if its carrying amount exceeds its estimated recoverable amount. The amount of the impairment loss for assets carried at amortised cost is calculated as the difference between the asset's carrying amount and the present value of expected future cash flows discounted at the original effective interest rate. The recoverable amount of a financial asset carried at fair value is the present value of expected future cash flows discounted at the current market interest rate for a similar financial asset.

In the case of equity securities classified as AFS, a significant or prolonged decline in the fair value below cost is considered an indicator of impairment. Significant or prolonged are assessed based on market conditions and other indicators. If any such evidence exists for AFS financial assets, the cumulative loss, measured as the difference between the acquisition cost and the current fair value, less any impairment losses previously recognised in the income statement, is removed from other comprehensive income and recognised in the income statement.

Investment securities are derecognised when the contractual rights to receive the cash flows from these assets have ceased to exist or the assets have been transferred and substantially all the risks and rewards of ownership of the assets are also transferred (if substantially all the risks and rewards have not been transferred, the Group tests control to ensure that continuing involvement on the basis of any retained powers of control does not prevent derecognition).

### (l) Investment property

Investment property is held for long-term rental yields and is, therefore, treated as a long-term investment. The property is not occupied by the Group.

Investment property is measured initially at cost, including transaction costs, and is subsequently carried at fair value, representing open market value determined annually by the directors or by independent valuers. Changes in fair values are recorded in the income statement.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (m) Intangible assets

#### **Computer software**

Costs that are directly associated with acquiring and developing identifiable and unique software products are recognised as intangible assets. These costs are amortised using the straight-line method over their useful lives, not exceeding a period of five years. Costs associated with maintaining computer software programs are recognised as an expense as incurred.

#### **Customer relationships and trade name**

These assets are associated with the acquisition of a subsidiary and are measured at fair value as at the date of acquisition. These assets are amortised using the straight line method over their useful lives, not exceeding a period of twenty years.

### (n) Property, plant and equipment

Land and buildings are shown at deemed cost less impairment losses, and less subsequent depreciation for buildings. All other property, plant and equipment are stated at historical cost less accumulated depreciation and impairment losses.

Subsequent costs are included in the asset's carrying amount or are recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. All other repairs and maintenance costs are charged to other operating expenses during the financial period in which they are incurred.

Land is not depreciated. Depreciation on other assets is calculated on the straight-line basis at annual rates that will write off the carrying value of each asset over the period of its expected useful life. Annual depreciation rates or period over which depreciation is charged are as follows:

Freehold buildings	2%
Leasehold improvements	Period of lease
Computer equipment	20 - 33 1/3%
Office equipment and furniture	20%
Other equipment	5 - 7%
Motor vehicles	20 - 25%
Leased assets	Shorter of period of lease or useful life of asset

Gains or losses on disposals are determined by comparing proceeds with carrying amount. These are included in other operating income in the income statement.

### (o) Impairment of long lived assets

Property, plant and equipment and intangibles are reviewed for impairment losses whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognised for the amount by which the carrying amount of the assets exceeds its recoverable amount, which is the higher of an asset's net selling price and value in use. For the purpose of assessing impairment, assets are grouped at the lowest levels for which there are separately identifiable cash flows.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (p) Financial liabilities

The Group's financial liabilities comprise primarily amounts due to other banks, customer deposits, repurchase agreements, obligations under securitisation arrangements, other borrowed funds and policyholders' liabilities.

The recognition and measurement of policyholders' liabilities is detailed in Note 2(t); other financial liabilities are measured at amortised cost.

#### *Offsetting financial instruments*

Financial assets and liabilities are offset and the net amount reported in the statement of financial position when there is a legally enforceable right to offset the recognised amounts and there is an intention to settle on a net basis, or realise the assets and settle the liabilities simultaneously.

### (q) Borrowings

Borrowings, including those arising under securitisation arrangements, are recognised initially at fair value, being their issue proceeds, net of transaction costs incurred. Subsequently, borrowings are stated at amortised cost and any difference between net proceeds and the redemption value is recognised in the income statement over the period of the borrowings using the effective yield method.

### (r) Structured products

Structured products are recognised initially at the nominal amount when funds are received. Derivatives are separately accounted for at fair value through the income statement (Note 34). The non-derivative elements are stated at amortised cost using the effective interest method.

### (s) Leases

#### *As lessee*

Leases of property, plant and equipment where the Group has substantially all the risks and rewards of ownership are classified as finance leases. Finance leases are capitalised at the inception of the lease at the lower of the fair value of the leased asset or the present value of minimum lease payments. Each lease payment is allocated between the liability and interest charges so as to produce a constant rate of charge on the lease obligation. The interest element of the lease payments is charged in the income statement over the lease period.

Leases where a significant portion of the risks and rewards of ownership are retained by the lessor are classified as operating leases. Payments under operating leases are charged in the income statement on a straight-line basis over the period of the lease.

#### *As lessor*

When assets are leased out under a finance lease, the present value of the lease payments is recognised as a receivable. The difference between the gross receivable and the present value of the receivable is recognised as unearned finance income. Lease income is recognised over the term of the lease in a manner which reflects a constant periodic rate of return on the net investment in the lease.



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (t) Insurance and investment contracts – classification, recognition and measurement

#### **Classification**

The Group issues contracts that transfer insurance risk or financial risk or both. Insurance contracts are those contracts that transfer significant insurance risk. Such contracts may also transfer financial risk. As a general guideline, the Group defines as significant insurance risk the possibility of having to pay benefits on the occurrence of an insured event that are at least 10% more than the benefits payable if the insured event did not occur.

Investment contracts are those contracts that transfer financial risk with no significant insurance risk.

#### **Recognition and measurement**

Insurance contracts are classified into four main categories, depending on the duration of risk and whether or not the terms and conditions are fixed.

#### *Short duration insurance contracts*

These contracts are principally property, motor, casualty (employers' liability, public liability), and group life insurance contracts.

Property insurance contracts indemnify the Group's customers in the event of a loss from a specified insured peril such as fire, windstorm or earthquake (not limited to these perils) up to the insured amount and within the terms of the policy conditions. These contracts are issued for both private and commercial risks. Customers who undertake commercial activities on their premises could also receive compensation for consequential loss/business interruption caused by the insured perils.

Motor insurance contracts indemnify the Group's customers for their legal requirement under the Road Traffic Act. These contracts may be extended for additional coverage such as physical damage, theft and personal accident.

Casualty insurance contracts provide coverage for liability exposures that indemnify the Group's customers against actions from third parties which are subject to the policy limits and conditions. The typical protection offered is designed for employers who become legally liable to pay compensation to injured employees (employers' liability) and employers who become liable to pay compensation to third parties for bodily harm or property damage (public liability).

Group life contracts protect the Group's customers from the consequences of events (such as death or critical illness) that would affect on the ability of the customer or his/her dependants to maintain their current level of income.

For all these contracts, premiums are recognised as revenue (earned premiums) proportionally over the period of coverage. The portion of premiums received on inforce contracts that relate to unexpired risks at the date of the statement of financial position is reported as an unearned premium liability. Premiums are shown before deduction of commissions payable to agents and brokers and exclude any taxes or duties levied on such premiums. Premium income includes premiums collected by agents and brokers not yet received by the Group.

Unearned premiums represent the portion of premiums written in the current year which relate to periods of insurance subsequent to the date of the statement of financial position calculated principally using the twenty-fourths method.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 2. Significant Accounting Policies (Continued)

#### (t) Insurance and investment contracts – classification, recognition and measurement (continued)

##### **Recognition and measurement (continued)**

##### *Short duration insurance contracts (continued)*

Claims and loss adjustment expenses are charged to income as incurred based on the estimated liability for compensation owed to contract holders. They arise from events that have occurred up to the date of the statement of financial position even if they have not yet been reported to the Group. The Group does not discount its liabilities for unpaid claims. Liabilities for unpaid claims are estimated using techniques such as the input of assessments for individual cases reported to the Group and statistical analyses for the claims incurred but not reported (IBNR), and to estimate the expected ultimate cost of more complex claims that may be affected by external factors such as court decisions. Estimates are continually revised as more information becomes available and for the effects of anticipated inflation. Adjustments arising from these revisions are recognised within claims expense in the current year.

##### *Long duration insurance contracts*

The accounting treatment of long duration contracts differs according to whether the contract bears investment options or not.

For long duration contracts that do not bear investment options, premiums are recognised as revenue when they become payable by the policyholder. Premiums are shown before deduction of commission. Benefits are recorded as an expense when incurred.

A liability for policyholders' benefits that is expected to be incurred in the future is recorded when the premiums are recognised. Typically, the liability is determined as the sum of the expected discounted value of the benefit payments less the expected discounted value of the theoretical premiums that would be required to meet the benefits based on the valuation assumptions used (the valuation premiums). In particular, the liability is based on assumptions as to mortality and investment income. A margin for adverse deviations is included in the assumptions.

For long duration contracts that bear investment options, insurance premiums are recognised directly as liabilities. These liabilities are increased by credited interest and are decreased by policy administration fees, mortality and surrender charges and any withdrawals. Revenue consists of fees deducted for policy administration, mortality and surrenders and interest credited is treated as an expense.

Long duration insurance contract liabilities are calculated by independent actuaries at each statement of financial position date using the Policy Premium Method. The change in these liabilities are recognised in the income statement.

##### **Outstanding claims**

Provision for outstanding claims and the related costs of settlement are based on incidents reported before the end of the financial year and include appropriate provisions for claims incurred but not yet reported. Estimates are continually revised as more information becomes available and for the effects of anticipated inflation. Adjustments arising on these revisions are included with claims expense in the current year. Benefits and claims payable represent the gross cost of all claims notified but not settled on the date of the statement of financial position. Any reinsurance recoverable is shown separately as a receivable.

##### **Policyholders' benefits**

Maturities and annuities are accounted for when due. Death and disability claims and surrenders are recognised in the financial statements in the year in which they have been notified. Differences between the estimated claims and subsequent settlements are recognised in the income statement in year of settlement.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (t) Insurance and investment contracts – classification, recognition and measurement (continued)

#### *Liability adequacy test*

At the date of the statement of financial position, the Group assesses whether its recognised insurance liabilities are adequate, using current estimates of future cash flows under its insurance contracts. If that assessment shows that the carrying amount of its insurance liabilities is inadequate, the deficiency is recognised in the income statement and the amount of the relevant insurance liabilities is increased.

#### *Reinsurance contracts held*

Contracts entered into by the Group with reinsurers under which the Group is compensated for losses on one or more contracts issued by the Group and that meet the classification requirements for insurance contracts are classified as reinsurance contracts held. Contracts that do not meet these classification requirements are classified as financial assets.

The benefits to which the Group is entitled under its reinsurance contracts held are recognised as reinsurance assets. These assets consist of short-term balances due from reinsurers, as well as longer term receivables that are dependent on the expected claims and benefits arising under the related reinsured insurance contracts. Amounts recoverable from or due to reinsurers are measured consistently with the amounts associated with the reinsured insurance contracts and in accordance with the terms of each reinsurance contract. Reinsurance liabilities are primarily premiums payable for reinsurance contracts and are recognised as an expense when due.

The Group periodically assesses its reinsurance assets for impairment. If there is objective evidence that a reinsurance asset is impaired, the Group reduces the carrying amount of the reinsurance asset to its recoverable amount and recognises that impairment loss in the income statement.

#### *Receivables and payables related to insurance contracts and investment contracts*

Receivables and payables are recognised when due. These include amounts due to and from agents, brokers and insurance contract holders. If there is objective evidence that the insurance receivable is impaired, the Group reduces the carrying amount of the insurance receivable accordingly and recognises that impairment loss in the income statement.

### (u) Provisions

Provisions are recognised when there is a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources will be required to settle the obligation and a reliable estimate of the amount of the obligation can be made.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (v) Post-employment benefits

#### *Pension benefits*

The Bank and its subsidiaries operate a number of retirement plans, the assets of which are generally held in separate trustee administered funds. The pension plans are funded by payments from employees and by the relevant companies, taking into account the recommendations of independent qualified actuaries. The Group has both defined benefit and defined contribution plans.

#### *Defined benefit pension plans*

A defined benefit pension plan is a plan that defines an amount of pension benefit that an employee will receive on retirement, usually dependent on one or more factors, such as age, years of service and compensation.

The amount recognised in the statement of financial position in respect of defined benefit pension plans is the present value of the defined benefit obligation at the statement of financial position date less the fair value of plan assets. The defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The present value of the defined benefit obligation is determined by discounting the estimated future cash outflows using interest rates on Government of Jamaica bonds that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating to the terms of the related pension obligation.

The current service cost of the defined benefit plan, included in staff costs in the income statement, reflects the increase in the defined benefit obligation resulting from employee service in the current year, benefit changes, curtailments and settlements.

The net interest cost is calculated by applying the discount rate to the net balance of the defined benefit obligation and the fair value of plan assets. The cost is included in staff costs in the income statement.

Past-service costs are recognised immediately in expenses.

Actuarial gains and losses arising from experience adjustments and changes in actuarial assumptions are charged or credited to equity in other comprehensive income in the period in which they arise.

#### *Defined contribution pension plans*

A defined contribution pension plan is a plan under which the Group pays fixed contributions into a separate fund. The Group has no legal or constructive obligations to pay further contributions. The contributions are charged to the income statement in the period to which they relate.

#### ***Other post-employment benefit obligations***

The Bank provides post-employment health care benefits to its retirees. The entitlement to these benefits is usually conditional on the employee remaining in service up to retirement age and the completion of a minimum service period. The expected costs of these benefits are accrued over the period of employment using an accounting methodology similar to that for defined benefit pension plans. Actuarial gains and losses arising from experience adjustments and changes in actuarial assumptions are charged or credited to equity in other comprehensive income in the period in which they arise. These obligations are valued annually by independent qualified actuaries.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 2. Significant Accounting Policies (Continued)

### (v) Post-employment benefits (continued)

#### *Termination benefits*

Termination benefits are payable whenever an employee's employment is terminated before the normal retirement date or whenever an employee accepts voluntary redundancy in exchange for these benefits. The Group recognises termination benefits when it is demonstrably committed to either terminate the employment of current employees according to a detailed formal plan without possibility of withdrawal or to provide termination benefits as a result of an offer made to encourage voluntary redundancy. Benefits falling due more than 12 months after statement of financial position date are discounted to present value.

### (w) Acceptances, guarantees, indemnities, letters of credit and undertakings

Acceptances, guarantees, indemnities and letters of credit and undertakings are various forms of contractual commitments to advance funds to or on behalf of customers and include:

- (i) Obligations on the part of the Group to make payments (directly or indirectly) to a designated third party contingent upon a default by the Group's customer in the performance of an obligation under the terms of that customer's contract with the third party; and
- (ii) Obligations to guarantee or stand as surety for the benefit of a third party.

Where the Bank's obligations under acceptances, guarantees, indemnities and letters of credit and undertakings are not considered to be contingent, the amounts are reported as a liability in the statement of financial position. There are equal and offsetting claims against customers in the event of a call on these commitments, which are reported as an asset.

Where the Bank's obligations are considered to be contingent, the amounts are disclosed in Note 46.

### (x) Share capital

#### *Share issue costs*

Ordinary shares are classified as equity. Incremental costs directly attributable to the issue of new shares are shown in equity as a deduction, net of tax, for the proceeds.

#### *Dividends on ordinary shares*

Dividends on ordinary shares are recognised in equity in the period in which they are declared.

#### *Treasury shares*

Where the Employee Share Scheme purchases the Bank's equity share capital (treasury shares), the consideration paid, including any directly attributable incremental costs (net of taxes) is deducted from equity attributable to the Bank's stockholders until the shares are cancelled, reissued or disposed of. Where the shares are subsequently sold or reissued, any consideration received, net of directly attributable incremental transaction costs and the related income tax effects, is included in equity attributable to the Bank's stockholders.

### (y) Fiduciary activities

The Group acts as trustee and in other fiduciary capacities that result in holding or placing of assets on behalf of individuals, trusts, retirement benefit plans and other third parties. These assets and income arising thereon are excluded from these financial statements, as they are not assets of the Group.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 3. Critical Accounting Estimates and Judgements in Applying Accounting Policies

The Group's financial statements and its financial results are influenced by accounting policies, assumptions, estimates and management judgment, which necessarily have to be made in the course of preparation of the financial statements.

The Group makes estimates and assumptions that may affect the reported amounts of assets and liabilities within the next financial year. All estimates and assumptions required in conformity with IFRS are best estimates undertaken in accordance with the applicable standard.

Estimates and judgments are continuously evaluated and are based on past experience and other factors, including expectations with regard to future events. Accounting policies and management's judgments for certain items are especially critical for the Group's results and financial position due to their materiality.

#### ***Income taxes***

There are many transactions and calculations for which the ultimate tax determination is uncertain during the ordinary course of business. The Group recognises liabilities for actual and anticipated tax audit issues based on estimates of whether additional taxes will be due. In determining these estimates, management considers the merit of any tax audit issues raised, based on their interpretation of the taxation laws, and their knowledge of any precedents established by the taxation authorities. Where the final tax outcome of these matters is different from the amounts that were initially recorded, such differences could materially impact the current tax and deferred tax provisions in the period in which such determination is made.

#### ***Impairment losses on loans and advances***

The Group reviews its loan portfolio to assess impairment at least on a monthly basis. In determining whether an impairment loss should be recorded in the income statement, the Group makes judgments as to whether there is any observable data indicating that there is a measurable decrease in the estimated future cash flows from loans. This evidence may include observable data indicating that there has been an adverse change in the payment status of borrowers in a group, or national or local economic conditions that correlate with defaults on assets in the Group. Management uses estimates based on historical loss experience for assets with credit risk characteristics and objective evidence of impairment similar to those in the portfolio when scheduling its future cash flows. The methodology and assumptions used for estimating both the amount and timing of future cash flows are reviewed regularly to reduce any differences between loss estimates and actual loss experience.

#### ***Estimates of future benefit payments and premiums arising from long duration insurance contracts***

The determination of the liabilities under insurance contracts represents the liability for future benefits payable by the Group based on contracts for the life assurance business in force at the date of the statement of financial position using the Policy Premium Method. These liabilities represent the amount which, together with future premiums and investment returns will, in the opinion of the actuary, be sufficient to pay future benefits relating to contracts of insurance in force, as well as meet the expenses incurred in connection with such contracts. The Policy Premium Method of valuation is based on assumptions of mortality, persistency, investment income, renewal expenses and other assumptions considered appropriate to be included in the basis for the determination of the liabilities of the Group under the terms of its life insurance policy contracts in force. A margin for risk or uncertainty (adverse deviations) in these assumptions is added to the liability. The assumptions are examined each year in order to determine their validity in light of current best estimates or to reflect emerging trends in the Group's experience.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 3. Critical Accounting Estimates and Judgements in Applying Accounting Policies (Continued)

#### ***The ultimate liability arising from claims made under insurance contracts***

For the property and casualty insurance business, outstanding claims comprise estimates of the amount of reported losses and loss expenses and a provision for losses incurred but not reported (IBNR) based on the historical experience of the Group and industry data. These claims are analysed separately between those arising from damage to insured property and consequential losses. Claims arising from damage to insured property can be estimated with greater reliability, and the Group's estimation processes reflect all the factors that influence the amount and timing of cash flows from these contracts. The shorter settlement period for these claims allow the Group to achieve a higher degree of certainty about the estimated cost of claims, and relatively little IBNR is held at year-end. However, the longer time needed to assess the emergence of claims arising from consequential losses makes the estimation process more uncertain for these claims. Significant delays may occur in the notification of claims and a substantial measure of experience and judgement is involved in assessing outstanding liabilities, the ultimate cost of which cannot be known with certainty as at the reporting date. The reserve for claims outstanding is determined on the basis of information currently available; however, it is inherent in the nature of the business written that the ultimate liabilities may vary as a result of subsequent developments.

#### ***Future obligations for post-employment benefits***

The cost of these benefits and the present value of the future obligations depend on a number of factors that are determined by actuaries using a number of assumptions. The assumptions used in determining the net periodic cost or income for retirement benefits include the expected long-term rate of return on the relevant plan assets, the discount rate and, in the case of health benefits, the expected rate of increase in health costs. Any changes in these assumptions will impact the net periodic cost or income recorded for retirement benefits and may affect planned funding of the pension plan. The expected return on plan assets assumption is determined on a uniform basis, considering long-term historical returns, asset allocation and future estimates of long-term investment returns. The Group determines the appropriate discount rate at the end of each year, which represents the interest rate that should be used to determine the present value of estimated future cash outflows expected to be required to settle the retirement benefit obligations. In determining the appropriate discount rate, the Group considered interest rate on government bonds that are denominated in the currency in which the benefits will be paid, and have terms to maturity approximating the terms of the related obligations. The expected rate of increase of health costs has been determined by comparing the historical relationship of the actual health cost increases with the rate of inflation. Other key assumptions for the retirement benefits are based on current market conditions.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 3. Critical Accounting Estimates and Judgements in Applying Accounting Policies (Continued)

#### Interests in structured entities

##### *Unit Trust Scheme*

The Group manages a Unit Trust Scheme comprising six portfolios – the JMD Money Market Portfolio, the JMD High Yield Portfolio, the Caribbean Equity Portfolio, the USD Money Market Portfolio, the USD Indexed Bond Portfolio and the USD Bond Portfolio. The Unit Trust has an independent trustee. The Group is the investment manager of the Unit Trust. Determining whether the Group controls the Unit Trust requires judgement. This would include a consideration of the investors' rights to remove the investment manager and an assessment of the exposure to variability arising from the aggregate economic interests of the Group in the Trust.

The Group as investment manager earns income from preliminary charges ranging from 0-4% and management fees ranging from 1.5-1.75% on these Unit Trust portfolios and the Group owns 0.58% of the units in the Unit Trust at September 30, 2016.

In addition, pending the availability of investments consistent with the investment objective of each portfolio, a significant portion of the Unit Trust funds are invested in cash equivalent instruments issued by the Group. These are short-term fixed rate instruments with maturities of 90 days or less, collateralised by Government of Jamaica securities, that face an insignificant risk of changes in fair value. The interest margin earned by the Group on these instruments is immaterial to the results of its operations.

Management has concluded that, although the contractual terms provide the Group with power over the Unit Trust, the Group is acting as an agent for the investors in the Unit Trust as management does not consider the Group's aggregate interest in the Unit Trust to be significant. Management does not believe that the investment of Unit Trust funds in cash equivalent instruments issued by the Group changes this conclusion as (i) this investment is intended to be temporary and not representative of the Unit Trust's purpose or investment objective (ii) the investment is in cash equivalent instruments subject to an insignificant risk of changes in fair value that bear interest at market rates and (iii) the investment does not expose the Group to any additional variability of returns from the Unit Trust beyond its insignificant aggregate interest through fees and unit holdings. The Unit Trust has therefore not been consolidated.

##### *NCBFG*

During the year, the Group concluded negotiations to purchase 29.99% of the issued share capital of Guardian Holdings Limited (GHL). The vehicle through which the transaction was executed was NCBFG, a related entity in which the Bank has no beneficial ownership interest. The acquisition of the shares of GHL was financed by a loan from the Bank to NCBFG. The board of directors of NCBFG comprises solely directors of the Bank, including executive management.

Management of the Group has consolidated the results of NCBFG on the basis that it has control by virtue of the board composition. NCBFG was used to acquire the shares in Guardian Holdings Limited; a transaction which it would not have been able to execute, without the funding of the Group.

In consolidating NCBFG, the Group also equity accounts for the 29.99% of the issued share capital of GHL. Significant influence by Group over GHL has been established through representation on its board of directors, by members of the Board of NCBFG, who include members of the Bank's management team. Management has also considered the existence of an option to acquire an additional shareholding in GHL which would give the Group control. Management is of the view that the effort required to exercise the option does not give a substantive right to control.



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 3. Critical Accounting Estimates and Judgements in Applying Accounting Policies (Continued)

#### Investments in Associated Companies

In accounting for the acquisition of Guardian Holdings Limited, the Group has provisionally identified and ascribed certain values to intangible assets, as required by IFRS 3 and IAS 28, as part of the purchase price allocation. The values for those intangibles assets have been determined using established valuation techniques. In applying those valuation techniques, management makes assumptions regarding cash flows, growth rates for those cash flows, certain earnings ratios, discount factors and terminal growth rates. The values arrived at for the intangible assets are sensitive to changes in those assumptions.

For its investments in associated companies which are listed on local and regional stock exchanges, the carrying values using the equity method exceed market capitalisation. Consequent on this, management has made determinations as to whether there are impairment indicators, which would require a formal impairment assessment. In determining whether there are impairment indicators, management has determined whether there has been a significant or prolonged decline below purchase price for the investments, and whether or not there are performance indicators which imply impairment. Where no such indicators, exist, management has concluded that there is no impairment and has not adjusted the carrying value.

Where such indicators exist, management has carried out formal impairment assessments, which seek to establish a model based valuation for the holdings. The models utilise assumptions referenced above, and the values determined bear similar levels of sensitivity.

Based on the foregoing assessments and activities, management has determined that none of the Group's investments in associated companies is impaired.

### 4. Responsibilities of the Appointed Actuaries and External Auditors

The Boards of Directors of the insurance subsidiaries, pursuant to the Insurance Act, appoint the Actuaries. Their responsibility is to carry out an annual valuation of the Group's policyholders' liabilities in accordance with accepted actuarial practice and regulatory requirements and report thereon to the policyholders and shareholders. In performing the valuations using the Policy Premium Method, the Actuaries make assumptions as to the future rates of interest, asset defaults, mortality, morbidity, claims experience, policy termination, inflation, reinsurance recoveries, expenses and other contingencies, taking into consideration the circumstances of the Group and the insurance policies in force.

The shareholders pursuant to the Companies Act appoint the external auditors. Their responsibility is to conduct an independent and objective audit of the financial statements in accordance with International Standards on Auditing and report thereon to the shareholders. In carrying out their audit, the auditors also make use of the work of the Appointed Actuaries and their report on the policyholders' liabilities.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 5. Segment Reporting

The Group is organised into the following business segments:

- (a) Retail & SME – This incorporates the provision of banking services to individual and small and medium business clients and money remittance services.
- (b) Payment services – This incorporates the provision of card related services.
- (c) Corporate banking – This incorporates the provision of banking services to large corporate clients.
- (d) Treasury & correspondent banking – This incorporates the Bank's liquidity and investment management function, management of correspondent bank relationships, and relationships with other financial institutions as well as foreign currency dealing activities.
- (e) Wealth, asset management & investment banking – This incorporates stock brokerage, securities trading, investment management and other financial services provided by subsidiaries.
- (f) Life insurance & pension fund management – This incorporates life insurance, pension and investment management services.
- (g) General insurance – This incorporates property and casualty insurance services.
- (h) The Group's insurance brokerage services, trustee services and registrar and transfer agent services are classified as Other for segment reporting.

The Group's operations are located mainly in Jamaica. The operations of subsidiaries located overseas account for less than 10% of the Group's external operating revenue, assets and capital expenditure.

#### ***Unallocated assets and liabilities***

Unallocated assets and liabilities comprise current income tax payable and recoverable, deferred income tax assets and liabilities and assets and liabilities of support units of the Bank that are not allocated to the banking segments.

#### ***Direct allocated costs and unallocated corporate expenses***

Costs incurred by the support units of the Bank are allocated to the business segments based on certain criteria determined by management. These criteria include staff complement, square footage and time spent providing the service to the business segment. The expenses that are allocated are mainly staff costs, depreciation and amortisation and other operating expenses and are treated as direct allocated costs.

Costs allocated to the banking segments are reported directly by those segments to the Group Managing Director and Board of Directors. Costs allocated to the non-banking segments are not included in the individual internal reports presented by those segments and are treated as unallocated corporate expenses.

#### ***Eliminations***

Eliminations comprise inter-company and inter-segment transactions.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 5. Segment Reporting (Continued)

Year ended September 30, 2016	Consumer and SME		Corporate Banking	Treasury & Correspondent Banking	Wealth, Asset Management & Investment Banking	Life Insurance & Pension Fund Management	General Insurance	Other	Eliminations	Total
	Retail & SME	Payment Services								
	\$'000	\$'000								
External revenue	14,925,163	9,929,023	6,270,125	10,006,538	10,576,564	7,798,305	6,139,547	108,428	-	65,753,693
Revenue from other segments	3,528,610	-	35,503	4,575,822	681,768	106,125	199,898	58,050	(9,185,776)	-
<b>Total revenue</b>	<b>18,453,773</b>	<b>9,929,023</b>	<b>6,305,628</b>	<b>14,582,360</b>	<b>11,258,332</b>	<b>7,904,430</b>	<b>6,339,445</b>	<b>166,478</b>	<b>(9,185,776)</b>	<b>65,753,693</b>
Interest income	14,464,834	3,602,442	5,315,981	11,531,826	7,515,905	3,054,322	729,906	19,616	(7,078,666)	39,156,166
Interest expense	(1,593,452)	(1,150,273)	(2,781,003)	(7,369,888)	(3,674,533)	(901,311)	-	(1,202)	6,460,029	(11,011,633)
<b>Net interest income</b>	<b>12,871,382</b>	<b>2,452,169</b>	<b>2,534,978</b>	<b>4,161,938</b>	<b>3,841,372</b>	<b>2,153,011</b>	<b>729,906</b>	<b>18,414</b>	<b>(618,637)</b>	<b>28,144,533</b>
Net fee and commission income	3,681,685	3,616,947	929,209	403,456	877,439	1,259,483	148,330	12,331	(85,166)	10,843,714
Gain on foreign currency and investment activities	190,633	21,989	49,274	2,447,138	2,186,958	382,585	299,733	75,232	(924,348)	4,729,194
Premium income	-	-	-	-	-	3,144,694	5,097,970	-	(250,971)	7,991,693
Other operating income and dividend income	41,491	2,862	754	194,320	638,807	63,347	63,507	59,300	(851,279)	213,109
<b>Total operating income</b>	<b>16,785,191</b>	<b>6,093,967</b>	<b>3,514,215</b>	<b>7,206,852</b>	<b>7,544,576</b>	<b>7,003,120</b>	<b>6,339,446</b>	<b>165,277</b>	<b>(2,730,401)</b>	<b>51,922,243</b>
Staff costs	5,763,194	544,362	259,245	168,738	1,001,611	759,347	954,221	69,032	(78,885)	9,440,865
Provision for credit losses Policyholders' and annuitants' benefits and reserves	714,575	286,866	(412,381)	1,706	21,316	-	-	-	-	612,082
Depreciation and amortisation	267,669	285,228	6,972	47,109	63,556	58,207	73,838	208	71,644	874,431
Other operating expenses	2,725,708	2,133,419	525,814	808,506	1,262,449	756,718	742,139	6,904	(406,177)	8,555,481
<b>Total operating expenses</b>	<b>9,471,146</b>	<b>3,249,875</b>	<b>379,650</b>	<b>1,026,059</b>	<b>2,348,932</b>	<b>2,659,167</b>	<b>4,987,665</b>	<b>76,144</b>	<b>(423,137)</b>	<b>23,775,502</b>
<b>Operating profit before allocated costs</b>	<b>7,314,045</b>	<b>2,844,092</b>	<b>3,134,565</b>	<b>6,180,793</b>	<b>5,195,644</b>	<b>4,343,953</b>	<b>1,351,781</b>	<b>89,133</b>	<b>(2,307,265)</b>	<b>28,146,741</b>
Allocated costs	(5,084,644)	(1,229,446)	(668,084)	(326,881)	-	-	-	-	-	(7,309,056)
<b>Operating profit c/fwd</b>	<b>2,229,401</b>	<b>1,614,646</b>	<b>2,466,481</b>	<b>5,853,912</b>	<b>5,195,644</b>	<b>4,343,953</b>	<b>1,351,781</b>	<b>89,133</b>	<b>(2,307,265)</b>	<b>20,837,686</b>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 5. Segment Reporting (Continued)

Year ended September 30, 2016	Consumer and SME		Corporate Banking \$'000	Treasury & Correspondent Banking \$'000	Wealth, Asset Management & Investment Banking \$'000	Life Insurance & Pension Fund Management \$'000	General Insurance \$'000	Other \$'000	Eliminations \$'000	Total \$'000
	Retail & SME \$'000	Payment Services \$'000								
<b>Operating profit b/fwd</b>	2,229,401	1,614,646	2,466,481	5,853,912	5,195,644	4,343,953	1,351,781	89,133	(2,307,265)	20,837,686
Unallocated corporate expenses										(2,741,614)
Share of profit of associates										832,480
<b>Profit before Taxation</b>										18,928,552
Taxation										(4,479,992)
<b>Net Profit</b>										14,448,560
<b>Segment assets</b>	219,755,477	18,213,178	79,609,290	214,267,834	156,846,325	42,101,382	14,036,822	1,129,946	(174,951,614)	571,008,640
Associates										34,787,067
Unallocated assets										1,873,726
<b>Total assets</b>										607,669,433
<b>Segment liabilities</b>	195,276,692	10,693,171	63,102,788	204,533,001	128,838,244	28,229,974	8,478,399	791,186	(138,229,118)	501,714,337
Unallocated liabilities										2,849,786
<b>Total liabilities</b>										504,564,123
<b>Capital expenditure</b>	1,256,881	746,813	117,962	42,858	415,091	204,485	102,500	18,490	-	2,905,080

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

## 5. Segment Reporting (Continued)

Year ended September 30, 2016	Total per segment report \$'000	Allocated expenses \$'000	Unallocated corporate expenses \$'000	Total per income statement \$'000
<b>Reconciliation to income statement</b>				
Interest income	39,156,166	131	52	39,156,349
Interest expense	(11,011,633)	(15,071)	(5,875)	(11,032,579)
Net fee and commission income	10,843,714	49,467	19,286	10,912,467
Gain on foreign currency and investment activities	4,729,194	4,985	1,943	4,736,122
Premium income	7,991,693	-	-	7,991,693
Other operating income and dividend income	213,109	57,954	22,594	293,657
Staff costs	(9,440,865)	(3,142,865)	(1,225,293)	(13,809,023)
Provision for credit losses	(612,082)	(193)	(80)	(612,355)
Policyholders' and annuitants' benefits and reserves	(4,292,643)	-	-	(4,292,643)
Depreciation and amortisation	(874,431)	(737,469)	(287,514)	(1,899,414)
Other operating expenses	(8,555,481)	(3,525,994)	(1,266,727)	(13,348,202)
Operating profit	28,146,741	(7,309,055)	(2,741,614)	18,096,072

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 5. Segment Reporting (Continued)

Year ended September 30, 2015	Consumer and SME		Corporate Banking	Treasury & Correspondent Banking	Wealth, Asset Management & Investment Banking	Life Insurance & Pension Fund Management	General Insurance	Other	Eliminations	Total
	Retail & SME	Payment Services								
	\$'000	\$'000								
External revenue	14,665,200	9,496,483	5,774,109	9,558,547	8,629,700	6,747,868	6,211,680	100,306	-	61,183,893
Revenue from other segments	2,490,566	-	49,985	3,944,406	742,663	116,678	187,082	59,146	(7,590,526)	-
<b>Total revenue</b>	<b>17,155,766</b>	<b>9,496,483</b>	<b>5,824,094</b>	<b>13,502,953</b>	<b>9,372,363</b>	<b>6,864,546</b>	<b>6,398,762</b>	<b>159,452</b>	<b>(7,590,526)</b>	<b>61,183,893</b>
Interest income	13,583,980	3,625,573	5,160,030	11,257,827	7,250,593	2,976,973	730,558	26,297	(7,112,294)	37,499,537
Interest expense	(1,966,938)	(1,410,852)	(3,107,205)	(7,290,983)	(3,936,088)	(904,874)	-	(263)	7,112,294	(11,504,909)
<b>Net interest income</b>	<b>11,617,042</b>	<b>2,214,721</b>	<b>2,052,825</b>	<b>3,966,844</b>	<b>3,314,505</b>	<b>2,072,099</b>	<b>730,558</b>	<b>26,034</b>	<b>-</b>	<b>25,994,628</b>
Net fee and commission income	3,277,190	3,623,318	606,616	292,293	569,936	1,129,933	187,643	18,388	(45,748)	9,659,569
Gain on foreign currency and investment activities	163,522	18,672	39,976	1,785,626	1,469,833	188,220	67,668	54,034	(46,216)	3,741,335
Premium income	-	-	-	-	-	2,495,771	5,367,961	-	(222,111)	7,641,621
Other operating income and dividend income	10,858	5,353	699	158,153	79,733	73,649	44,932	60,735	(233,409)	200,703
<b>Total operating income</b>	<b>15,068,612</b>	<b>5,862,064</b>	<b>2,700,116</b>	<b>6,202,916</b>	<b>5,434,007</b>	<b>5,959,672</b>	<b>6,398,762</b>	<b>159,191</b>	<b>(547,484)</b>	<b>47,237,856</b>
Staff costs	5,128,981	465,143	154,839	148,561	629,457	711,055	832,581	73,821	(34,468)	8,109,970
Provision for credit losses	861,777	902,937	7,203	-	3,520	-	-	-	-	1,775,437
Policyholders' and annuitants' benefits and reserves	-	-	-	-	-	733,280	3,142,039	-	-	3,875,319
Depreciation and amortisation	196,012	208,167	7,611	41,493	32,942	54,837	73,711	1,096	71,642	687,511
Impairment losses on securities	-	-	-	-	38,319	41,446	-	-	-	79,765
Other operating expenses	2,785,072	1,902,475	529,186	849,737	1,062,752	882,138	816,778	33,784	(315,325)	8,546,597
<b>Total operating expenses</b>	<b>8,971,842</b>	<b>3,478,722</b>	<b>698,839</b>	<b>1,039,791</b>	<b>1,766,990</b>	<b>2,422,756</b>	<b>4,865,109</b>	<b>108,701</b>	<b>(278,151)</b>	<b>23,074,599</b>
<b>Operating profit before allocated costs</b>	<b>6,096,770</b>	<b>2,383,342</b>	<b>2,001,277</b>	<b>5,163,125</b>	<b>3,667,017</b>	<b>3,536,916</b>	<b>1,533,653</b>	<b>50,490</b>	<b>(269,333)</b>	<b>24,163,257</b>
Allocated costs	(4,203,436)	(1,025,031)	(558,988)	(270,689)	-	-	-	-	-	(6,058,144)
<b>Operating profit c/fwd</b>	<b>1,893,334</b>	<b>1,358,311</b>	<b>1,442,289</b>	<b>4,892,436</b>	<b>3,667,017</b>	<b>3,536,916</b>	<b>1,533,653</b>	<b>50,490</b>	<b>(269,333)</b>	<b>18,105,113</b>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 5. Segment Reporting (Continued)

Year ended September 30, 2015	Consumer and SME		Corporate Banking \$'000	Treasury & Correspondent Banking \$'000	Wealth, Asset Management & Investment Banking \$'000	Life Insurance & Pension Fund Management \$'000	General Insurance \$'000	Other \$'000	Eliminations \$'000	Total \$'000
	Retail & SME \$'000	Payment Services \$'000								
<b>Operating profit b/fwd</b>	1,893,334	1,358,311	1,442,289	4,892,436	3,667,017	3,536,916	1,533,653	50,490	(269,333)	18,105,113
Unallocated corporate expenses										(2,103,932)
Loss on dilution of Associate										(50,748)
Share of profit of associates										433,666
<b>Profit before Taxation</b>										16,384,099
Taxation										(4,082,309)
<b>Net Profit</b>										12,301,790
<b>Segment assets</b>	187,552,392	15,934,230	68,618,715	169,490,979	142,934,629	40,550,379	13,275,472	1,002,285	(124,477,454)	514,881,627
Associates										6,307,220
Unallocated assets										2,626,314
<b>Total assets</b>										523,815,161
<b>Segment liabilities</b>	167,379,411	9,179,603	56,457,970	159,502,976	120,704,477	27,828,069	8,455,060	153,526	(116,553,648)	433,107,444
Unallocated liabilities										2,313,505
<b>Total liabilities</b>										435,420,950
<b>Capital expenditure</b>	1,361,916	747,434	100,422	35,192	156,803	163,060	88,894	13,920	-	2,667,641

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

## 5. Segment Reporting (Continued)

Year ended September 30, 2015	Total per segment report \$'000	Allocated expenses \$'000	Unallocated corporate expenses \$'000	Total per income statement \$'000
<b>Reconciliation to income statement</b>				
Interest income	37,499,537	(9,823)	(3,830)	37,485,884
Interest expense	(11,504,909)	(12,192)	(4,753)	(11,521,854)
Net fee and commission income	9,659,569	91,969	35,855	9,787,393
Gain on foreign currency and investment activities	3,741,335	8,420	3,282	3,753,037
Premium income	7,641,621	-	-	7,641,621
Other operating income and dividend income	200,703	90,751	35,380	326,834
Staff costs	(8,109,970)	(2,757,470)	(1,075,042)	(11,942,482)
Provision for credit losses	(1,775,437)	(17,064)	(6,657)	(1,799,158)
Policyholders' and annuitants' benefits and reserves	(3,875,319)	-	-	(3,875,319)
Depreciation and amortisation	(687,511)	(630,306)	(245,734)	(1,563,551)
Impairment losses on securities	(79,765)	-	-	(79,765)
Other operating expenses	(8,546,597)	(2,822,429)	(842,433)	(12,211,459)
Operating profit	<u>24,163,257</u>	<u>(6,058,144)</u>	<u>(2,103,932)</u>	<u>16,001,181</u>



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 6 Net Interest Income

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b>Interest income</b>				
Loans and advances	21,371,923	20,154,437	21,720,344	19,987,908
Investment securities –				
Available-for-sale and loans and receivables	17,610,458	17,106,837	7,399,823	7,295,764
At fair value through profit or loss	76,867	64,783	24,881	-
Reverse repurchase agreements	51,222	117,038	92,422	65,372
Deposits and other	45,879	42,789	43,665	40,999
	<u>39,156,349</u>	<u>37,485,884</u>	<u>29,281,135</u>	<u>27,390,043</u>
<b>Interest expense</b>				
Customer deposits	2,209,018	2,677,047	2,246,422	2,726,260
Repurchase agreements	3,765,072	5,147,609	1,240,176	2,323,944
Policyholders' benefits	894,754	901,534	-	-
Securitisation arrangements	3,069,176	1,817,550	3,069,176	1,817,550
Other borrowed funds and amounts due from other banks	1,094,524	976,874	743,195	714,226
Other	35	1,240	35	1,233
	<u>11,032,579</u>	<u>11,521,854</u>	<u>7,299,004</u>	<u>7,583,213</u>
<b>Net interest income</b>	<u>28,123,770</u>	<u>25,964,030</u>	<u>21,982,131</u>	<u>19,806,830</u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 7. Net Fee and Commission Income

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
<b>Fee and commission income</b>				
Retail and SME	3,674,187	3,332,588	3,675,517	3,301,638
Payment services	6,289,749	5,829,913	6,289,749	5,829,913
Corporate banking	933,785	615,124	933,785	615,124
Treasury and correspondent banking	362,303	257,138	405,926	296,885
Wealth, asset management & investment banking	877,439	569,936	-	-
Life insurance and pension fund management	1,259,483	1,129,933	-	-
General insurance	148,330	187,643	-	-
Other	30,596	54,242	19,286	35,854
	<u>13,575,872</u>	<u>11,976,517</u>	<u>11,324,263</u>	<u>10,079,414</u>
<b>Fee and commission expense</b>				
Payment services	2,663,405	2,189,124	2,663,405	2,189,124
	<u>10,912,467</u>	<u>9,787,393</u>	<u>8,660,858</u>	<u>7,890,290</u>

### 8. Gain on Foreign Currency and Investment Activities

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Net foreign exchange gains	2,097,424	1,576,274	1,975,556	1,147,304
Loss on sale of debt securities held for trading	(146)	(3,811)	-	-
Gain on sale of other debt securities	2,768,696	2,230,945	992,810	846,695
Fair value loss on embedded put option	(319,006)	(33,061)	(319,006)	(33,061)
Gain/(loss) on sale of equity securities	146,154	(8,310)	-	4,023
Fair value gain/(loss) on revaluation of investment property (Note 26)	43,000	(9,000)	-	-
	<u>4,736,122</u>	<u>3,753,037</u>	<u>2,649,360</u>	<u>1,964,961</u>

Net foreign exchange gains include gains and losses arising from translation of assets and liabilities denominated in foreign currencies as well as those arising from foreign currency dealing activities.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 9. Premium Income

	<u>The Group</u>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Annuity contracts	1,405,549	1,377,422
Life insurance contracts	1,739,145	1,084,121
General insurance contracts	4,846,999	5,180,078
	<u>7,991,693</u>	<u>7,641,621</u>

## 10. Dividend Income

	<u>The Group</u>		<u>The Bank</u>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Subsidiaries	-	-	5,703,398	2,333,310
Associates	-	-	158,648	137,227
Other equity securities	149,921	126,095	33,181	22,760
	<u>149,921</u>	<u>126,095</u>	<u>5,895,227</u>	<u>2,493,297</u>

## 11. Staff Costs

	<u>The Group</u>		<u>The Bank</u>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Wages, salaries, allowances and benefits	11,958,602	10,099,723	9,549,947	8,299,896
Payroll taxes	1,090,519	972,486	900,025	801,734
Pension costs – defined contribution plans	359,033	316,261	290,649	274,816
Pension costs – defined benefit plans (Note 37)	36,063	38,719	-	-
Termination benefits	46,650	120,837	47,963	78,061
Other post-employment benefits (Note 37)	318,156	394,456	308,430	247,135
	<u>13,809,023</u>	<u>11,942,482</u>	<u>11,097,014</u>	<u>9,701,642</u>

### *Wages, salaries, allowances and benefits*

Included in wages, salaries, allowances and benefits are base salaries for employees. Amounts also include annual incentive and merit awards based on performance, annual and non-annual lump-sum fringe benefits, including those that have been agreed based on collective bargaining with the trade unions representing staff.

Employees are categorised as permanent pensionable, contract, part-time and temporary.

### *Pension costs – defined contribution plan*

The Group contributes a fixed 5% of base salary for pensionable staff into a defined contribution plan and there is no legal or constructive obligation to make further contributions.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 12. Policyholders' and Annuitants' Benefits and Reserves

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Annuity contracts	2,035,949	1,976,695
Life insurance contracts	(951,056)	(1,243,415)
General insurance contracts	3,207,750	3,142,039
	<u>4,292,643</u>	<u>3,875,319</u>

The above amounts include insurance claims by policyholders amounting to \$265,850,000 (2015 – \$159,551,000) in respect of life insurance and annuity contracts and \$2,972,367,000 (2015 – \$2,620,472,000) in respect of general insurance contracts.

### 13. Impairment Losses on Securities

This represents impairment losses recognised in the prior year by certain subsidiaries of the Bank on investment securities classified as available-for-sale.

### 14. Other Operating Expenses

	<b>The Group</b>		<b>The Bank</b>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Auditors' remuneration	105,028	72,795	29,271	25,774
Credit card rebates	776,812	610,906	776,812	610,906
Insurance and premiums	248,592	248,325	411,821	384,538
Commission to insurance brokers	245,684	243,376	-	-
Irrecoverable general consumption tax and asset tax	2,617,187	2,556,700	2,134,336	1,849,898
License and transaction processing fees	1,410,608	1,021,892	1,210,347	840,337
Marketing, customer care, advertising and donations	1,534,465	1,472,156	1,242,230	1,138,152
Operating lease rentals	219,265	192,726	140,438	131,645
Premium tax on life insurance contracts	-	25,759	-	-
Property, vehicle and ABM maintenance and utilities	2,688,929	2,476,053	2,383,583	2,236,328
Receivership expenses	116,766	110,148	116,766	110,148
Stationery	149,459	214,079	113,003	165,077
Technical, consultancy and professional fees	1,356,295	1,419,353	898,413	1,039,703
Travelling, courier and telecommunication	978,956	894,226	813,896	780,538
Other	900,156	652,965	690,756	395,952
	<u>13,348,202</u>	<u>12,211,459</u>	<u>10,961,672</u>	<u>9,708,996</u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 15. Taxation

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Current:				
Income tax	6,434,595	4,547,118	4,097,866	2,400,356
Investment income tax at 15%	-	43,105	-	-
Prior year (over)/under provision	(211,432)	123,729	35,561	149,097
Deferred income tax (Note 29)	(1,743,171)	(631,643)	(1,556,152)	(676,918)
	<u>4,479,992</u>	<u>4,082,309</u>	<u>2,577,275</u>	<u>1,872,535</u>

On September 29, 2015, the Provisional Collection of Tax (Income Tax) Order, 2015 was issued amending the income tax regime for life insurance companies effective for the year of assessment 2015. With effect from January 1, 2015, the Group's life insurance subsidiary is subject to income tax on its taxable profits at a rate of 25%. Prior to the amendment, the subsidiary was subject to tax on its investment income net of applicable expenses at a rate of 15% and was also subject to a premium tax of 3% on its premium income. Accordingly, for the year ended September 30, 2015:

- Income tax at 25% on the taxable profits of the life insurance subsidiary for the nine-month period from January 1, 2015 to September 30, 2015 as well as investment income tax for the three-month period from October 1, 2014 to December 31, 2014 are included in the Group's taxation charge, and
- Premium tax at 3% for the three-month period from October 1, 2014 to December 31, 2014 is included in other operating expenses in Note 14.

The tax on profit differs from the theoretical amount that would arise using the basic statutory rate of 25% for the life insurance subsidiary, 33½% for the Bank and other "regulated companies", 21% for the subsidiary incorporated in the United Kingdom and 25% for all other subsidiaries (with the exception of the subsidiaries incorporated in Cayman Islands and the NCB Employee Share Scheme which are not subject to income tax), as follows:

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Profit before tax	<u>18,928,552</u>	<u>16,384,099</u>	<u>15,033,627</u>	<u>9,761,017</u>
Tax calculated at actual tax rates	5,926,338	4,942,825	5,011,209	3,253,673
Income not subject to tax or in respect of which tax has been remitted	(1,194,888)	(1,392,149)	(792,674)	(913,090)
Expenses not deductible for tax purposes	414,892	541,075	283,278	260,807
Effect of share of profit of associates included net of tax	(81,169)	(103,393)	-	-
Effect of change in tax rate applicable to life insurance subsidiary	33,698	48,069	-	-
Effect of different tax rates applicable to dividend income	(4,963)	(52,022)	(1,960,099)	(827,682)
Deferred tax not recognised	(405,574)	129,191	-	135,104
Prior year (over)/under provision	(211,432)	123,729	35,561	149,097
Other	3,090	(155,016)	-	(185,374)
Taxation expense	<u>4,479,992</u>	<u>4,082,309</u>	<u>2,577,275</u>	<u>1,872,535</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 15. Taxation (Continued)

Tax (charge)/credit relating to components of other comprehensive income is as follows:

	The Group			The Bank		
	Before Tax \$'000	Tax \$'000	After Tax \$'000	Before Tax \$'000	Tax \$'000	After Tax \$'000
<b>At 30 September 2016</b>						
Currency translation gains	703,172	-	703,172	-	-	-
Fair value gains on available-for-sale investments, net of gains recycled to profit or loss	6,935,776	(1,657,076)	5,278,700	2,708,594	(884,727)	1,823,867
Remeasurement of post-employment benefit obligation	94,709	(31,570)	63,139	79,242	(26,414)	52,828
<b>Other comprehensive income</b>	<b>7,733,657</b>	<b>(1,688,646)</b>	<b>6,045,011</b>	<b>2,787,836</b>	<b>(911,141)</b>	<b>1,876,695</b>
Deferred income tax (Note 29)		<u>(1,688,646)</u>		<u>(911,141)</u>		

	The Group			The Bank		
	Before Tax \$'000	Tax \$'000	After Tax \$'000	Before Tax \$'000	Tax \$'000	After Tax \$'000
<b>At 30 September 2015</b>						
Currency translation gains	260,083	-	260,083	-	-	-
Fair value gains on available-for-sale investments, net of gains recycled to profit or loss	(13,906)	(51,861)	(65,767)	66,711	(113,388)	(46,677)
Remeasurement of post-employment benefit obligation	(387,912)	129,304	(258,608)	(419,779)	139,926	(279,853)
<b>Other comprehensive income</b>	<b>(141,735)</b>	<b>77,443</b>	<b>(64,292)</b>	<b>(353,068)</b>	<b>26,538</b>	<b>(326,530)</b>
Deferred income tax (Note 29)		<u>77,443</u>		<u>26,538</u>		

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 16. Earnings per Stock Unit

Basic earnings per stock unit is calculated by dividing the net profit attributable to stockholders by the weighted average number of ordinary stock units in issue during the year. Diluted earnings per stock unit equals basic earnings per stock unit as there are no potential dilutive ordinary stock units.

	2016	2015
Net profit attributable to stockholders (\$'000)	15,636,446	12,301,790
Weighted average number of ordinary stock units in issue ('000)	2,461,469	2,461,469
Basic and diluted earnings per stock unit (\$)	<u>6.35</u>	<u>5.00</u>

### 17. Cash in Hand and Balances at Central Banks

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Cash in hand	4,668,373	3,570,891	4,665,833	3,564,901
Balances with Central Banks other than statutory reserves	871,911	2,056,351	857,064	2,017,172
Included in cash and cash equivalents	5,540,284	5,627,242	5,522,897	5,582,073
Statutory reserves with Central Banks – interest-bearing	159,238	8,501,646	159,238	8,501,646
Statutory reserves with Central Banks – non-interest-bearing	29,673,027	14,745,572	29,435,490	14,619,919
	<u>35,372,549</u>	<u>28,874,460</u>	<u>35,117,625</u>	<u>28,703,638</u>
Interest receivable	592	630	592	630
	<u>35,373,141</u>	<u>28,875,090</u>	<u>35,118,217</u>	<u>28,704,268</u>

Statutory reserves with Central Banks represent the required ratio of prescribed functional and foreign currency liabilities. They are not available for investment, lending or other use by the Group. No interest is earned on JMD and GBP reserves and interest on the USD reserves was discontinued during the year, effective November 30, 2015. Effective October 3, 2016, the payment of interest on all other foreign currency cash reserves was discontinued.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 18. Due from Other Banks

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Items in course of collection from other banks	316,093	812,817	314,715	812,659
Placements with other banks	45,631,693	24,867,558	41,068,665	22,059,797
	45,947,786	25,680,375	41,383,380	22,872,456
Interest receivable	1,839	18,200	492	86
	45,949,625	25,698,575	41,383,872	22,872,542
Less: Placements pledged as collateral for letters of credit (Note 24)	(2,129,075)	(1,634,342)	(2,129,075)	(1,634,342)
	43,820,550	24,064,233	39,254,797	21,238,200

Placements with other banks include short term fixed deposits and other balances held with correspondent banks. These bank balances are held to facilitate the payment of wire transfers, bank drafts, treasury related activities and to satisfy liquidity requirements.

The amounts included as cash equivalents in the statement of cash flows are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Due from other banks	43,820,550	24,064,233	39,254,797	21,238,200
Less: amounts restricted to the settlement of obligations under securitisation arrangements	(405,679)	(641,035)	(405,679)	(641,035)
	43,414,871	23,423,198	38,849,118	20,597,165

### 19. Derivative Financial Instruments

The carrying values of derivatives for the Group and the Bank are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>				
Embedded put option	203,609	433,989	203,609	433,989
Equity indexed options	72,820	52,794	-	-
	276,429	486,783	203,609	433,989
<b>Liabilities</b>				
Equity indexed options	72,820	52,794	-	-
	72,820	52,794	-	-



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 19. Derivative Financial Instruments (Continued)

Derivatives are carried at fair value in the statement of financial position as separate assets and liabilities. Asset values represent the cost to the Group of replacing all transactions with a fair value in the Group's favour assuming that all relevant counterparties default at the same time, and that transactions can be replaced instantaneously. Liability values represent the cost to the Group's counterparties of replacing all their transactions with the Group with a fair value in their favour if the Group was to default.

#### **Embedded put option**

The Bank holds certain Government of Jamaica debt securities which were issued in February 2013 and mature in February 2024. The terms of these securities contain an investor put option exercisable in February 2018 under which the holder may require the Government of Jamaica to redeem the securities at 100% of the principal value plus any accrued interest. This embedded put option has been separated and recognised as a financial asset in the statement of financial position. Gains and losses arising from changes in the fair value of the option are reflected in "Gain/(loss) on foreign currency and investment activities" (Note 8).

#### **Equity indexed options**

The derivative liability represents the equity index option element of principal protected notes issued by the Group (Note 33(f)) and is carried at fair value.

The derivative asset represents equity index options purchased by the Group to match the liability. The terms of the purchased options are identical to those included in the principal protected notes issued by the Group. The Group is exposed to credit risk on purchased options to the extent of the carrying amount, which is their fair value.

### 20. Investment Securities at Fair Value through Profit or Loss

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Government of Jamaica debt securities	1,555,655	467,741	1,082,094	-
Government of Jamaica guaranteed corporate bonds	147,334	14,606	-	-
	1,702,989	482,347	1,082,094	-
Other corporate bonds	531,461	146,546	-	-
Foreign government	163,952	81,039	-	-
Quoted equity securities	694,563	221,503	-	-
Other securities	521	-	-	-
	3,093,486	931,435	1,082,094	-
Interest receivable	26,387	11,749	6,426	-
	3,119,873	943,184	1,088,520	-
Less pledged securities (Note 24)	(162,883)	-	-	-
	2,956,990	943,184	1,088,520	-

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

### 21. Reverse Repurchase Agreements

The Group and the Bank enter into collateralised reverse repurchase agreements which may result in credit exposure in the event that the counterparty to the transaction is unable to fulfill its contractual obligations. Included within reverse repurchase agreements is related accrued interest receivable of \$9,052,000 (2015 – \$5,566,000) and \$356,000 (2015 – \$39,000) for the Group and the Bank, respectively.

At September 30, 2016, the Group and the Bank held \$2,932,058,000 (2015 – \$3,547,463,000) and \$308,951,000 (2015 – \$2,806,608,000), respectively, of securities, mainly representing Government of Jamaica debt securities, as collateral for reverse repurchase agreements. Of amounts received as collateral for reverse repurchase agreements, the Group and the Bank have pledged \$351,000,000 (2015 – \$Nil) and \$Nil (2015 - \$Nil) as collateral for some of their own repurchase agreements.

Included in reverse repurchase agreements for the Group and the Bank are securities with an original maturity of less than 90 days amounting to \$1,319,906,000 (2015 – \$1,698,845,000) and \$294,239,000 (2015 – \$2,601,504,000), respectively, which are regarded as cash equivalents for purposes of the statement of cash flows.

### 22. Loans and Advances

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Gross loans and advances	192,392,506	169,232,275	217,059,562	166,493,541
Provision for credit losses	(3,782,255)	(4,435,188)	(3,744,310)	(4,419,629)
	188,610,251	164,797,087	213,315,252	162,073,912
Interest receivable	445,536	607,519	1,048,488	601,272
	189,055,786	165,404,606	214,363,740	162,675,184

The current portion of loans and advances amounted to \$39,060,230,000 (2015 – \$35,802,564,000) for the Group and \$50,416,371,000 (2015 – \$35,210,433,000) for the Bank.

The movement in the provision for credit losses determined under the requirements of IFRS is as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Balance at beginning of year	4,435,188	4,906,855	4,419,629	4,895,472
Provided during the year	1,522,160	2,448,421	1,500,844	2,444,901
Recoveries	(909,805)	(649,263)	(909,805)	(649,263)
Net charge to the income statement	612,355	1,799,158	591,039	1,795,638
Write-offs	(1,265,287)	(2,270,825)	(1,266,358)	(2,271,481)
Balance at end of year	3,782,255	4,435,188	3,744,310	4,419,629

The aggregate amount of non-performing loans on which interest was not being accrued amounted to \$6,043,525,000 as at September 30, 2016 (2015 – \$8,542,205,000).

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 22. Loans and Advances (Continued)

The provision for credit losses determined under Bank of Jamaica regulatory requirements is as follows:

	<b>The Group and The Bank</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Specific provision	6,108,124	8,560,445
General provision	2,121,840	1,580,865
	<u>8,229,964</u>	<u>10,141,310</u>
Excess of regulatory provision over IFRS provision recognised in the Bank reflected in non-distributable loan loss reserve (Note 41)	<u>4,447,709</u>	<u>5,706,122</u>

### 23. Investment Securities classified as Available-for-sale and Loans and Receivables

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Available-for-sale securities – at fair value		
Debt securities –		
Government of Jamaica and Bank of Jamaica	180,152,168	203,585,941
Government of Jamaica guaranteed corporate bonds	4,590,935	2,770,895
	<u>184,743,104</u>	<u>206,356,836</u>
Other corporate bonds	16,585,767	8,602,279
Foreign governments	7,543,768	2,331,787
Equity securities –		
Quoted	1,585,715	203,156
Unquoted	903,990	61,188
Unit Trust investments	551,521	285,619
	<u>211,913,868</u>	<u>217,840,865</u>
Loans and receivables – at amortised cost		
Debt securities –		
Government of Jamaica and Bank of Jamaica	41,405,112	40,147,372
Government of Jamaica guaranteed corporate bonds	4,046,333	3,841,316
	<u>45,451,445</u>	<u>43,988,688</u>
Other corporate bonds	11,473,261	9,552,733
	<u>56,924,706</u>	<u>53,541,421</u>
Interest receivable	3,711,094	3,662,230
Total investment securities	<u>272,549,668</u>	<u>275,044,516</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 23. Investment Securities classified as Available-for-sale and Loans and Receivables (Continued)

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Total investment securities, as above	272,549,668	275,044,516
Less: Pledged securities (Note 24)	(106,122,960)	(109,025,242)
Amount reported on the statement of financial position	<u>166,426,708</u>	<u>166,019,274</u>
	<b>The Bank</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Available-for-sale securities – at fair value		
Debt securities –		
Government of Jamaica and Bank of Jamaica	82,449,600	89,271,681
Government of Jamaica guaranteed corporate bonds	<u>2,992,954</u>	<u>1,347,444</u>
	85,442,554	90,619,125
Other corporate bonds	5,572,143	3,144,567
Foreign governments	1,054,143	-
Equity securities –		
Quoted	129,081	85,436
Unquoted	<u>18,255</u>	<u>18,255</u>
	<u>92,216,176</u>	<u>93,867,383</u>
Loans and receivables – at amortised cost		
Debt securities –		
Government of Jamaica and Bank of Jamaica	33,423,727	24,666,170
Other corporate bonds	<u>1,433,930</u>	<u>1,535,341</u>
	<u>34,857,657</u>	<u>26,201,511</u>
Interest receivable	<u>1,711,562</u>	<u>1,538,515</u>
Total investment securities	<u><u>128,785,395</u></u>	<u><u>121,607,409</u></u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 23. Investment Securities Classified as Available-for-sale and Loans and Receivables (Continued)

	<u>The Bank</u>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Total investment securities, as above	128,785,395	121,607,409
Less: Pledged securities (Note 24)	<u>(68,206,706)</u>	<u>(33,756,427)</u>
Amount reported on the statement of financial position	<u><u>60,578,689</u></u>	<u><u>87,850,982</u></u>

The current portion of total investment securities amounted to \$19,120,113,000 (2015 - \$14,370,997,000) for the Group and \$11,370,237,000 (2015 - \$13,306,544,000) for the Bank.

Included in investment securities are debt securities with an original maturity of less than 90 days amounting to \$1,653,236,000 (2015 - \$1,024,402,000) for the Group and \$56,097,000 (2015 - \$1,012,702,000) for the Bank which are regarded as cash equivalents for purposes of the statement of cash flows.

### 24. Pledged Assets

	<u>The Group</u>		<u>The Bank</u>	
	<b>2016</b>	<b>2015</b>	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Investment securities pledged as collateral for:				
Repurchase agreements	105,429,181	108,467,272	67,650,341	33,334,714
Clearing services	556,365	421,713	556,365	421,713
Investment securities held as security in respect of life insurance subsidiary	<u>137,413</u>	<u>136,257</u>	<u>-</u>	<u>-</u>
	106,122,959	109,025,242	68,206,706	33,756,427
Investment securities at fair value through profit or loss pledged as collateral for:				
Repurchase agreements	<u>162,883</u>	<u>-</u>	<u>-</u>	<u>-</u>
	106,285,842	109,025,242	68,206,706	33,756,427
Placements with other banks pledged as collateral for letters of credit	<u>2,129,075</u>	<u>1,634,342</u>	<u>2,129,075</u>	<u>1,634,342</u>
	<u><u>108,414,917</u></u>	<u><u>110,659,584</u></u>	<u><u>70,335,781</u></u>	<u><u>35,390,769</u></u>

The Financial Services Commission holds investment securities for certain subsidiaries in accordance with Section 8(1)(B) of the Insurance Regulations 2001.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

### 25. Investment in Associates

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
At the beginning of the year	6,307,220	5,913,804	2,208,203	2,208,203
Acquisition	27,952,114	-	-	-
Transfer to available-for-sale investments	-	(112,565)	-	-
Share of profits	832,480	433,666	-	-
Loss on dilution	-	(50,748)	-	-
Dividends received:				
Guardian Holdings Limited	(276,330)	-	-	-
JMMB Group Limited	(158,648)	(137,227)	-	-
Other	-	(5,704)	-	-
Movement in other reserves	130,231	265,994	-	-
At end of year	<u>34,787,067</u>	<u>6,307,220</u>	<u>2,208,203</u>	<u>2,208,203</u>

The acquisition of 29.99% shareholding in Guardian Holdings Limited (GHL) was completed in May 2016. The total number of shares acquired was 69,547,241 ordinary shares and the beneficial owner of the GHL shareholding is the Bank's nominee and affiliate, NCBFG. The Group has accounted for this investment as an associated company and will apply the equity method based on a three month lag. The purchase price allocation and the identification and valuation of the net assets acquired were done on a provisional basis, as allowed under IFRS 3. Finalisation of the purchase price allocation and the identification and valuation of the net assets in the upcoming financial year may require an adjustment to the financial statements, which, if material, may result in a prior year restatement.

The Group has used the financial statements of its associates as at June 30 for the purpose of equity accounting to facilitate the availability of financial information in accordance with the Group's reporting timetable. Adjustments are made for significant transactions or events, where identified, that occur between that date and September 30.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 25. Investment in Associates (Continued)

The carrying values of investment in associates and the values indicated by prices quoted on the Jamaica Stock Exchange ("JSE Indicative Value") and Trinidad and Tobago Stock Exchange ("TTSE Indicative Value") as at September 30 are as follows:

	<b>The Group</b>			
	<b>Carrying Value</b>	<b>JSE and TTSE Indicative Value</b>	<b>Carrying Value</b>	<b>JSE Indicative Value</b>
	<b>2016</b>	<b>2016</b>	<b>2015</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Guardian Holdings Limited	28,215,386	16,901,466	-	-
JMMB Group Limited	6,501,754	5,574,131	6,237,303	3,271,586
Other	69,927	-	69,927	-
	<u>34,787,067</u>	<u>22,475,597</u>	<u>6,307,220</u>	<u>3,271,586</u>
	<b>The Bank</b>			
<b>Carrying Value</b>	<b>JSE Indicative Value</b>	<b>Carrying Value</b>	<b>JSE Indicative Value</b>	
<b>2016</b>	<b>2016</b>	<b>2015</b>	<b>2015</b>	
<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	
JMMB Group Limited	2,208,203	5,574,131	2,208,203	3,271,586
	<u>2,208,203</u>	<u>5,574,131</u>	<u>2,208,203</u>	<u>3,271,586</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 25. Investment in Associates (Continued)

Management has conducted an impairment assessment in respect of these investments involving a review of the performance of the entities as well as the values of the underlying assets and determined that no impairment in the carrying values has occurred.

The following tables present summarised financial information in respect of the Group's associated companies.

	Guardian Holdings Limited \$'000	JMMB Group Limited \$'000	Other individually immaterial associates \$'000	Total \$'000
<b>2016</b>				
Current assets	46,406,961	29,051,434	64,872	75,523,267
Non-current assets	399,109,220	215,869,562	195,860	615,174,642
Current liabilities	18,798,247	160,705,922	13,325	179,517,493
Non-current liabilities	371,811,134	60,648,002	68,084	432,527,220
Revenue	21,679,028	19,838,103	193,638	31,705,064
Profit or loss from continuing operations	1,889,530	2,289,689	28,828	3,335,956
Other comprehensive income	(348,379)	(476,391)	-	(663,979)
Total comprehensive income	<u>1,544,758</u>	<u>1,813,298</u>	<u>28,828</u>	<u>2,673,919</u>
Percentage ownership	<u>29.99%</u>	<u>26.30%</u>		
Net assets of the associate - 100%	54,906,801	23,567,072		
Pre-acquisition goodwill and intangible assets	(11,948,703)	-		
Non-controlling interests	<u>(432,711)</u>	<u>(757,036)</u>		
Adjusted net assets	<u>42,525,387</u>	<u>22,810,036</u>		
Group share of adjusted net assets	12,753,363	5,999,039		
Fair values of intangible assets recognised on acquisition	15,462,023	862,477		
Accumulated amortisation	-	(359,762)		
Carrying amount	<u>28,215,386</u>	<u>6,501,754</u>		



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 25. Investment in Associates (Continued)

	JMMB Group Limited \$'000	Other individually immaterial associates \$'000	Total \$'000
<b>2015</b>			
Current assets	34,373,078	32,997	34,406,075
Non-current assets	188,172,693	200,881	188,373,574
Current liabilities	151,247,464	13,082	151,260,546
Non-current liabilities	48,941,729	70,301	49,012,030
Revenue	18,993,242	132,655	19,125,897
Profit or loss from continuing operations	2,071,342	498	2,071,840
Other comprehensive income	1,437,691	-	1,437,691
Total comprehensive income	<u>3,509,033</u>	<u>498</u>	<u>3,509,531</u>
Percentage ownership	<u>26.30%</u>		
Net assets of the associate - 100%	<u>22,356,578</u>		
Non-controlling interests	<u>(816,818)</u>		
Adjusted net assets	<u>21,539,760</u>		
Group share of adjusted net assets	5,664,957		
Fair values of intangible assets recognised on acquisition	862,477		
Accumulated amortisation	<u>(290,131)</u>		
Carrying amount	<u>6,237,303</u>		

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

## 26. Investment Property

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Balance at beginning of year	475,500	484,500
Transfers from fellow subsidiaries	6,417	-
Fair value gains/(losses) (Note 8)	43,000	(9,000)
Balance at end of year	<u>524,917</u>	<u>475,500</u>
Income earned from the properties	29,676	11,325
Expenses incurred by the properties	<u>(5,323)</u>	<u>(28,994)</u>

The Group did not classify any properties held under operating leases as investment properties. The properties held are stated at fair market value, as appraised by professional, independent valuers. The value for the property was determined using the direct capitalisation approach.

The valuations of investment property have been classified as Level 3 of the fair value hierarchy under IFRS 13, Fair Value Measurement.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 27. Intangible Assets

	The Group			
	Trade name	Customer relationships	Computer Software	Total
	\$'000	\$'000	\$'000	\$'000
	<b>2016</b>			
Net book value, at beginning of year	206,480	199,610	2,406,473	2,812,563
Additions	-	-	1,417,935	1,417,935
Reclassifications and adjustments	-	-	(7,694)	(7,694)
Amortisation charge	(11,949)	(59,694)	(705,964)	(777,607)
Net book value, at end of year	194,531	139,916	3,110,750	3,445,197
Cost	238,974	358,163	7,611,780	8,208,917
Accumulated amortisation	(44,443)	(218,247)	(4,501,030)	(4,763,720)
Closing net book value	194,531	139,916	3,110,750	3,445,197
	<b>2015</b>			
Net book value, at beginning of year	218,429	259,304	1,986,116	2,463,849
Additions	-	-	913,006	913,006
Reclassifications and adjustments	-	-	(264)	(264)
Amortisation charge	(11,949)	(59,694)	(492,385)	(564,028)
Net book value, at end of year	206,480	199,610	2,406,473	2,812,563
Cost	238,974	358,163	6,196,589	6,793,726
Accumulated amortisation	(32,494)	(158,553)	(3,790,116)	(3,981,163)
Closing net book value	206,480	199,610	2,406,473	2,812,563

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

## 27. Intangible Assets (Continued)

	<b>The Bank</b>	
	<b>Computer Software</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Net book value, at beginning of year	2,106,836	1,707,191
Additions	1,112,647	830,654
Amortisation charge	(613,054)	(431,009)
Reclassifications & adjustments	(7,791)	-
Net book value, at end of year	<u>2,598,638</u>	<u>2,106,836</u>
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Cost	6,511,444	5,404,922
Accumulated amortisation	(3,912,806)	(3,298,086)
Net book value	<u>2,598,638</u>	<u>2,106,836</u>

Computer software for the Group and the Bank at year end include items with a cost of \$786,609,000 (2015 - \$392,123,000) and \$645,486,000 (2015 - \$392,123,000), respectively, on which no amortisation has yet been charged as these software applications are in the process of implementation.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 28. Property, Plant and Equipment

	The Group					
	Freehold Land and Buildings	Leasehold Improvements	Motor Vehicles, Furniture & Equipment	Assets Capitalised Under Finance Leases	Work-in- Progress	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Cost -						
At October 1, 2014	4,903,798	627,286	7,976,109	669,915	564,631	14,741,739
Additions	78,528	17,034	718,748	135,558	804,707	1,754,575
Disposals	(25,535)	(165)	(34,783)	(119,842)	-	(180,325)
Transfers	442,877	14,997	288,846	-	(746,720)	-
Reclassifications and adjustments	-	-	2,606	-	(1,870)	736
At September 30, 2015	5,399,668	659,152	8,951,526	685,631	620,748	16,316,725
Additions	52,135	40,995	1,015,930	211,173	166,912	1,487,145
Disposals	(2,427)	-	(1,261,796)	(176,483)	-	(1,440,706)
Transfers	236,530	32,905	212,715	-	(482,150)	-
Reclassifications and adjustments	32,987	(1,789)	-	-	7,654	38,852
At September 30, 2016	5,718,893	731,263	8,918,375	720,321	313,164	16,402,016
Accumulated Depreciation -						
At October 1, 2014	727,176	542,287	5,792,999	365,408	-	7,427,870
Charge for the year	86,973	23,040	722,441	167,069	-	999,523
Disposals	(274)	(166)	(32,501)	(108,606)	-	(141,547)
At September 30, 2015	813,875	565,161	6,482,939	423,871	-	8,285,846
Charge for the year	119,736	39,835	791,408	170,829	-	1,121,808
Disposals	(609)	-	(1,256,872)	(172,572)	-	(1,430,053)
Reclassifications and adjustments	(15,935)	(862)	1,251	-	-	(15,546)
At September 30, 2016	917,067	604,134	6,018,726	422,128	-	7,962,055
Net Book Value -						
September 30, 2016	4,801,826	127,129	2,899,649	298,193	313,164	8,439,961
September 30, 2015	4,585,793	93,991	2,468,585	261,760	620,748	8,030,877

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 28. Property, Plant and Equipment (Continued)

	The Bank					
	Freehold Land and Buildings \$'000	Leasehold Improvements \$'000	Motor Vehicles, Furniture & Equipment \$'000	Assets Capitalised Under Finance Leases \$'000	Work-in- Progress \$'000	Total \$'000
Cost -						
At October 1, 2014	4,341,160	502,000	7,398,185	667,382	558,216	13,466,943
Additions	31,300	5,254	669,847	135,558	800,603	1,642,562
Disposals	(25,535)	(165)	(29,210)	(119,842)	-	(174,751)
Transfers	442,877	9,263	288,846	-	(740,985)	-
At September 30, 2015	4,789,802	516,352	8,327,668	683,098	617,834	14,934,754
Additions	52,135	2,955	945,628	204,511	126,822	1,332,051
Disposals	(2,427)	-	(1,247,485)	(176,483)	-	(1,426,395)
Transfers	236,530	29,720	212,715	-	(478,965)	-
Reclassifications and adjustments	1,789	(1,789)	-	-	6,125	6,125
At September 30, 2016	5,077,829	547,238	8,238,526	711,126	271,816	14,846,535
Accumulated Depreciation -						
At October 1, 2014	698,729	470,789	5,631,263	351,040	-	7,151,821
Charge for the year	69,822	9,002	652,893	166,333	-	898,050
Disposals	(274)	(166)	(28,950)	(108,606)	-	(137,996)
At September 30, 2015	768,277	479,625	6,255,206	408,767	-	7,911,875
Charge for the year	105,426	16,355	726,085	170,829	-	1,018,695
Disposals	(609)	-	(1,247,227)	(172,572)	-	(1,420,408)
Reclassifications and adjustments	612	(727)	(1,565)	-	-	(1,680)
At September 30, 2016	873,706	495,253	5,732,499	407,024	-	7,508,482
Net Book Value -						
September 30, 2016	4,204,123	51,985	2,506,027	304,102	271,816	7,338,053
September 30, 2015	4,021,525	36,727	2,072,462	274,331	617,834	7,022,879

The carrying value of assets capitalised under finance leases and computer equipment pledged as collateral amounted to \$339,228,000 (2015 – \$319,257,000).

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 29. Deferred Income Taxes

Deferred income taxes are calculated on all temporary differences under the liability method using a tax rate of 25% (2015: 25%) for the life insurance subsidiary, 33½% for the Bank and other "regulated companies", 21% for the subsidiary incorporated in the United Kingdom and 25% for all other subsidiaries; with the exception of the subsidiaries incorporated in Cayman Islands and the NCB Employee Share Scheme which are not subject to income tax.

The net assets recognised in the statement of financial position are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Deferred tax assets	(179,748)	(70,242)	-	-
Deferred tax liabilities	1,848,538	1,793,557	925,724	1,570,735
Net liability at end of year	1,668,790	1,723,315	925,724	1,570,735

The movement in the net deferred income tax balance is as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Net liability at beginning of year	1,723,315	2,432,401	1,570,735	2,274,191
Deferred tax credited in the income statement (Note 15)	(1,743,171)	(631,643)	(1,556,152)	(676,918)
Deferred tax charged/(credited) to other comprehensive income	1,688,646	(77,443)	911,141	(26,538)
Net liability at end of year	1,668,790	1,723,315	925,724	1,570,735

The amounts shown in the statement of financial position included the following:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Deferred tax assets to be recovered after more than 12 months	(1,066,636)	(1,307,072)	(978,429)	(1,014,831)
Deferred tax liabilities to be settled after more than 12 months	676,056	3,396,499	476,398	2,683,136

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 29. Deferred Income Taxes (Continued)

Deferred income tax assets and liabilities, prior to offsetting of balances, are due to the following items:

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b>Deferred income tax assets:</b>				
Property, plant and equipment	411,116	16,716	399,928	-
Investment securities at fair value through profit or loss	-	-	-	-
Investment securities classified as available-for-sale	3,219	310,060	-	105,908
Pensions and other post-retirement benefits	1,045,220	980,296	972,337	908,923
Interest payable	164,551	195,885	-	-
Other temporary differences	307,962	251,965	126,191	108,590
	<u>1,932,068</u>	<u>1,754,922</u>	<u>1,498,456</u>	<u>1,123,421</u>
<b>Deferred income tax liabilities:</b>				
Property, plant and equipment	27,361	138,289	-	58,142
Investment securities at fair value through profit or loss	49,464	6,747	-	-
Investment securities classified as available-for-sale	1,423,592	99,608	783,990	-
Interest receivable	380,897	506,285	-	-
Unrealised foreign exchange gains	763,864	1,275,738	763,864	1,255,162
Loan loss provisions	769,991	1,369,832	769,991	1,369,832
Fair value gains on derivatives	106,335	11,020	106,335	11,020
Other temporary differences	79,354	70,718	-	-
	<u>3,600,858</u>	<u>3,478,237</u>	<u>2,424,180</u>	<u>2,694,156</u>
Net deferred tax liability	<u>1,668,790</u>	<u>1,723,315</u>	<u>925,724</u>	<u>1,570,735</u>



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 29. Deferred Income Taxes (Continued)

The amounts recognised in the income statement are due to the following items:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Property, plant and equipment	(379,899)	(18,867)	(458,069)	(84,802)
Investment securities	(42,217)	32,810	-	-
Loan loss provisions	(599,841)	91,151	(599,841)	91,151
Pensions and other post-retirement benefits	(84,677)	(122,555)	(89,828)	(69,353)
Interest receivable	130,974	(73,337)	-	-
Interest payable	(31,333)	83,681	-	-
Fair value (losses)/gains on derivatives	95,315	(16,950)	95,315	(16,950)
Unrealised foreign exchange gains and losses	(490,847)	(408,765)	(491,298)	(483,105)
Other temporary differences	(340,646)	(198,811)	(12,431)	(113,859)
	<u>(1,743,171)</u>	<u>(631,643)</u>	<u>(1,556,152)</u>	<u>(676,918)</u>

The amounts recognised in other comprehensive income are due to the following items:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Unrealised gains on available-for-sale investments	1,813,757	305,276	884,727	138,164
Realised fair value gains on sale and maturity of investments	(156,681)	(253,415)	-	(24,776)
Remeasurement of the post-employment benefit obligation	31,570	(129,304)	26,414	(139,926)
	<u>1,688,646</u>	<u>(77,443)</u>	<u>911,141</u>	<u>(26,538)</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 30. Other Assets

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Due from merchants, financial institutions, clients and payment systems providers	3,219,760	2,614,027	2,281,497	1,861,232
Prepayments	977,756	1,213,405	868,707	1,086,621
Receivables on disposal of debt collateral	2,902,404	-	2,631,505	-
Re-insurance recoverable	389,714	217,201	-	-
Other	685,725	795,732	497,052	672,259
	<u>8,175,359</u>	<u>4,840,365</u>	<u>6,278,761</u>	<u>3,620,112</u>

The fair values of other assets approximate carrying values. All receivable balances are due within the next 12 months.

## 31. Due to Other Banks

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Items in course of payment	2,767,040	2,645,535	2,765,181	2,641,627
Borrowings from other banks	10,362,027	3,433,429	10,271,075	3,433,429
Deposits from other banks	56,167	37,352	10,492,613	8,722,730
	13,185,234	6,116,316	23,528,869	14,797,786
Interest payable	88,224	30,050	179,504	102,756
	<u>13,273,458</u>	<u>6,146,366</u>	<u>23,708,373</u>	<u>14,900,542</u>

Items in the course of payment primarily represent cheques drawn by the Bank which have been accounted for as a deduction from its bank balances but which have not been presented on its bank accounts. These relate to accounts held with banks outside of Jamaica and at Central Banks. Deposits from other banks are denominated in United States dollars and have various maturity dates. These attract interest at 2-5% per annum.

The amounts included as cash equivalents in the statement of cash flows are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Total due to other banks	13,273,458	6,146,366	23,708,373	14,900,542
Less: amounts with original maturities of greater than 90 days	<u>(9,978,540)</u>	<u>(3,252,399)</u>	<u>(15,358,312)</u>	<u>(6,324,178)</u>
	<u>3,294,918</u>	<u>2,893,967</u>	<u>8,350,061</u>	<u>8,576,364</u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 32. Obligations under Securitisation Arrangements

	<b>The Group and The Bank</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Diversified payment rights		
Principal outstanding – US\$125,000,000 (2015 – US\$125,000,000)	15,991,250	14,837,588
Merchant voucher receivables		
Principal outstanding – US\$250,000,000 (2015 – US\$250,000,000 )	31,982,500	29,675,175
	47,973,750	44,512,763
Unamortised transaction fees	(557,842)	(666,151)
	47,415,908	43,846,612
Interest payable	483,848	445,452
Net liability	<u>47,899,756</u>	<u>44,292,064</u>

The current portion of obligations under securitisation arrangements amounted to \$1,066,083,000 (2015 – \$989,172,000).

#### ***Diversified Payment Rights***

The Bank has entered into a number of structured financing transactions involving securitisation of its Diversified Payment Rights. A Diversified Payment Right (“DPR”) is a right of the Bank to receive payments from correspondent banks based overseas whenever a payment order is initiated by a person or entity situated overseas in favour of a person or entity situated in Jamaica. Under these securitisation transactions, the Bank assigns its rights to all present and future DPRs to an offshore special purpose vehicle, Jamaica Diversified Payment Rights Company Limited (Note 34), which then issues notes which are secured by DPR flows. The cash flows generated by the DPRs are used by Jamaica Diversified Payment Rights Company Limited to make scheduled principal and interest payments to the note holders and any excess cash is transferred to the Bank, provided no early amortisation event or default has occurred under the terms of the notes.

On May 30, 2013, the Bank raised US\$100 million through the Diversified Payments Rights Securitisation (Series 2013-1 Notes). The transaction was structured with an interest-only period of eighteen months and thereafter quarterly principal amortisation on a straight line basis, beginning September 15, 2014 to final maturity on March 15, 2018. Interest is due and payable on a quarterly basis calculated at three month US dollar LIBOR plus 675 basis points beginning September 15, 2015.

On February 21, 2014, the Bank increased the existing Series 2013-1 Notes by US\$25 million on the same terms as the existing Notes.

On April 25, 2014, the holders of the Series 2013-1 Notes exercised their option to extend the maturity of the Notes by 12 months, adjusting the principal amortisation to commence on September 15, 2015 and final maturity to March 15, 2019.

On April 27, 2015, the holders of the Series 2013-1 Notes exercised their option to extend the maturity of the Notes by 12 months, adjusting the principal amortisation to commence on September 15, 2016 and final maturity to March 16, 2020.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

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## 32. Obligations under Securitisation Arrangements (Continued)

On March 28, 2016, the holders of the Series 2013-1 Notes exercised their third and final option to extend the maturity of the Notes by 12 months, adjusting the principal amortisation to commence on September 15, 2017 and final maturity to March 15, 2021.

### *Merchant Voucher Receivables*

The Bank has entered into a structured financing transaction involving securitisation of its Merchant Voucher Receivables. This arrangement involves the sale of future flows due from Visa International Service Association (Visa) and MasterCard International Incorporated (MasterCard) related to international merchant vouchers acquired by the Bank in Jamaica.

A merchant voucher is created when an international Visa or MasterCard cardholder pays for goods or services at a NCB merchant. NCB approves the charge, pays the merchant under contractual terms, and submits the merchant voucher information to Visa or MasterCard for settlement. Upon approval and receipt of the charge information, Visa or MasterCard is obligated to pay the amounts due, and this represents a receivable under the transaction.

Arising from this arrangement, the Bank transferred its rights to all future receivables to an off-shore special purpose company (SPC), Jamaica Merchant Voucher Receivables Limited, which then issues notes which are secured by the Merchant Voucher Receivables flows. The cash flows generated by the Merchant Vouchers Receivables are used by Jamaica Merchant Voucher Receivables Limited to make scheduled principal and interest payments to the note holders and any excess cash is transferred to the Bank, provided no early amortisation event or default has occurred under the terms of the notes.

On May 18, 2015, the Bank raised US\$250 million through the Merchant Voucher Receivables securitisation transaction. The transaction was structured on a mortgage-style amortisation basis with an interest-only period of twenty eight months and thereafter quarterly principal amortisation, beginning October 6, 2017 to final maturity on July 8, 2022. Interest is due and payable on a quarterly basis calculated at a rate of 5.875% beginning July 7, 2015.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 33. Other Borrowed Funds

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
(a) Development Bank of Jamaica	4,120,781	4,581,117	4,120,781	4,581,117
(b) National Export-Import Bank of Jamaica	-	1,000	-	1,000
(c) Customer long-term investments	61,545	197,839	-	-
(d) IBM Global Financing	-	15,769	-	15,769
(e) Corporate notes	6,728,949	2,805,078	-	-
(f) Principal protected notes	741,153	654,203	-	-
(g) Finance lease obligations	347,062	316,653	322,379	302,277
(h) Other	7,239	-	-	-
	12,006,729	8,571,659	4,443,160	4,900,163
Interest payable	54,425	23,654	-	-
	<u>12,061,154</u>	<u>8,595,313</u>	<u>4,443,160</u>	<u>4,900,163</u>

The current portion of other borrowed funds amounted to \$5,189,420,000 (2015 – \$1,123,021,000) for the Group and \$865,188,000 (2015 – \$865,188,000) for the Bank.

- (a) The loans from Development Bank of Jamaica are granted in both Jamaican and US dollars and are utilised by the Bank to finance customers with viable ventures in agricultural, agro-industrial, manufacturing, mining and tourism sectors of the economy. These loans are for terms up to 10 years and at rates ranging from 4 – 10%.
- (b) The loans from National Export-Import Bank of Jamaica are granted in Jamaican dollars and are utilised by the Bank to finance customers with viable ventures in agricultural, agro-industrial, manufacturing, mining and tourism sectors of the economy. The loans are for terms up to 4 years at an interest rate of 8%.
- (c) Customer long-term investments represent investments placed by customers for a minimum period of five (5) years. The investments are at variable interest rates and are not subject to withholding tax if held to maturity. They are repayable between 2015 and 2016 and attract interest at 1.7% - 4.4% (2015: 0.01% - 6.00%) per annum.
- (d) The Bank acquired computer equipment which was financed by IBM Global Financing. The loans are secured by a lien on the equipment and are repayable over 1 year at rates up to 1% per annum. The loans were fully repaid in January 2016.
- (e) Corporate notes are both unsecured and secured variable and fixed rate notes issued in a combination of Jamaican dollars and United States dollars. The notes are repayable between 2017 and 2018. The fixed rate notes attract interest between 4.5% and 9.0 and the variable rate notes attract interest of six month weighted average Treasury bill yield plus 2.5% per annum.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 33. Other Borrowed Funds (continued)

(f) The Group has issued principal protected notes which entitle the holders to participate in positive returns on the Euro Stoxx 50 or S&P 500 indices while providing a principal protection feature with or without an annual coupon interest payment. If the return on the index is negative, the holder will obtain the principal invested for the notes. Both the principal and interest payments are indexed to the US dollar. These notes are structured products and comprise a fixed income element accounted for at amortised cost (disclosed above) and a derivative (equity indexed option) element disclosed in Note 19.

(g) The finance lease obligations are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Minimum lease payments under finance leases:				
Not later than 1 year	193,384	171,590	181,741	165,127
Later than 1 year and not later than 5 years	202,834	191,516	184,911	180,804
	396,218	363,106	366,652	345,931
Future finance charges	(49,156)	(46,453)	(44,273)	(43,654)
Present value of finance lease obligations	347,062	316,653	322,379	302,277

The present value of finance lease obligations is as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Not later than 1 year	164,412	143,522	155,438	138,637
Later than 1 year and not later than 5 years	182,650	173,131	166,941	163,640
	347,062	316,653	322,379	302,277

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 34. Interests in Structured Entities

A structured entity is an entity in which voting or similar rights are not the dominant factor in deciding control. Structured entities are generally created to achieve a narrow and well defined objective with restrictions around their ongoing activities. An interest in a structured entity is any form of contractual or non-contractual involvement which creates variability in returns arising from the performance of the entity for the Group. Such interests include holdings of debt or equity securities and investment management agreements. Structured entities are assessed for consolidation in accordance with the accounting policy set out in Note 2(b).

### **Consolidated Structured Entities**

#### *Securitisation Vehicles*

The Group uses securitisation as a source of financing and a means of risk transfer. Securitisation of its Diversified Payment Rights and Merchant Voucher Receivables (Note 32) is conducted through structured entities, Jamaica Diversified Payment Rights Company Limited and Jamaica Merchant Voucher Receivables Limited, exempted limited liability companies incorporated under the laws of the Cayman Islands. The relationship between the transferred rights and the associated liabilities is that holders of Notes may only look to cash flows from the securitised assets for payments of principal and interest due to them under the terms of their Notes.

#### *NCBFG*

The Group has consolidated NCBFG and in so doing, has equity accounted for GHL, as discussed in Note 3. The Group are not beneficial owners of the shares in NCBFG and therefore are not entitled to any earnings or equity in NCBFG, and by extension, GHL.

### **Unconsolidated Structured Entity**

The Group manages a Unit Trust Scheme comprising six portfolios – the JMD Money Market Portfolio, the JMD High Yield Portfolio, the Caribbean Equity Portfolio, the USD Money Market Portfolio, the USD Indexed Bond Portfolio and the USD Bond Portfolio.

The Unit Trust has an independent trustee. The Group is the investment manager of the Unit Trust and is entitled to receive management fees based on the assets under management. The Group also holds units in the Unit Trust.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 34. Interests in Structured Entities (Continued)

### *Unconsolidated Structured Entity (Continued)*

The table below shows the total assets of the Unit Trust, the Group's interest in and income arising from involvement with the Unit Trust as well as the maximum exposure to loss. The maximum exposure to loss from the Group's interests represents the maximum loss that the Group could incur as a result of its involvement with the Unit Trust regardless of the probability of the loss being incurred. The income from the Group's interest includes recurring and non-recurring fees and any mark-to-market gains/losses on a net basis.

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Total assets of the Unit Trust	34,816,209	23,339,965
The Group's interest – Carrying value of units held (included in available-for-sale investment securities – Note 23)	150,822	285,619
Maximum exposure to loss	150,822	285,619
Liability to the Unit Trust in relation to investment in repurchase obligations (included in repurchase obligations on the consolidated statement of financial position)	4,728,482	2,866,991
Total income from the Group's interests	<u>501,111</u>	<u>305,165</u>

The Group has not provided any non-contractual financial support during the period and does not anticipate providing non-contractual support to the Unit Trust in the future.



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 35. Liabilities under Annuity and Insurance Contracts

The Group's liabilities under annuity and insurance contracts arise from the operations of its life insurance subsidiary and its general insurance subsidiary.

The life insurance subsidiary issues life insurance and annuity contracts. These contracts insure human life events (for example, death or survival) over a long duration.

The general insurance subsidiary issues property and casualty insurance contracts. Casualty insurance contracts protect the Group's customers against the risk of causing harm to third parties as a result of their legitimate activities. Damages covered include both contractual and non-contractual events. The typical protection offered is designed for employers who become legally liable to pay compensation to injured employees (employers' liability) and for individual and business customers who become liable to pay compensation to a third party for bodily harm or property damage (public liability). Property insurance contracts mainly compensate the Group's customers for damage suffered to their properties or for the value of property lost. Customers who undertake commercial activities on their premises could also receive compensation for the loss of earnings caused by the inability to use the insured properties in their business activities (business interruption cover).

Liabilities under Annuity and Insurance Contracts comprise the following:

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
Liabilities under life insurance and annuity contracts	27,811,227	27,067,026
Liabilities under general insurance contracts	7,471,426	7,622,248
	<u>35,282,653</u>	<u>34,689,274</u>

### *Liabilities under Life Insurance and Annuity Contracts*

	<b>The Group</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
(a) Composition of liabilities under life insurance and annuity contracts:		
Life assurance fund	24,787,816	23,704,129
Risk reserve	2,885,362	3,227,494
Benefits and claims payable	48,495	54,085
Unprocessed premiums	89,554	81,318
	<u>27,811,227</u>	<u>27,067,026</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 35. Liabilities under Annuity and Insurance Contracts (Continued)

### *Liabilities under Life Insurance and Annuity Contracts (continued)*

	The Group	
	2016 \$'000	2015 \$'000
(b) Change in policyholders' liabilities:		
Life assurance fund:		
At the beginning of the year	23,704,129	23,018,946
Gross premiums	3,777,256	3,369,611
Premium refunds	(596)	(5,407)
Mortality charges transferred to the income statement	(65,892)	(39,985)
Fees transferred to the income statement	(351,545)	(331,843)
Claims and benefits	(3,170,290)	(3,208,725)
Interest credited	894,754	901,532
At the end of the year	<u>24,787,816</u>	<u>23,704,129</u>
Risk reserve:		
At the beginning of the year	3,227,494	3,535,807
Issue of new contracts	307,108	811,773
Normal changes	388,799	260,509
Impact of new tax measures	-	(414,795)
Effect of change in assumptions:		
Base renewal expense levels	(1,021,383)	(448,671)
Investment returns	(73,177)	(585,896)
Lapse and surrender rates	31,751	29,897
Mortality rates	18,731	38,870
Disability	6,039	38,870
At the end of the year	<u>2,885,362</u>	<u>3,227,494</u>
Benefits and claims payable:		
At the beginning of the year	54,085	33,808
Policyholders' claims and benefits	259,462	158,527
Benefits and claims paid	(265,052)	(138,250)
At the end of the year	<u>48,495</u>	<u>54,085</u>
Unprocessed premiums:		
At the beginning of the year	81,318	63,185
Premiums received	6,856,058	5,806,120
Premiums applied	(6,847,822)	(5,787,987)
At the end of the year	<u>89,554</u>	<u>81,318</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 35. Liabilities under Annuity and Insurance Contracts (Continued)

### *Liabilities under Life Insurance and Annuity Contracts (continued)*

The movement in the risk reserve per type of contract is as follows:

	2016			
	Annuity	Individual life	Group life	Total
	\$'000	\$'000	\$'000	\$'000
Balance brought forward	6,099,907	(3,402,727)	530,314	3,227,494
Changes in assumptions:				
Investment returns	38,750	(111,927)	-	(73,177)
Base renewal expense levels and inflation	1,539	(1,026,528)	3,606	(1,021,383)
Lapse and surrender rates	-	31,751	-	31,751
Disability	-	6,039	-	6,039
Mortality rates	11,251	7,480	-	18,731
	51,540	(1,093,185)	3,606	(1,038,039)
Issue of new contracts	799,114	(685,617)	193,611	307,108
Normal changes	51,896	530,066	(193,163)	388,799
Net change	902,550	(1,248,736)	4,054	(342,132)
	7,002,457	(4,651,463)	534,368	2,885,362
	2015			
	Annuity	Individual life	Group life	Total
	\$'000	\$'000	\$'000	\$'000
Balance brought forward	4,956,703	(1,863,004)	442,108	3,535,807
Changes in assumptions:				
Investment returns	(8,381)	(586,583)	9,068	(585,896)
Base renewal expense levels and inflation	1,782	(453,951)	3,498	(448,671)
Lapse and surrender rates	-	29,897	-	29,897
Mortality rates	46,856	-	(7,986)	38,870
	40,257	(1,010,637)	4,580	(965,800)
Issue of new contracts	950,964	(331,839)	192,648	811,773
Normal changes	151,983	206,352	(97,826)	260,509
Tax measures (Removal of premium and investment income taxes & reduction in asset tax)	-	(403,599)	(11,196)	(414,795)
Net change	1,143,204	(1,539,723)	88,206	(308,313)
	6,099,907	(3,402,727)	530,314	3,227,494

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 35. Liabilities under Annuity and Insurance Contracts (Continued)

### *Liabilities under Life Insurance and Annuity Contracts (continued)*

The Group's life insurance subsidiary holds assets that match insurance liabilities. These assets comprise mainly investment securities, which are classified as available-for-sale and loans and receivables, and reverse repurchase agreements.

The assets supporting policyholders' and other liabilities are as follows:

	<b>2016</b>			
	<b>Annuity Contracts</b>	<b>Individual and Group Life Insurance Contracts</b>	<b>Other Liabilities, Surplus and Capital</b>	<b>Total</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Investment securities	6,761,781	25,609,890	6,558,456	38,930,127
Reverse repurchase agreements	571,020	1,402,734	145,482	2,119,236
Other assets	710,631	1,423,012	(1,112,641)	1,021,002
Property, plant and equipment	-	-	15,725	15,725
Intangible asset – computer software	-	-	314,281	314,281
	<b>8,043,432</b>	<b>28,435,636</b>	<b>5,921,303</b>	<b>42,400,371</b>

	<b>2015</b>			
	<b>Annuity Contracts</b>	<b>Individual and Group Life Insurance Contracts</b>	<b>Other Liabilities, Surplus and Capital</b>	<b>Total</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Investment securities	5,976,354	24,692,880	7,243,033	37,912,267
Reverse repurchase agreements	279,027	1,169,789	286,428	1,735,244
Other assets	425,037	861,263	111,998	1,398,298
Property, plant and equipment	-	-	18,816	18,816
Intangible asset – computer software	-	-	255,238	255,238
	<b>6,680,418</b>	<b>26,723,932</b>	<b>7,915,513</b>	<b>41,319,863</b>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 35. Liabilities under Annuity and Insurance Contracts (Continued)

### *Liabilities under Life Insurance and Annuity Contracts (continued)*

#### *Policy assumptions*

For insurance contracts, the assumptions used to determine the liabilities are updated at each reporting date to reflect the latest best estimates. The assumptions used for valuing the insurance contracts disclosed in this note are as follows:

#### *Mortality and morbidity*

Mortality estimates are made as to the expected number of deaths for each of the years in which the Group's life insurance subsidiary is exposed to risk. These assumptions are based on North American standard industry mortality tables adjusted to reflect recent local historical experience. Assumptions vary by sex, underwriting class and type of insurance contract. The main source of uncertainty is that epidemics such as AIDS and wide ranging lifestyle changes, such as eating, smoking and exercise habits could result in future mortality being significantly worse than in the past for age groups in which the Group's life insurance subsidiary has significant exposure to mortality risk. Conversely, improvements in longevity in excess of those allowed for in determining the liabilities could result in a lessening of future liabilities.

Morbidity relates to the frequency of illness, sickness and diseases contracted. The rate of recovery from such afflictions is derived from industry experience studies, adjusted where appropriate from the Group's life insurance subsidiary's own experience.

#### *Investment yields*

The Group's life insurance subsidiary matches assets and liabilities. The projected cash flows from these assets are combined with future reinvestment rates derived from the current economic outlook and the Group's life insurance subsidiary's investment policy to determine expected rates of return on these assets for all future years. Investment yields include expected future asset defaults. For the current valuation these are:

	<b>Individual with Investment Options</b>	<b>Individual &amp; Group Life</b>	<b>Annuities</b>
Year 1	6.35%	8.54%	12.99%
Year 2 – 10	Decreasing to 5.74%	Decreasing to 7.15%	12.99%
Year 11 – 29	Decreasing to 5.00%	Decreasing to 5.60%	12.99%
Year 29 onwards	5.00%	5.60%	9.79%
Year 39 onwards	-	-	7.50%

The main source of uncertainty is the fluctuation in the economy. Lower yields would result in higher reserves and reduced income.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 35. Liabilities under Annuity and Insurance Contracts (Continued)

### *Liabilities under Life Insurance and Annuity Contracts (continued)*

#### *Policy assumptions (continued)*

##### *Persistency*

Persistency assumptions are made in relation to the time since inception that a policy exists before it lapses or is surrendered. Lapses relate to termination of policies due to non-payment of premiums. Surrenders relate to voluntary termination of policies by the policyholders. Policy terminations are based on the Group's life insurance subsidiary's own experience adjusted for expected future conditions. A statistical study of the past two years is performed in order to determine an appropriate persistency rate and best estimates of future rates are determined by examining any trends in the data. The main source of uncertainty derives from changes in policyholder behaviour as these relate to changes in economic conditions.

##### *Renewal expenses and inflation*

Policy maintenance expenses are derived from the Group's life insurance subsidiary's own internal cost studies projected into the future with an allowance for inflation as shown below:

Year 1	5.90%
Year 2 – 10	Decreasing to 5.19%
Year 11 – 25	Decreasing to 4.00%
Year 25 onwards	4.00%

##### *Taxation*

It is assumed that current tax legislation and rates continue unaltered.

##### *Provisions for adverse deviations*

The basic assumptions made in establishing policy liabilities are best estimates for a range of possible outcomes. To recognise the uncertainty in establishing these best estimates, to allow for possible deterioration in experience and to provide greater comfort that the reserves are adequate to pay future benefits, the Appointed Actuary is required to include a margin in each assumption.

The impact of these margins is to increase reserves and so decrease the income that would be recognised on inception of the policy. The Appointed Actuary uses assumptions which are considered conservative, taking into account the risk profiles of the policies written.

##### *Sensitivity analysis*

The following table represents the sensitivity of the value of the policyholders' liabilities under life insurance contracts disclosed in this note to certain movements in the valuation assumptions used.

	Change in Variable	Increase in Liability	
		2016	2015
	%	\$'000	\$'000
Lowering of investment returns	1	2,568,576	2,396,533
Worsening of base renewal expense levels	10	246,873	239,690
Worsening of mortality	10	81,431	60,796
Worsening of lapse and surrender rates	10	276,837	210,694

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 35. Liabilities under Annuity and Insurance Contracts (Continued)

### Liabilities under General Insurance Contracts

	The Group	
	2016 \$'000	2015 \$'000
Gross:		
Claims outstanding	4,977,622	5,094,258
Unearned premiums	2,493,804	2,527,990
	7,471,426	7,622,248
Reinsurance ceded		
Claims outstanding	(166,069)	(43,026)
Unearned premiums	(224,381)	(205,958)
	(390,450)	(248,984)
Net:		
Claims outstanding	4,811,553	5,051,232
Unearned premiums	2,269,423	2,322,032
	7,080,976	7,373,264

The movement in and composition of claims outstanding are as follows:

	2016			2015		
	Gross \$'000	Reinsurance \$'000	Net \$'000	Gross \$'000	Reinsurance \$'000	Net \$'000
Notified claims	3,567,995	(40,077)	3,527,918	4,042,460	(87,800)	3,954,660
Claims incurred but not reported	1,526,263	(2,949)	1,523,314	1,042,700	(11,747)	1,030,953
Balance at beginning of year	5,094,258	(43,026)	5,051,232	5,085,160	(99,547)	4,985,613
Claims incurred	2,975,045	(242,357)	2,732,688	2,685,460	631	2,686,091
Claims paid	(3,091,681)	119,314	(2,972,367)	(2,676,362)	55,890	(2,620,472)
Balance at end of year	4,977,622	(166,069)	4,811,553	5,094,258	(43,026)	5,051,232
Comprising:						
Notified claims	3,215,853	(160,334)	3,055,519	3,567,995	(40,077)	3,527,918
Claims incurred but not reported	1,761,769	(5,735)	1,756,034	1,526,263	(2,949)	1,523,314
	4,977,622	(166,069)	4,811,553	5,094,258	(43,026)	5,051,232

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 35. Liabilities under Insurance and Annuity Contracts (Continued)

#### *Liabilities under General Insurance Contracts (continued)*

The policy and claims liabilities were determined in accordance with accepted actuarial principles and as directed by the Financial Services Commission.

In determining the valuation, the actuary employed the Paid Loss Development method, the Incurred Loss Development method, the Bornhuetter-Ferguson Paid Loss method, the Bornhuetter-Ferguson Incurred Loss method and the Frequency-Severity method. In using the Paid/Incurred Loss Development methods, ultimate losses are estimated by calculating past paid/incurred loss development factors and applying them to exposure periods with further expected paid/incurred loss development. The Bornhuetter-Ferguson Paid/Incurred Loss methods is a combination of the Paid/Incurred Loss Development methods and a loss ratio method; however, these expected losses are modified to the extent paid/incurred losses to date differ from what would have been expected based on the selected paid/incurred loss development pattern. Finally, the Frequency-Severity method is calculated by multiplying an estimate of ultimate claims with an estimate of the ultimate severity per reported claim.

The movement in and composition of unearned premiums are as follows:

	2016			2015		
	Gross	Reinsurance	Net	Gross	Reinsurance	Net
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Balance at beginning of year	2,527,990	(205,958)	2,322,032	2,494,004	(164,773)	2,329,231
Premiums written	5,045,361	(483,228)	4,562,133	5,329,875	(455,948)	4,873,927
Premiums earned	(5,079,547)	464,805	(4,614,742)	(5,295,889)	414,763	(4,881,126)
Balance at end of year	2,493,804	(224,381)	2,269,423	2,527,990	(205,958)	2,322,032
Comprising, by type of business:						
Liability insurance contracts	27,828	-	27,828	16,741	(3,183)	13,558
Motor insurance contracts	2,183,017	-	2,183,017	2,275,903	-	2,275,903
Pecuniary loss insurance contracts	62,622	(35,311)	27,311	-	-	-
Property insurance contracts	220,337	(189,070)	31,267	235,346	(202,775)	32,571
	2,493,804	(224,381)	2,269,423	2,527,990	(205,958)	2,322,032

### 36. Provision for Litigation

	The Group and The Bank	
	2016	2015
	\$'000	\$'000
At beginning of year	1,500	3,053
Provided during the year	-	4,243
Utilised/reversed during the year	(1,500)	(5,796)
At end of year	-	1,500

The litigation provision is in relation to claims against the Group which meet the provisioning criteria defined in Note 51. The provisions are either utilised or reversed upon settlement or a favourable change in the status of the claim.



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 37. Post-employment Benefits

Liabilities recognised in the statement of financial position are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Pension schemes	43,295	61,536	-	-
Other post-employment benefits	3,087,822	2,879,352	2,917,010	2,726,770
	<u>3,131,117</u>	<u>2,940,888</u>	<u>2,917,010</u>	<u>2,726,770</u>

The amounts recognised in the income statement are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Pension schemes	36,063	38,719	-	-
Other post-employment benefits	318,156	394,456	308,430	247,135
	<u>354,219</u>	<u>433,175</u>	<u>308,430</u>	<u>247,135</u>

The amounts recognised in the statement of comprehensive income are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Pension schemes	(25,296)	(31,868)	-	-
Other post-employment benefits	(69,412)	419,780	(79,242)	419,780
	<u>(94,708)</u>	<u>387,912</u>	<u>(79,242)</u>	<u>419,780</u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 37. Post-employment Benefits (Continued)

#### (a) Pension schemes

The Bank and its subsidiaries have established the following pension schemes covering all permanent employees. The assets of funded plans are held independently of the Group's assets in separate trustee administered funds. All the Group's pension schemes are approved and regulated by the Financial Services Commission.

#### **National Commercial Bank Staff Pension Fund 1986**

This is a defined benefit scheme, which comprises the following pension funds which were merged on September 30, 1999:

- National Commercial Bank Staff Pension Fund 1975 (NCB 1975 Fund)
- National Commercial Bank Staff Pension Fund 1986 (NCB 1986 Fund)
- Mutual Security Bank Superannuation Scheme (MSB Fund)
- Computer Service and Programming Limited Pension Fund (CSP Fund)

Members' rights under each of the funds as at the date of merger were fully preserved in the NCB 1986 Fund and members of the merged funds receive pension benefits from the NCB 1986 Fund in respect of service up to the date of merger. The scheme was closed to new members effective October 1, 1999.

#### **National Commercial Bank Staff Pension Fund 1999**

This is a defined contribution scheme which is funded by payments from employees and by the relevant companies. Group companies contribute an amount equivalent to 5% of employees' salary to the scheme each pay cycle and employees may contribute 5% to 15%.

#### **Advantage General Insurance Company Limited Superannuation Fund**

The Group's subsidiary, Advantage General Insurance Company Limited (AGIC), sponsors a defined benefit pension scheme, which is open to all its employees who have satisfied certain minimum service requirements, and is managed by NCB Insurance Company Limited. Retirement and other benefits are based on average salary for the last three years of pensionable service. The scheme is funded by employee contributions at rates of either 5% or 10% of salary and employer contributions as recommended by the actuary consequent on triennial funding reviews.

The amounts recognised in the statement of financial position in respect of defined benefit pension schemes are as follows:

	2016		2015	
	The Bank \$'000	AGIC \$'000	The Bank \$'000	AGIC \$'000
Present value of funded obligations	18,797,371	897,371	16,226,090	746,167
Fair value of plan assets	(24,390,232)	(854,076)	(20,529,745)	(684,631)
(Over)/under – funded obligations	(5,592,861)	43,295	(4,303,655)	61,536
Limitation on pension assets	5,592,861	-	4,303,655	-
	-	43,295	-	61,536

No asset has been recognised in relation to the Bank's defined benefit scheme as, under the rules of the scheme, the employer would not benefit from any surplus on the winding up of the scheme. No additional current service cost has been incurred since closure of the scheme and the employer only makes a nominal contribution.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 37. Post-employment Benefits (Continued)

### (a) Pension schemes (continued)

The schemes are valued by independent actuaries annually using the projected unit credit method; the latest such valuation being carried out as at June 30, 2016 for the Bank's scheme and at August 31, 2016 for the AGIC scheme.

The movement in the defined benefit obligation is as follows:

	2016		2015	
	The Bank \$'000	AGIC \$'000	The Bank \$'000	AGIC \$'000
At beginning of year	16,226,090	746,167	13,914,044	675,369
Employee's contributions	-	30,439	-	27,316
Service cost	-	24,895	-	26,972
Interest cost	1,416,172	67,126	1,276,589	64,425
Remeasurements:				
Experience losses/(gains)	2,136,790	54,071	1,111,105	(19,553)
Losses/(gains) from changes in financial assumptions	-	-	876,880	(293)
Benefits paid	(981,681)	(25,327)	(952,528)	(28,069)
At end of year	<u>18,797,371</u>	<u>897,371</u>	<u>16,226,090</u>	<u>746,167</u>

The movement in the fair value of plan assets is as follows:

	2016		2015	
	The Bank \$'000	AGIC \$'000	The Bank \$'000	AGIC \$'000
At beginning of year	20,529,745	684,631	18,411,554	595,415
Interest on plan assets	1,803,501	62,558	1,703,853	57,917
Remeasurement - return on plan assets, excluding amounts included in interest on plan assets	3,038,667	79,368	1,366,866	12,022
Contributions	-	59,446	-	52,585
Administration fees	-	(6,600)	-	(5,239)
Benefits paid	(981,681)	(25,327)	(952,528)	(28,069)
At end of year	<u>24,390,232</u>	<u>854,076</u>	<u>20,529,745</u>	<u>684,631</u>

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 37. Post-employment Benefits (Continued)

### (a) Pension schemes (continued)

The amounts recognised in the income statement are as follows:

	2016		2015	
	The Bank \$'000	AGIC \$'000	The Bank \$'000	AGIC \$'000
Current service cost	-	24,895	-	26,972
Administration fees	-	6,600	-	5,239
Net interest expense	-	4,568	-	6,508
Total, included in staff costs	-	36,063	-	38,719

The amounts recognised in other comprehensive income are as follows:

	2016		2015	
	The Bank \$'000	AGIC \$'000	The Bank \$'000	AGIC \$'000
Loss/(gain) on present value of funded obligations	2,136,789	54,072	1,987,985	(19,846)
Gain on fair value of plan assets	(3,038,667)	(79,368)	(1,366,866)	(12,022)
Change in effect of asset ceiling	901,878	-	(621,119)	-
Net gain	-	(25,296)	-	(31,868)

Plan assets for the Bank's defined benefit pension scheme are comprised as follows:

	2016		2015	
	\$'000	%	\$'000	%
Debt securities	13,878,726	56.90	12,324,446	60.03
Equity securities	8,043,613	32.98	5,435,803	26.48
Real estate	2,316,565	9.50	2,514,518	12.25
Other	151,328	0.62	254,978	1.24
	24,390,232	100.00	20,529,745	100.00

These plan assets included:

- Ordinary stock units of the Bank with a fair value of \$2,646,804,000 (2015 – \$1,133,805,000).
- Repurchase obligations, promissory notes and lease obligations of the Group aggregating \$140,000,000 (2015 – \$53,065,000)
- Properties occupied by the Group with a fair value of \$565,266,000 (2015 - \$474,400,000).

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 37. Post-employment Benefits (Continued)

### (a) Pension schemes (continued)

Plan assets for AGIC's defined benefit pension scheme are comprised as follows:

	2016		2015	
	\$'000	%	\$'000	%
Debt securities	455,680	53.35	365,173	53.34
Equity securities	248,524	29.10	146,610	21.41
Real estate and other	149,872	17.55	172,848	25.25
	<u>854,076</u>	<u>100.00</u>	<u>684,631</u>	<u>100.00</u>

Expected contributions to the Bank's and AGIC's defined benefit pension schemes for the year ending September 30, 2017 are Nil and \$31,200,000, respectively.

The principal actuarial assumptions used are as follows:

	2016		2015	
	The Bank	AGIC	The Bank	AGIC
Discount rate	9.00%	9.00%	9.00%	9.00%
Future salary increases	6.00%	6.00%	6.00%	6.00%
Future pension increases	4.00%	2.50%	4.00%	2.50%

Post-employment mortality for active members and mortality for pensioners is based on the 1994 Group Annuity Mortality tables (GAM (94) (U.S. mortality tables) with no age setback.

The average duration of the defined benefit pension obligation at September 30, 2016 is 11.5 years for the Bank's defined benefit scheme and 18.3 years for AGIC's scheme.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 37. Post-employment Benefits (Continued)

### (a) Pension schemes (continued)

The sensitivity of the defined benefit pension obligation to changes in the principal assumptions is as follows:

#### The Bank

	Increase/(decrease) in defined benefit obligation		
	Change in Assumption	Increase in Assumption	Decrease in Assumption
		\$'000	\$'000
Discount rate	1%	(1,876,331)	2,259,950
Future salary increases	1%	135,379	(128,092)
Future pension increases	1%	1,950,124	(1,684,636)
Life expectancy	1 year	490,000	(461,000)

#### AGIC

	Increase/(decrease) in defined benefit obligation		
	Change in Assumption	Increase in Assumption	Decrease in Assumption
		\$'000	\$'000
Discount rate	1%	(137,892)	181,275
Future salary increases	1%	84,306	(71,575)
Future pension increases	1%	77,365	(66,815)
Life expectancy	1 year	15,100	(16,400)

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 37. Post-employment Benefits (Continued)

#### (b) Other post-employment benefits

In addition to pension benefits, the Group offers medical and life insurance benefits that contribute to the health care and life insurance coverage of employees and beneficiaries after retirement. The method of accounting and frequency of valuations are similar to those used for defined benefit pension schemes.

In addition to the assumptions used for pension schemes, the main actuarial assumption is a long-term increase in health costs of 1.5 percentage points above CPI per year (2015 – 1.5 percentage points above CPI).

The average duration of the other post-employment benefits obligation at September 30, 2016 is 17.5 years for the Bank and 19.3 years for AGIC.

The amounts recognised in the statement of financial position are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Present value of unfunded obligations	3,087,822	2,879,352	2,917,010	2,726,770

The movement in the defined benefit obligation is as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
At beginning of the year	2,879,352	2,105,357	2,726,770	2,098,933
Service cost	71,725	56,140	64,876	49,593
Interest cost	256,339	208,675	243,554	197,542
Remeasurements:				
Experience losses	(45,628)	7,355	(59,818)	7,355
Demographic assumptions	(23,785)	-	(19,425)	-
Losses from changes in financial assumptions	-	412,425	-	412,425
Additional liability recognised in respect of prior year	(9,908)	129,641	-	-
Benefits paid	(40,273)	(40,241)	(38,947)	(39,078)
At end of year	3,087,822	2,879,352	2,917,010	2,726,770

The amounts recognised in the income statement are as follows:

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Service cost	71,725	56,140	64,876	49,593
Net interest expense	256,339	208,675	243,554	197,542
Additional liability recognised in respect of prior year	(9,908)	129,641	-	-
Total, included in staff costs (Note 11)	318,156	394,456	308,430	247,135

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 37. Post-employment Benefits (Continued)

### (b) Other post-employment benefits (continued)

The sensitivity of the other post-employment benefit obligation to changes in the principal assumptions is as follows:

The Bank	Increase/(decrease) in obligation		
	Change in Assumption	Increase in Assumption	Decrease in Assumption
		\$'000	\$'000
Discount rate	1%	(431,300)	553,681
Medical cost inflation	1%	548,966	(435,089)
Life expectancy	1 year	94,710	(94,710)

AGIC	Increase/(decrease) in obligation		
	Change in Assumption	Increase in Assumption	Decrease in Assumption
		\$'000	\$'000
Discount rate	1%	(27,654)	35,954
Medical cost inflation	1%	35,550	(27,825)
Life expectancy	1 year	4,500	(4,500)

The above sensitivity analyses are based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated.

### (c) Risks associated with pension plans and post-employment schemes

Through its defined benefit pension and other post-employment benefit schemes, the Group is exposed to a number of risks, the most significant of which are detailed below. The Group does not use derivatives to manage its plan risk. Investments are well diversified, such that failure of any single investment would not have a material impact on the overall level of assets.

#### Asset volatility risk

The schemes' liabilities are calculated using a discount rate set with reference to Government of Jamaica bond yields; if the schemes' assets underperform this yield, this will create a deficit.

#### Interest rate risk

The schemes' liabilities are calculated using a discount rate set with reference to Government of Jamaica bond yields. A decrease in Government of Jamaica bond yields will increase the schemes' liabilities, although this will be partially offset by an increase in the value of the schemes' fixed-rate bond holdings.

#### Salary risk

The present values of the defined benefit schemes' liabilities are calculated by reference to the future salaries of participants. As such, an increase in the salaries of participants will increase the schemes' liabilities.

#### Longevity risk

The majority of the schemes' obligations are to provide benefits for the life of the member, so increases in life expectancy will result in an increase in the schemes' liabilities.



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 38. Other Liabilities

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Accrued staff benefits	2,290,602	1,302,183	1,659,571	1,090,817
Due to customers, merchants and clients	3,077,684	2,982,683	1,573,012	1,395,655
Accrued other operating expenses	1,238,787	1,791,378	1,156,926	1,401,557
Due to Government	502,170	120,336	265,173	52,455
Other	989,170	901,449	556,287	621,633
	<u>8,098,413</u>	<u>7,098,029</u>	<u>5,210,969</u>	<u>4,562,117</u>

## 39. Share Capital

	2016	2015
	\$'000	\$'000
Authorised - unlimited		
Issued and fully paid up –		
2,466,762,828 ordinary stock units of no par value	6,465,731	6,465,731
5,293,916 ordinary stock units held by NCB Employee Share Scheme	(3,388)	(3,388)
Issued and outstanding	<u>6,462,343</u>	<u>6,462,343</u>

The NCB Employee Share Scheme was established in 1986 to acquire certain shares of NCB Group Limited, the then holding company for the Group, for the beneficial interest of eligible employees. The scheme holds 5.3 million units of the Bank's ordinary stock that have not been reissued to staff and are accounted for as treasury shares. The scheme, which is included in the consolidated financial statements, is currently dormant.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 40. Fair Value and Capital Reserves

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Fair value reserve	4,090,026	(1,162,185)	1,567,980	(255,887)
Capital reserve	4,422,731	3,927,506	374,471	374,471
	<u>8,512,757</u>	<u>2,765,321</u>	<u>1,942,451</u>	<u>118,584</u>
Capital reserve comprises:				
Realised –				
Capital gains from the scheme of arrangement	-	-	300,564	300,564
Surplus on revaluation of property, plant and equipment	92,991	92,991	-	-
Retained earnings capitalised	98,167	98,167	-	-
Share redemption reserve	1,077,382	1,077,382	-	-
Unrealised –				
Translation reserve	2,073,679	1,659,576	-	-
Surplus on revaluation of property, plant and equipment	142,963	142,963	73,907	73,907
Share of movement in reserves of associate	482,765	401,643	-	-
Other	454,784	454,784	-	-
	<u>4,422,731</u>	<u>3,927,506</u>	<u>374,471</u>	<u>374,471</u>

## 41. Loan Loss Reserve

This is a non-distributable reserve representing the excess of the provision for credit losses determined using the Bank of Jamaica's regulatory requirements over the amount determined under IFRS (Note 22).

## 42. Banking Reserve Fund

This fund is maintained in accordance with the Banking Services Act, 2014, which requires that a minimum of 15% of the net profits, as defined by the Act, of the Bank be transferred to the reserve fund until the amount of the fund is equal to 50% of the paid-up capital of the Bank and thereafter 10% of the net profits until the amount of the fund is equal to the paid-up capital of the Bank. The Banking Act, 1992 had similar requirements. During the 2012 financial year, the amount of the fund surpassed the paid-up capital of the Bank and therefore no further mandatory transfers were required.

The Financial Institutions Act, 2008, which is applicable for the Group's subsidiary in Trinidad and Tobago, requires that a minimum of 10% of the profit for the year in each period be transferred to a statutory reserve account until the balance on this reserve is not less than the paid-up capital.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 43. Retained Earnings Reserve

The Banking Services Act 2014 permits the transfer of any portion of the Bank's net profit to a retained earnings reserve. This reserve constitutes a part of the capital base and regulatory capital of the Bank.

### 44. Cash Flows from Operating Activities

	Note	The Group		The Bank	
		2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Net profit		14,448,560	12,301,790	12,456,352	7,888,482
Adjustments to reconcile net profit to net cash flow provided by operating activities:					
Depreciation	28	1,121,808	999,523	1,018,695	898,050
Amortisation of intangible assets	27	777,607	564,028	613,054	431,009
Impairment losses on securities	13	-	79,765	-	-
Share of after tax profits of associates	25	(832,480)	(433,666)	-	-
Loss on dilution of investment in associate		-	50,748	-	-
Provision for credit losses	22	612,355	1,799,158	591,039	1,795,638
Interest income	6	(39,156,349)	(37,485,884)	(29,281,135)	(27,390,043)
Interest expense	6	11,032,579	11,521,854	7,299,004	7,583,213
Income tax expense	15	4,479,992	4,082,309	2,577,275	1,872,535
Unrealised exchange losses on securitisation arrangements		3,458,209	1,456,241	3,458,209	1,456,241
Amortisation of upfront fees on securitisation arrangements		111,088	151,632	111,088	151,632
Unrealised exchange losses on other borrowed funds		426,081	3,116,904	162,642	74,096
Amortisation of upfront fees on other borrowed funds		-	-	-	597
Change in post-employment benefit obligations	37	354,219	433,175	308,430	247,135
Foreign exchange gains		(2,097,424)	(1,576,274)	(1,975,556)	(1,147,304)
Gain on disposal of property, plant and equipment and intangible assets		(12,944)	(65,979)	(13,151)	(65,459)
Fair value (gains)/ losses on investment property	26	(43,000)	9,000	-	-
Fair value losses on derivative financial instruments		230,380	95,019	230,380	95,019
Changes in operating assets and liabilities:					
Statutory reserves at Central Banks		(6,585,047)	(414,002)	(6,473,792)	(386,174)
Pledged assets included in due from other banks		(494,733)	(235,333)	(494,733)	(235,333)
Restricted cash included in due from other banks		235,357	(394,803)	235,357	(394,803)
Reverse repurchase agreements		(1,037,593)	(319,634)	-	1,416,032
Loans and advances		(24,425,321)	(9,641,007)	(51,832,378)	(8,206,656)
Customer deposits		46,176,913	26,152,493	40,855,269	16,112,764
Repurchase agreements		6,034,623	(33,760,156)	23,845,233	(30,116,562)
Liabilities under annuity and insurance contracts		593,379	458,364	-	-
Other		(2,437,853)	(654,006)	(2,039,630)	(1,617,409)
		(1,478,154)	(34,010,531)	(10,804,700)	(37,425,782)
Interest received		39,265,488	37,755,067	28,653,166	27,486,007
Interest paid		(11,032,398)	(12,053,073)	(7,268,582)	(7,913,220)
Income tax paid		(5,529,381)	(4,343,628)	(3,561,693)	(2,393,853)
		21,225,555	(12,652,165)	7,018,191	(20,246,848)
Net cash provided by/(used in) operating activities		35,674,115	(350,375)	19,474,543	(12,358,366)

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 45. Related Party Transactions and Balances

Parties are considered to be related if one party has the ability to control or exercise significant influence over the other party in making financial or operational decisions. The volumes of related party transactions, outstanding balances at the year end and related expenses and income for the year are as follows:

	The Group							
	Parent and companies controlled by major shareholder		Associated companies of the group		Directors and key management personnel (and their families)		Companies controlled by directors and related by virtue of common directorship	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b>Loans and advances</b>								
Balance at September 30	43,403	-	853,907	-	204,051	218,162	1,083,484	978,402
Interest income earned	2,358	-	90,265	26	9,627	12,346	107,735	67,738
<b>Investment securities</b>								
Balance at September 30	-	180,118	-	-	-	-	-	-
Interest income earned	12,348	13,860	-	-	-	-	-	-
<b>Reverse repurchase agreements</b>								
Balance at September 30	-	-	1,018,828	1,024,500	-	-	-	-
Interest income earned	-	-	4,537	14,175	-	-	-	-
<b>Other assets</b>								
Balance at September 30	-	11,025	1,096	514	-	-	96,013	79,003
<b>Fee and commission income</b>	5,080	22,054	21,194	30,361	960	955	5,457	2,379
<b>Other operating income</b>	9,581	8,989	-	-	-	-	407,472	351,095
<b>Dividend income</b>	-	-	-	-	-	-	30,312	10,973

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

## 45. Related Party Transactions and Balances (Continued)

	The Group (Continued)							
	Parent and companies controlled by major shareholder		Associated companies of the group		Directors and key management personnel (and their families)		Companies controlled by directors and related by virtue of common directorship	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b>Customer deposits</b>								
Balance at September 30	378,809	37,901	2,370,142	2,159,765	195,413	130,482	1,694,033	386,571
Interest expense	319	602	12,083	6,451	865	951	7,432	1,142
<b>Repurchase agreements</b>								
Balance at September 30	86,198	233,432	350,000	237,807	752,727	366,190	512,399	36,695
Interest expense	7,448	8,438	5,736	35,996	6,445	16,485	13,272	1,822
<b>Other liabilities</b>								
Balance at September 30	-	-	-	-	18,443	18,923	824	-
<b>Operating expenses</b>	46,744	145,991	4,928	4,472	14,224	17,198	565,786	695,433

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 45. Related Party Transactions and Balances (Continued)

	The Bank							
	Parent, subsidiaries and companies controlled by major shareholder		Associated companies of the group		Directors and key management personnel (and their families)		Companies controlled by directors and related by virtue of common directorship	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b>Loans and advances</b>								
Balance at September 30	29,488,580	45	853,907	-	204,051	218,162	1,083,484	978,402
Interest income earned	186,098	40	90,265	26	9,627	12,346	107,735	67,738
<b>Reverse repurchase agreements</b>								
Balance at September 30	-	1,147,803	-	800,000	-	-	-	-
Interest income earned	85,329	50,022	3,149	13,309	-	-	-	-
<b>Other assets</b>								
Balance at September 30	160,498	144,487	-	-	-	-	-	-
<b>Fee and commission income</b>	49,924	40,567	21,194	30,361	173	370	4,801	1,288
<b>Dividend income</b>	5,703,399	2,333,310	434,978	137,209	-	-	30,312	10,973
<b>Other operating income</b>	127,909	77,092	-	-	-	-	-	-

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 45. Related Party Transactions and Balances (Continued)

	The Bank (Continued)							
	Parent, subsidiaries and companies controlled by major shareholder		Associated companies of the group		Directors and key management personnel (and their families)		Companies controlled by directors and related by virtue of common directorship	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b>Customer deposits</b>								
Balance at September 30	3,915,524	1,255,735	2,370,142	2,159,765	195,413	130,482	1,694,033	386,571
Interest expense	11,866	59,002	12,083	6,451	865	951	7,432	1,142
<b>Repurchase agreements</b>								
Balance at September 30	16,596,298	2,137,907	350,000	237,807	-	-	-	-
Interest expense	64,111	357,329	5,549	35,996	-	-	-	-
<b>Due to other banks</b>								
Balance at September 30	10,436,446	8,764,274	-	-	-	-	-	-
Interest expense	290,147	347,601	-	-	-	-	-	-
<b>Other liabilities</b>								
Balance at September 30	44,588	58,385	-	-	-	-	-	-
<b>Operating Expenses</b>	444,041	418,620	4,928	4,472	14,224	17,198	565,786	695,433

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 45. Related Party Transactions and Balances (Continued)

	The Group		The Bank	
	2016	2015	2016	2015
	\$'000	\$'000	\$'000	\$'000
Key management compensation:				
Salaries and other short-term benefits	751,397	665,536	636,014	556,612
Post-employment benefits	40,081	34,327	37,329	31,700
	<u>791,478</u>	<u>699,863</u>	<u>673,343</u>	<u>588,312</u>
Directors' emoluments:				
Fees	27,909	26,414	14,222	12,669
Management remuneration	350,458	275,340	350,458	275,340
	<u>350,458</u>	<u>275,340</u>	<u>350,458</u>	<u>275,340</u>

## 46. Financial Risk Management

The Group takes an enterprise-wide approach to the identification, measurement, monitoring, reporting and management of all its risks. The principal financial risks faced by the organisation are identified as: credit, market, interest rate and liquidity risks.

The Group's risk management framework guides its risk-taking activities and ensures that it is in conformity with regulatory requirements, applicable laws, the Board's risk appetite, stockholders' expectations and standards of best practice. The framework incorporates a comprehensive risk governance structure and appropriate policies and procedures.

### ***Risk Governance Structure***

The Group's risk governance structure seeks to manage risk/reward by ensuring that revenue-generation activities are compliant with the Group's standards and risk tolerance, while maximising long term shareholder value. The Group's comprehensive risk governance structure incorporates: (a) oversight effected through the Board, Board committees and relevant management committees, (b) administrative controls effected through the establishment of policies, and (c) organisational controls effected through segregation of duties. These controls are reviewed on an ongoing basis to ensure that they provide effective governance of the Group's risk-taking activities.



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

Risk limits and benchmarks are integral to the risk management process, as they characterise the Board's risk tolerance and also that of the Regulator. Limits are established for:

- (i) Credit and Counterparty risk - exposures to individuals, group, counterparty, country;
- (ii) Market risk - rate gap exposure, currency exposure, market value exposure; and
- (iii) Liquidity risk - liquidity gaps, funding exposures/liability diversification and liquid assets levels.

Limits and benchmarks are monitored on an ongoing basis and reported to the relevant governance committees.

### **Policies & Procedures**

Rigorous policies and operational procedures are established throughout the organisation and are approved by the relevant management personnel and/or governance committees.

These policies and procedures incorporate requirements for compliance monitoring, maintenance of contingency plans and the provision of reports to management and the relevant governance committees and/or the Board of Directors.

### **(a) Credit risk**

This is defined as potential for loss to the organisation arising from failure of a borrower, guarantor or counterparty to honour their contractual obligations to the Group.

The Group incurs credit and counterparty risk primarily in its loan business, reverse repurchase arrangements, and certain investment activities. There is also credit risk in off-statement of financial position financial instruments, such as loan commitments. Credit risk management is facilitated by a cadre of loans officers and credit risk personnel, who together operate within a control framework which employs a hierarchical level of authorisations for transactions that expose the organisation to credit risk. Operating practices include the establishment of limits, ongoing monitoring of credit risk exposures, a disciplined approach to provisioning and loan loss evaluation in addition to ongoing reporting of portfolio exposures to the relevant governance committees and the regulators.

Credit risk arising from derivative financial instruments is, at any time, limited to those with positive fair values, as recorded in the statement of financial position.

Credit-related commitment risks arise from guarantees which may require payment on behalf of customers. Such payments are collected from customers based on the terms of the letters of credit. They expose the Group to risks similar to loans and these are mitigated by the same control policies and processes.

### **Credit review process**

The Group has established a credit quality review process involving regular analysis of the ability of borrowers and other counterparties to meet interest and capital repayment obligations.

The Group employs the following classifications in assessing its exposures to its borrowing customers. The classifications are in line with the Central Bank regulations.

Standard  
Special Mention  
Sub-Standard  
Doubtful  
Loss

Exposure to credit risk is mitigated by the taking of financial or physical assets.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (a) Credit risk (continued)

#### ***Collateral and other credit enhancements***

The amount and type of collateral required depend on an assessment of the credit risk of the counterparty. Guidelines are implemented regarding the acceptability of different types of collateral.

The main types of collateral obtained are as follows:

- (i) Loans - mortgages over residential properties, charges over business assets such as premises, inventory and accounts receivable and charges over financial instruments such as debt securities.
- (ii) Securities lending and reverse repurchase transactions – cash or securities.

The Group may also obtain guarantees from parent companies for loans to their subsidiaries.

Collateral values are monitored with a view to requesting additional collateral where market values are compromised or the terms in the loan agreements dictate.

#### ***Impairment loss provision methodology***

Provisions for impairment losses are assessed under three categories as described below:

##### *Sub-standard, Doubtful or Loss rated loans*

The Group identifies substandard, doubtful or loss rated loans as determined by Bank of Jamaica Regulations. The calculated provision is adjusted by the future cash flow from the realisation of the related collateral.

##### *Individually Significant, Standard and Special Mention loans*

Individually significant loans are reviewed to determine whether the loans show objective evidence of impairment and to determine the extent of provision required. Impairment may be determined through assessment of a number of factors, which include:

- (i) Any significant financial difficulty being experienced by the borrower.
- (ii) Breach of contract, such as default term, delinquency in principal and interest.
- (iii) High probability of bankruptcy or other financial reorganisation by the borrower.

##### *Collectively assessed provisions*

All loans, excluding those that are impaired, are assessed on a portfolio basis where possible, in order to reflect the homogenous nature of the loans. The provision is determined by a quantitative review of the respective portfolios.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (a) Credit risk (continued)

The tables below show the loans and the associated impairment provision for each internal rating class:

	<b>The Group</b>			
	<b>2016</b>		<b>2015</b>	
	<b>Loans \$'000</b>	<b>Impairment provision \$'000</b>	<b>Loans \$'000</b>	<b>Impairment provision \$'000</b>
Standard	180,879,221	933,903	151,965,646	1,041,824
Special Mention	4,305,083	19,029	7,428,917	9,088
Sub-Standard	1,658,477	658,037	2,211,649	73,934
Doubtful	964,421	380,668	897,555	866,972
Loss	4,585,304	1,790,618	6,728,508	2,443,370
	<u>192,392,506</u>	<u>3,782,255</u>	<u>169,232,275</u>	<u>4,435,188</u>

	<b>The Bank</b>			
	<b>2016</b>		<b>2015</b>	
	<b>Loans \$'000</b>	<b>Impairment provision \$'000</b>	<b>Loans \$'000</b>	<b>Impairment provision \$'000</b>
Standard	205,654,817	924,541	149,245,311	1,026,842
Special Mention	4,232,783	19,029	7,413,404	9,088
Sub-Standard	1,644,289	642,115	2,208,763	73,357
Doubtful	942,369	368,007	897,555	866,972
Loss	4,585,304	1,790,618	6,728,508	2,443,370
	<u>217,059,562</u>	<u>3,744,310</u>	<u>166,493,541</u>	<u>4,419,629</u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (a) Credit risk (continued)

The credit quality of loans is summarised as follows:

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Unimpaired	187,682,316	164,934,591	213,476,073	162,204,199
Impaired	4,710,190	4,297,684	3,583,489	4,289,342
Gross	192,392,506	169,232,275	217,059,562	166,493,541
Less: provision for credit losses	(3,782,255)	(4,435,188)	(3,744,310)	(4,419,629)
Net	188,610,251	164,797,087	213,315,252	162,073,912

The ageing analysis of past due but not impaired loans is as follows:

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Less than 30 days	35,472,598	27,850,621	35,317,978	27,806,276
31 to 60 days	2,955,506	4,117,936	2,918,619	3,969,811
61 to 90 days	1,534,733	4,242,746	1,364,101	4,088,292
Greater than 90 days	1,370,999	4,550,794	1,352,146	4,405,548
	41,333,836	40,762,097	40,952,844	40,269,927

Of the aggregate amount of gross past due but not impaired loans, \$26,123,838,000 was secured as at September 30, 2016 (2015 – \$31,654,463,000).

#### *Restructured loans*

Restructuring activities include extended payment arrangements, approved external management plans, and modification and deferral of payments. Following restructuring, a previously overdue customer account is reset to a normal status and managed together with other similar accounts. Restructuring policies and practices are based on indicators or criteria which, in the judgment of management, indicate that payment will most likely continue. These policies are kept under continuous review. Restructuring is most commonly applied to term loans.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (a) Credit risk (continued)

##### *Restructured loans (continued)*

The determination of whether a loan would qualify for renegotiation is made only if all factors indicate that the borrower is able to repay in full (including interest). In making this assessment, the Group takes its historic experience with the borrowers, their expected future cash flows, collateral valuations and any guarantees into consideration. Therefore, at the time of modification, all renegotiated loans are interest bearing with interest being calculated using the terms of the modified loan.

All renegotiated loans are individually assessed for impairment as the active renegotiation of a loan as a result of borrower difficulty, as defined in paragraph 59(c) of IAS 39, is considered a trigger for determining whether the loan should be tested for impairment. In carrying out its assessment, the Group uses the same methodology as with any other loan in the portfolio that exhibits other objective evidence of impairment. These loans are, however, actively monitored for at least 12 months from the time of renegotiation to determine whether circumstances have changed that would result in the loan being impaired or whether there should be an increase in the current level of impairment.

##### *Credit risk exposure*

The table below represents a worst case scenario of credit risk exposure of the Group and the Bank at the date of the statement of financial position, without taking account of any collateral held or other credit enhancements. For on-statement of financial position assets, the exposures set out below are based on net carrying amounts as reported in the statement of financial position.

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
<b><i>Credit risk exposures relating to on-statement of financial position assets:</i></b>				
Balances with Central Bank	30,704,768	25,304,199	30,452,384	25,139,367
Due from other banks	45,949,625	25,698,575	41,383,872	22,872,542
Derivative financial instruments	276,429	486,783	203,609	433,989
Investment securities at fair value through profit or loss	2,424,789	721,681	1,088,520	-
Reverse repurchase agreements	2,810,257	2,148,117	294,595	2,601,543
Loans and advances, net of provision for credit losses	189,055,786	165,404,606	214,363,740	162,675,184
Investment securities classified as available-for-sale and loans and receivables	269,508,442	274,494,553	128,638,059	121,503,718
Customers' liability – letters of credit and undertaking	2,201,599	1,775,088	2,201,599	1,775,088
Other assets	7,182,873	3,626,960	5,395,324	2,533,491
	<u>550,114,568</u>	<u>499,660,562</u>	<u>424,021,702</u>	<u>339,534,921</u>
<b><i>Credit risk exposures relating to off-statement of financial position items:</i></b>				
Credit commitments	41,679,159	32,757,165	41,679,159	32,757,165
Acceptances, guarantees and indemnities	5,726,390	5,268,774	3,492,305	2,905,921
	<u>47,405,549</u>	<u>38,025,939</u>	<u>45,171,464</u>	<u>35,663,086</u>

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (a) Credit risk (continued)

##### *Credit exposures*

##### (i) Loans

The majority of loans are made to customers in Jamaica. The following table summarises the credit exposure for loans at their carrying amounts, as categorised by the industry sectors:

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Agriculture	6,702,315	5,332,629	6,512,221	5,148,702
Public Sector	7,814,063	7,249,658	7,634,485	7,114,357
Construction and land development	8,588,972	14,520,281	8,552,553	14,484,072
Other financial institutions	1,038,793	1,208,784	29,841,685	1,179,839
Distribution	18,776,685	17,363,194	18,481,386	17,171,591
Electricity, water & gas	5,162,794	1,019,847	5,162,794	1,019,847
Entertainment	1,218,533	905,779	1,218,533	905,779
Manufacturing	6,891,818	6,555,246	5,148,653	6,340,513
Mining and processing	385,863	400,670	385,863	400,670
Personal	84,851,701	75,425,536	84,586,943	73,600,909
Professional and other services	6,670,619	4,641,271	6,056,145	4,588,817
Tourism	29,264,947	20,609,070	28,618,272	20,567,234
Transportation storage and communication	3,463,863	3,068,807	3,426,438	3,039,708
Overseas residents	11,561,539	10,931,503	11,433,591	10,931,503
Total	192,392,505	169,232,275	217,059,562	166,493,541
Total provision	(3,782,255)	(4,435,188)	(3,744,310)	(4,419,629)
	188,610,250	164,797,087	213,315,252	162,073,912
Interest receivable	445,536	607,519	1,048,488	601,272
Net	189,055,786	165,404,606	214,363,740	162,675,184

##### (ii) Debt securities

The following table summarises the credit exposure for debt securities at their carrying amounts, as categorised by issuer:

	The Group		The Bank	
	2016 \$'000	2015 \$'000	2016 \$'000	2015 \$'000
Government of Jamaica and Bank of Jamaica	223,112,935	244,201,054	116,955,421	113,937,851
Government of Jamaica guaranteed corporate bonds	8,784,602	6,626,817	2,992,954	1,347,444
Other corporate bonds	28,590,489	18,301,558	7,006,073	4,679,908
Foreign governments	7,707,720	2,412,826	1,054,143	-
	268,195,746	271,542,255	128,008,591	119,965,203
Interest receivable	3,737,481	3,673,979	1,717,988	1,538,515
	271,933,227	275,216,234	129,726,579	121,503,718

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (b) Liquidity risk

The Group's liquidity risk policy is designed to ensure that it can meet cash obligations when they fall due and take advantage of unanticipated earnings enhancement opportunities.

Liquidity management within the Group, which incorporates funding risk management, ensures that there is a sufficient level of liquid assets available in addition to stable funding lines to meet ongoing cash commitments even during periods of stress. The management of liquidity risk is executed within a framework which comprises:

- (i) Oversight by relevant governance committees;
- (ii) Daily management of liquidity by the relevant treasury/investment units within each group company;
- (iii) Use of tools to measure the organisation's exposures;
- (iv) Establishment and monitoring of limits/benchmarks for maturity mismatches and funding concentrations;
- (v) Diversification of funding sources;
- (vi) Maintenance of committed lines of credits; and
- (vii) Monitoring of adherence to regulatory ratios.

Monitoring and reporting take the form of cash flow measurement and projections for the next day, week and month, respectively, as these are key periods for liquidity management. The starting point for those projections is an analysis of the contractual maturity of the financial liabilities and the expected collection date of the financial assets.

The matching of the maturities and interest rates of assets and liabilities is fundamental to the management of the Group's liquidity exposure. It is unusual for companies ever to be completely matched since business transacted is often of uncertain term and of different types. An unmatched position potentially enhances profitability, but can also increase the risk of loss.

The maturities of assets and liabilities and the ability to replace, at an acceptable cost, interest-bearing liabilities as they mature, are important factors in assessing the liquidity of the Group and its exposure to changes in interest rates and exchange rates.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (b) Liquidity risk (continued)

##### *Cash flows of financial liabilities*

The tables below present the contractual maturities of undiscounted cash flows (both interest and principal cash flows) of the financial assets (expected) and liabilities (contractual and expected) based on the remaining period.

	The Group					
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>As at September 30, 2016:</b>						
Due to other banks	8,004,802	3,887,013	1,191,489	8,837,922	956,741	22,877,967
Customer deposits	228,561,576	26,114,007	28,820,608	1,548,131	876,107	285,920,429
Repurchase agreements	39,785,724	40,949,755	13,205,815	13,794,787	-	107,736,081
Obligations under securitisation arrangements	433,207	50,641	1,066,083	39,744,176	7,163,491	48,457,598
Other borrowed funds	17,877	845,592	4,800,870	7,873,106	-	13,537,445
Liabilities under annuity and insurance contracts	3,537,322	2,549,377	8,063,280	22,276,709	69,470,912	105,897,600
Other	5,737,724	863,979	153,279	-	157,816	6,912,798
<b>Total financial liabilities (contractual maturity dates)</b>	<b>286,078,232</b>	<b>75,260,364</b>	<b>57,301,424</b>	<b>94,074,831</b>	<b>78,625,067</b>	<b>591,339,918</b>
<b>Total financial liabilities (expected maturity dates)</b>	<b>43,543,461</b>	<b>51,769,513</b>	<b>51,948,489</b>	<b>80,284,531</b>	<b>416,877,508</b>	<b>644,423,502</b>
<b>Total financial assets (expected maturity dates)</b>	<b>65,005,848</b>	<b>12,810,601</b>	<b>82,956,884</b>	<b>280,291,558</b>	<b>492,311,276</b>	<b>933,376,167</b>
	The Group					
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>As at September 30, 2015:</b>						
Due to other banks	2,682,026	143,836	1,656,569	2,300,939	-	6,783,370
Customer deposits	195,967,403	14,228,349	17,129,461	1,110,845	-	228,436,058
Repurchase agreements	40,932,524	41,500,087	13,157,637	6,843,479	-	102,433,727
Obligations under securitisation arrangements	435,854	263,889	2,099,230	25,505,704	32,726,154	61,030,831
Other borrowed funds	3,395,092	368,953	856,801	4,882,051	1,092,364	10,595,261
Liabilities under annuity and insurance contracts	433,992	1,730,383	7,592,175	21,106,810	63,032,352	93,895,712
Other	5,486,193	702,023	97,282	-	58,955	6,344,453
<b>Total financial liabilities (contractual maturity dates)</b>	<b>249,333,084</b>	<b>58,937,520</b>	<b>42,589,155</b>	<b>61,749,828</b>	<b>96,909,825</b>	<b>509,519,412</b>
<b>Total financial liabilities (expected maturity dates)</b>	<b>36,875,185</b>	<b>10,430,788</b>	<b>14,043,088</b>	<b>54,477,610</b>	<b>413,571,585</b>	<b>529,398,256</b>
<b>Total financial assets (expected maturity dates)</b>	<b>116,210,350</b>	<b>21,831,140</b>	<b>56,299,597</b>	<b>270,247,601</b>	<b>315,299,062</b>	<b>779,887,750</b>



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (b) Liquidity risk (continued)

##### *Cash flows of financial liabilities (continued)*

	The Bank					
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>As at September 30, 2016:</b>						
Due to other banks	8,772,857	4,321,502	3,126,462	8,937,922	-	25,158,743
Customer deposits	221,580,495	23,164,151	20,302,790	1,081,881	876,107	267,005,424
Repurchase agreements	24,570,867	4,754,890	2,835,576	12,763,586	-	44,924,919
Obligations under securitisation arrangements	433,207	50,641	1,066,083	39,744,176	7,163,491	48,457,598
Other borrowed funds	757	60,768	172,539	4,943,288	469,751	5,647,103
Other	3,186,958	863,979	153,279	-	9,220	4,213,436
<b>Total financial liabilities (contractual maturity dates)</b>	<b>258,545,141</b>	<b>33,215,931</b>	<b>27,656,729</b>	<b>67,470,853</b>	<b>8,518,569</b>	<b>395,407,223</b>
<b>Total financial liabilities (expected maturity dates)</b>	<b>19,699,206</b>	<b>10,589,059</b>	<b>30,522,041</b>	<b>53,643,553</b>	<b>346,311,463</b>	<b>460,765,322</b>
<b>Total financial assets (expected maturity dates)</b>	<b>60,059,917</b>	<b>9,208,854</b>	<b>59,461,050</b>	<b>213,835,360</b>	<b>379,419,246</b>	<b>721,984,427</b>
	The Bank					
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>As at September 30, 2015:</b>						
Due to other banks	6,590,043	2,337,566	4,550,297	2,300,939	-	15,778,845
Customer deposits	191,189,685	11,268,568	12,020,137	387,203	-	214,865,593
Repurchase agreements	8,941,527	1,476,776	3,499,674	6,840,113	-	20,758,090
Obligations under securitisation arrangements	435,854	263,889	2,099,230	25,505,704	32,726,154	61,030,831
Other borrowed funds	29,406	260,885	797,211	3,928,418	1,092,364	6,108,284
Other	3,038,412	702,023	97,282	-	9,769	3,847,486
<b>Total financial liabilities (contractual maturity dates)</b>	<b>210,224,927</b>	<b>16,309,707</b>	<b>23,063,831</b>	<b>38,962,377</b>	<b>33,828,287</b>	<b>322,389,129</b>
<b>Total financial liabilities (expected maturity dates)</b>	<b>23,247,828</b>	<b>7,075,371</b>	<b>11,475,595</b>	<b>35,449,337</b>	<b>261,823,630</b>	<b>339,071,761</b>
<b>Total financial assets (expected maturity dates)</b>	<b>95,038,409</b>	<b>13,100,058</b>	<b>34,851,508</b>	<b>194,075,293</b>	<b>190,162,492</b>	<b>527,227,760</b>

Assets available to meet all of the liabilities and to cover outstanding loan commitments include cash, central bank balances, items in the course of collection, investment securities and other eligible bills, loans and advances to banks, and loans and advances to customers. In the normal course of business, a proportion of customer loans contractually repayable within one year will be extended. In addition, debt securities and treasury and other bills have been pledged to secure liabilities. The Group is also able to meet unexpected net cash outflows by selling securities and accessing additional funding sources from other financing institutions.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (b) Liquidity risk (continued)

##### *Cash flows of financial liabilities (continued)*

##### *Off-statement of financial position items*

The tables below show the contractual expiry by maturity of commitments.

	<b>The Group</b>			
	<b>No later than 1 year \$'000</b>	<b>1 to 5 years \$'000</b>	<b>Over 5 years \$'000</b>	<b>Total \$'000</b>
<b>At September 30, 2016</b>				
Credit commitments	41,679,150	-	-	41,679,150
Guarantees, acceptances and other financial facilities	3,533,130	895,230	1,298,030	5,726,390
Operating lease commitments	143,170	451,712	128,331	723,213
Capital commitments	5,738,960	-	-	5,738,960
	<u>51,094,410</u>	<u>1,346,942</u>	<u>1,426,361</u>	<u>53,867,713</u>
<b>At September 30, 2015</b>				
Credit commitments	32,757,165	-	-	32,757,165
Guarantees, acceptances and other financial facilities	4,013,432	168,062	1,087,280	5,268,774
Operating lease commitments	113,127	433,028	129,260	675,415
Capital commitments	2,431,552	-	-	2,431,552
	<u>39,315,276</u>	<u>601,090</u>	<u>1,216,540</u>	<u>41,132,906</u>
<b>The Bank</b>				
	<b>No later than 1 year \$'000</b>	<b>1 to 5 years \$'000</b>	<b>Over 5 years \$'000</b>	<b>Total \$'000</b>
<b>At September 30, 2016</b>				
Credit commitments	41,679,150	-	-	41,679,150
Guarantees, acceptances and other financial facilities	2,069,483	124,792	1,298,030	3,492,305
Operating lease commitments	125,644	393,755	128,331	647,730
Capital commitments	5,567,562	-	-	5,567,562
	<u>49,441,839</u>	<u>518,547</u>	<u>1,426,361</u>	<u>51,386,747</u>
<b>At September 30, 2015</b>				
Credit commitments	32,757,165	-	-	32,757,165
Guarantees, acceptances and other financial facilities	1,650,579	168,062	1,087,280	2,905,921
Operating lease commitments	113,127	433,028	129,260	675,415
Capital commitments	1,918,445	-	-	1,918,445
	<u>36,439,316</u>	<u>601,090</u>	<u>1,216,540</u>	<u>38,256,946</u>

Capital commitments are in relation to approved expenditures for property, plant, equipment and computer software that were unused as at the end of the respective financial years either because they relate to work in progress or are awaiting the start of the project. Of the total capital commitments, planned expenditure valuing \$2,539,919,000 (2015 – \$1,251,628,000) for the Group has already been contracted for.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (c) Market risk

The Group takes on exposure to market risk, which is defined as the potential for loss arising from changes in the market value of the organisation's financial instruments due to changes in certain market variables, such as interest rates, foreign exchange rates, equity prices, market liquidity and credit spreads.

The Group incurs market risk primarily in treasury, trading and structural banking activities. The Group takes a comprehensive governance approach in accordance with the enterprise-wide risk management framework. This includes:

- Oversight provided by the relevant governance committees.
- An independent market risk oversight function.
- The utilisation of tools and models to measure market risk exposure.
- Limit setting mechanisms and a monitoring process.
- The utilisation of scenario analysis and of stress testing for worst case events.

There has been no change to the manner in which the Group manages and measures this risk.

### (i) Currency risk

Currency risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates.

Foreign exchange risk occurs when the Group takes an open position in a currency. To control this exchange risk, the Group has approved limits for net open positions in each currency for both intra-day and overnight.

The Group also has transactional currency exposure. Such exposure arises from having financial assets in currencies other than those in which financial liabilities are expected to be settled. The Group ensures that its net exposure is kept to an acceptable level by buying or selling foreign assets to address short term imbalances.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (i) Currency risk (continued)

*Concentrations of currency risk – on- and off-statement of financial position financial instruments*

The tables below summarise the Group's and the Bank's exposure to foreign currency exchange rate risk as at the date of the statement of financial position.

	The Group					Total
	J\$	US\$	GBP	CAN\$	Other	
September 30, 2016	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>						
Cash in hand and balances at Central Banks	20,020,047	13,673,484	1,210,948	212,086	256,576	35,373,141
Due from other banks	5,266,378	28,951,000	8,441,532	1,236,729	2,053,986	45,949,625
Investment securities at fair value through profit or loss	1,377,256	1,627,186	12,667	-	102,764	3,119,873
Reverse repurchase agreements	1,105,785	1,704,472	-	-	-	2,810,257
Loans and advances net of provision for credit losses	95,735,645	89,843,780	-	-	3,476,361	189,055,786
Investment securities classified as available-for-sale and loans and receivables	128,061,726	141,383,245	2,089,730	495,558	519,409	272,549,668
Derivative financial instruments	203,609	72,820	-	-	-	276,429
Other	3,798,739	3,307,738	15,430	-	41,010	7,162,917
<b>Total financial assets</b>	<b>255,569,185</b>	<b>280,563,725</b>	<b>11,770,307</b>	<b>1,944,373</b>	<b>6,450,106</b>	<b>556,297,696</b>
<b>Liabilities</b>						
Due to other banks	975,304	12,147,281	83,819	44,671	22,383	13,273,458
Customer deposits	133,612,817	123,882,012	10,701,495	1,684,918	4,084,646	273,965,888
Repurchase agreements	38,866,894	67,108,044	-	-	-	105,974,938
Obligations under securitisation arrangements	-	48,457,598	-	-	-	48,457,598
Other borrowed funds	4,237,328	7,823,826	-	-	-	12,061,154
Liabilities under annuity and insurance contracts	34,675,370	607,283	-	-	-	35,282,653
Other	5,083,515	1,281,144	234,600	39,840	138,190	6,777,289
<b>Total financial liabilities</b>	<b>217,451,228</b>	<b>261,307,188</b>	<b>11,019,914</b>	<b>1,769,429</b>	<b>4,245,219</b>	<b>495,792,978</b>
<b>Net on-statement of financial position</b>	<b>38,117,957</b>	<b>19,256,537</b>	<b>750,393</b>	<b>174,944</b>	<b>2,204,887</b>	<b>60,504,718</b>
Guarantees, acceptances and other financial facilities	1,649,529	3,940,380	1,195	975	134,311	5,726,390
Credit commitments	26,804,089	14,875,061	-	-	-	41,679,150

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (i) *Currency risk (continued)*

*Concentrations of currency risk – on- and off-statement of financial position financial instruments (continued)*

	The Group					Total
	\$	US\$	GBP	CAN\$	Other	
September 30, 2015	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>						
Cash in hand and balances at						
Central Banks	18,172,465	9,273,528	1,104,547	169,006	155,544	28,875,090
Due from other banks	2,733,106	10,913,085	7,881,132	1,410,491	2,760,761	25,698,575
Investment securities at fair value						
through profit or loss	130,462	703,678	-	-	109,044	943,184
Reverse repurchase agreements	2,029,377	118,740	-	-	-	2,148,117
Loans and advances net of provision						
for credit losses	105,905,104	58,570,648	-	-	928,854	165,404,606
Investment securities classified as						
available-for-sale and loans and						
receivables	136,190,934	137,032,686	1,820,896	-	-	275,044,516
Other	2,320,759	1,227,390	332	174	83,927	3,632,582
<b>Total financial assets</b>	<b>267,482,207</b>	<b>217,839,755</b>	<b>10,806,907</b>	<b>1,579,671</b>	<b>4,038,130</b>	<b>501,746,670</b>
<b>Liabilities</b>						
Due to other banks	942,428	5,045,546	91,760	43,811	22,821	6,146,366
Customer deposits	118,143,476	94,803,000	10,038,745	1,463,800	3,401,964	227,850,985
Repurchase agreements	43,224,059	56,779,949	-	-	-	100,004,008
Obligations under securitisation						
arrangements	-	44,292,064	-	-	-	44,292,064
Other borrowed funds	3,942,583	4,652,730	-	-	-	8,595,313
Liabilities under annuity and						
insurance contracts	34,460,784	228,490	-	-	-	34,689,274
Other	4,390,955	1,741,697	287,470	54,528	23,986	6,498,636
<b>Total financial liabilities</b>	<b>205,104,285</b>	<b>207,543,476</b>	<b>10,417,975</b>	<b>1,562,139</b>	<b>3,448,771</b>	<b>428,076,646</b>
<b>Net on-balance sheet position</b>	<b>62,377,922</b>	<b>10,296,279</b>	<b>388,932</b>	<b>17,532</b>	<b>589,359</b>	<b>73,670,024</b>
Guarantees, acceptances and other						
financial facilities	2,356,001	2,904,384	1,293	-	7,096	5,268,774
Credit commitments	32,700,501	56,664	-	-	-	32,757,165

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (i) *Currency risk (continued)*

*Concentrations of currency risk—on- and off-balance sheet financial instruments (continued)*

	The Bank					Total
	J\$	US\$	GBP	CAN\$	Other	
September 30, 2016	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>						
Cash in hand and balances at Central Bank	20,004,931	13,673,484	1,208,780	212,086	18,936	35,118,217
Due from other banks	4,931,417	26,251,428	7,560,295	1,229,068	1,411,664	41,383,872
Derivative financial Instruments	203,609	-	-	-	-	203,609
Reverse repurchase agreements	-	294,595	-	-	-	294,595
Loans and advances net of provision for credit losses	125,180,801	87,238,406	-	-	1,944,533	214,363,740
Investment securities classified as fair value through profit or loss	1,088,520	-	-	-	-	1,088,520
Investment securities classified as available-for-sale and loans and receivables	40,660,547	85,946,127	1,683,163	495,558	-	128,785,395
Other	2,292,705	3,102,153	449	-	17	5,395,324
Total financial assets	194,362,530	216,506,193	10,452,687	1,936,712	3,375,150	426,633,272
<b>Liabilities</b>						
Due to other banks	975,129	22,145,877	415,916	64,264	107,187	23,708,373
Customer deposits	134,320,157	108,048,061	9,867,937	1,703,382	1,244,809	255,184,346
Repurchase agreements	9,960,900	33,637,882	-	-	-	43,598,782
Obligations under securitisation arrangements	-	48,457,598	-	-	-	48,457,598
Other borrowed funds	2,075,602	2,367,558	-	-	-	4,443,160
Other	3,588,729	552,531	61,229	1,132	9,815	4,213,436
Total financial liabilities	150,920,517	215,209,507	10,345,082	1,768,778	1,361,812	379,605,696
<b>Net on-balance sheet position</b>	43,442,313	1,296,686	107,605	167,934	2,013,339	47,027,577
Guarantees, acceptances and other financial facilities	1,649,529	1,706,295	1,195	975	134,311	3,492,305
Credit commitments	26,804,089	14,875,061	-	-	-	41,679,150

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (i) Currency risk (continued)

Concentrations of currency risk – on- and off-balance sheet financial instruments (continued)

	The Bank					Total
	J\$	US\$	GBP	CAN\$	Other	
September 30, 2015	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>						
Cash in hand and balances at Central Bank	18,133,033	9,273,514	1,099,030	169,006	29,685	28,704,268
Due from other banks	2,761,759	9,268,607	7,722,407	1,410,359	1,709,409	22,872,541
Derivative financial Instruments	433,989	-	-	-	-	433,989
Reverse repurchase agreements	2,008,000	593,543	-	-	-	2,601,543
Loans and advances net of provision for credit losses	105,905,052	56,770,132	-	-	-	162,675,184
Investment securities classified as available-for-sale and loans and receivables	44,245,990	75,541,522	1,819,897	-	-	121,607,409
Other	1,282,109	1,116,946	332	175	-	2,399,562
<b>Total financial assets</b>	<b>174,769,932</b>	<b>152,564,264</b>	<b>10,641,666</b>	<b>1,579,540</b>	<b>1,739,094</b>	<b>341,294,496</b>
<b>Liabilities</b>						
Due to other banks	941,165	13,425,948	380,773	52,820	99,836	14,900,542
Customer deposits	119,146,048	82,347,305	10,036,123	1,468,183	1,450,876	214,448,535
Repurchase agreements	9,236,099	10,425,282	77,230	34,928	11,406	19,784,945
Obligations under securitisation arrangements	-	44,292,064	-	-	-	44,292,064
Other borrowed funds	2,863,119	2,037,044	-	-	-	4,900,163
Other	3,074,150	711,701	60,252	636	747	3,847,486
<b>Total financial liabilities</b>	<b>135,260,581</b>	<b>153,239,344</b>	<b>10,554,378</b>	<b>1,556,567</b>	<b>1,562,865</b>	<b>302,173,735</b>
<b>Net on-balance sheet position</b>	<b>39,509,351</b>	<b>(675,080)</b>	<b>87,288</b>	<b>22,973</b>	<b>176,229</b>	<b>39,120,761</b>
Guarantees, acceptances and other financial facilities	2,356,001	541,531	1,293	-	7,096	2,905,921
Credit commitments	32,700,501	56,664	-	-	-	32,757,165

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (c) Market risk (continued)

#### (i) Currency risk (continued)

##### **Foreign currency sensitivity**

The following table indicates the currencies to which the Group and the Bank have significant exposures on its monetary assets and liabilities and its forecast cash flows. The change in currency rates below represents management's assessment of the possible change in foreign exchange rates. The sensitivity analysis represents the outstanding foreign currency denominated monetary items and adjusts their translation at the year-end for changes in foreign currency rates. The sensitivity analysis includes loans and advances to customers, investment securities and deposits. The correlation of variables will have a significant effect in determining the ultimate impact on market risk, but to demonstrate the impact due to changes in each variable, variables had to be considered on an individual basis. It should be noted that movements in these variables are non-linear.

There was no effect on other comprehensive income.

	2016			2015		
	% Change in Currency Rate	Effect on Net Profit		% Change in Currency Rate	Effect on Net Profit	
		The Group	The Bank		The Group	The Bank
		\$'000	\$'000		\$'000	\$'000
<b>Currency:</b>						
USD	1% Appreciation	(192,565)	(3,099)	1% Appreciation	(102,963)	6,751
	6% Depreciation	1,155,392	18,596	8% Depreciation	823,704	(54,005)
GBP	1% Appreciation	(7,504)	(2,058)	1% Appreciation	(3,889)	(873)
	6% Depreciation	45,024	12,348	8% Depreciation	31,115	6,983
CAN	1% Appreciation	(1,749)	(1,497)	1% Appreciation	(175)	(230)
	6% Depreciation	10,497	8,984	8% Depreciation	1,401	1,836

#### (ii) Interest rate risk

Interest rate risk arises when the Group's principal and interest cash flows from on and off statement of financial position items have mismatched repricing dates. The short term impact is experienced on the Group's net interest income and long term impact is felt on its equity.

The Group incurs interest rate mismatches from its interest bearing assets and liabilities with the size of such exposure being heavily dependent on the direction and degree of interest rate movements in addition to the size and maturity structure of the mismatched position. The Group's policy requires that such mismatches are managed. Accordingly, the Board requires that a comprehensive system of limits, gap analysis and stress testing be used to manage the Group's exposure.

Floating rate instruments expose the Group to cash flow interest risk, whereas fixed interest rate instruments expose the Group to fair value interest risk.



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (ii) Interest rate risk (continued)

The Group's interest rate risk policy requires it to manage interest rate risk by maintaining an appropriate mix of fixed and variable rate instruments. The policy also requires it to manage the maturities of interest bearing financial assets and interest bearing financial liabilities. Limits are established and monitored with respect to the level of mismatch of interest rate repricing that may be undertaken.

The following tables summarise the exposure to interest rate risk. It includes the financial instruments at carrying amounts, categorised by the earlier of contractual repricing or maturity dates.

	The Group						Total
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to 5 Years	Over 5 Years	Non-Interest Bearing	
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>September 30, 2016</b>							
<b>Assets</b>							
Cash in hand and balances at Central Banks	12,841,338	-	-	-	-	22,531,803	35,373,141
Due from other banks	39,569,970	310,665	-	-	-	6,068,990	45,949,625
Investment securities at fair value through profit or loss	-	-	-	539,065	2,243,126	337,682	3,119,873
Reverse repurchase agreements	1,324,722	1,392,078	82,946	-	-	10,511	2,810,257
Loans and advances net of provision for credit losses	102,483,197	27,851,170	10,346,332	20,608,301	26,342,168	1,424,618	189,055,786
Investment securities classified as available-for-sale and loans and receivables	45,379,068	24,350,068	22,150,422	54,129,641	119,787,173	6,753,296	272,549,668
Derivative financial instruments	-	-	-	-	-	276,429	276,429
Other	-	-	-	-	-	7,162,917	7,162,917
<b>Total financial assets</b>	<b>201,598,295</b>	<b>53,903,981</b>	<b>32,579,700</b>	<b>75,277,007</b>	<b>148,372,467</b>	<b>44,566,246</b>	<b>556,297,696</b>
<b>Liabilities</b>							
Due to other banks	4,089,439	4,597,655	874,099	-	767,580	2,944,685	13,273,458
Customer deposits	174,527,526	21,948,242	26,644,871	1,048,341	-	49,796,908	273,965,888
Repurchase agreements	39,410,811	40,403,541	12,563,170	13,032,664	-	564,752	105,974,938
Obligations under securitisation arrangements	-	-	-	15,991,250	31,982,500	483,848	48,457,598
Other borrowed funds	24,816	757,896	1,271,816	9,592,418	359,787	54,421	12,061,154
Liabilities under annuity and insurance contracts	23,964,734	137,548	685,533	-	-	10,494,838	35,282,653
Other	-	-	-	-	-	6,777,289	6,777,289
<b>Total financial liabilities</b>	<b>242,017,326</b>	<b>67,844,882</b>	<b>42,039,489</b>	<b>39,664,673</b>	<b>33,109,867</b>	<b>71,116,741</b>	<b>495,792,978</b>
<b>On statement of financial position interest sensitivity gap</b>	<b>(40,419,031)</b>	<b>(13,940,901)</b>	<b>(9,459,789)</b>	<b>35,612,334</b>	<b>115,262,600</b>	<b>(28,550,495)</b>	<b>60,504,718</b>
<b>Cumulative interest sensitivity gap</b>	<b>(40,419,031)</b>	<b>(54,359,932)</b>	<b>(63,819,721)</b>	<b>(28,207,387)</b>	<b>87,055,213</b>	<b>60,504,718</b>	

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (c) Market risk (continued)

#### (ii) Interest rate risk (continued)

	The Group						Total
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to 5 Years	Over 5 Years	Non-Interest Bearing	
September 30, 2015	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>							
Cash in hand and balances at Central Banks	9,851,361	-	-	-	-	19,023,729	28,875,090
Due from other banks	13,518,526	2,627,996	-	-	-	9,552,053	25,698,575
Investment securities at fair value through profit or loss	4,088	-	591	258,271	446,983	233,251	943,184
Reverse repurchase agreements	2,148,117	-	-	-	-	-	2,148,117
Loans and advances net of provision for credit losses	61,429,584	27,778,560	11,146,057	47,652,297	14,938,176	2,459,932	165,404,606
Investment securities classified as available-for-sale and loans and receivables	43,907,673	30,189,031	25,053,280	84,557,198	86,862,308	4,475,026	275,044,516
Other	-	-	-	-	-	3,669,312	3,669,312
<b>Total financial assets</b>	<b>130,859,349</b>	<b>60,595,587</b>	<b>36,199,928</b>	<b>132,467,766</b>	<b>102,247,467</b>	<b>39,413,303</b>	<b>501,783,400</b>
<b>Liabilities</b>							
Due to other banks	144,799	73,437	1,387,489	1,780,511	-	2,760,130	6,146,366
Customer deposits	148,250,573	11,591,717	19,118,877	1,036,113	-	47,853,705	227,850,985
Repurchase agreements	40,348,801	40,080,870	12,665,487	6,248,189	-	660,661	100,004,008
Obligations under securitisation arrangements	-	-	-	14,171,437	29,675,175	445,452	44,292,064
Other borrowed funds	2,621,270	313,869	686,537	4,384,362	565,622	23,653	8,595,313
Liabilities under annuity and insurance contracts	22,917,034	131,535	655,563	-	-	10,985,142	34,689,274
Other	-	-	-	-	-	6,344,453	6,344,453
<b>Total financial liabilities</b>	<b>214,282,477</b>	<b>52,191,428</b>	<b>34,513,953</b>	<b>27,620,612</b>	<b>30,240,797</b>	<b>69,073,196</b>	<b>427,922,463</b>
<b>On statement of financial position interest sensitivity gap</b>	<b>(83,423,128)</b>	<b>8,404,159</b>	<b>1,685,975</b>	<b>104,847,154</b>	<b>72,006,670</b>	<b>(29,659,893)</b>	<b>73,860,937</b>
<b>Cumulative interest sensitivity gap</b>	<b>(83,423,128)</b>	<b>(75,018,969)</b>	<b>(73,332,994)</b>	<b>31,514,160</b>	<b>103,520,830</b>	<b>73,860,937</b>	

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (ii) Interest rate risk (continued)

	The Bank						Total
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to Years	Over 5 Years	Non-Interest Bearing	
September 30, 2016	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>							
Cash in hand and balances at Central Bank	159,238	-	-	-	-	34,958,979	35,118,217
Due from other banks	35,097,351	557,945	-	-	-	5,728,576	41,383,872
Derivative financial instruments	-	-	-	-	-	203,609	203,609
Investment securities at fair value through profit or loss	-	-	-	-	1,082,094	6,426	1,088,520
Reverse repurchase agreements	294,239	-	-	-	-	356	294,595
Loans and advances net of provision for credit losses	102,465,134	27,847,081	9,159,255	48,219,295	25,235,018	1,437,957	214,363,740
Investment securities classified as available-for-sale and loans and receivables	17,092,900	3,902,227	9,080,227	38,956,957	57,894,697	1,858,387	128,785,395
Other	-	-	-	-	-	5,395,324	5,395,324
<b>Total financial assets</b>	<b>155,108,862</b>	<b>32,307,253</b>	<b>18,239,482</b>	<b>87,176,252</b>	<b>84,211,809</b>	<b>49,589,614</b>	<b>426,633,272</b>
<b>Liabilities</b>							
Due to other banks	4,857,494	5,032,144	10,874,050	-	-	2,944,685	23,708,373
Customer deposits	167,552,262	19,050,058	18,303,843	606,071	-	49,672,112	255,184,346
Repurchase agreements	24,531,244	4,631,483	2,267,193	12,025,420	-	143,442	43,598,782
Obligations under securitisation arrangements	-	-	-	40,810,259	7,163,491	483,848	48,457,598
Other borrowed funds	756	59,976	164,379	3,858,262	359,787	-	4,443,160
Other	-	-	-	-	-	4,213,436	4,213,436
<b>Total financial liabilities</b>	<b>196,941,756</b>	<b>28,773,661</b>	<b>31,609,465</b>	<b>57,300,012</b>	<b>7,523,278</b>	<b>57,457,523</b>	<b>379,605,695</b>
<b>On statement of financial position interest sensitivity gap</b>	<b>(41,832,894)</b>	<b>3,533,592</b>	<b>(13,369,983)</b>	<b>29,876,240</b>	<b>76,688,531</b>	<b>(7,867,909)</b>	<b>47,027,577</b>
<b>Cumulative interest sensitivity gap</b>	<b>(41,832,894)</b>	<b>(38,299,302)</b>	<b>(51,669,285)</b>	<b>(21,793,045)</b>	<b>54,895,486</b>	<b>47,027,577</b>	

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (c) Market risk (continued)

#### (ii) Interest rate risk (continued)

	The Bank						Total
	Within 1 Month	2 to 3 Months	4 to 12 Months	1 to Years	Over 5 Years	Non-Interest Bearing	
September 30, 2015	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Assets</b>							
Cash in hand and balances at Central Bank	9,806,646	-	-	-	-	18,897,622	28,704,268
Due from other banks	13,986,400	2,563,308	-	-	-	6,322,833	22,872,541
Derivative financial instruments	-	-	-	-	-	433,989	433,989
Reverse repurchase agreements	2,601,504	-	39	-	-	-	2,601,543
Loans and advances net of provision for credit losses	61,368,902	27,417,008	10,936,761	45,870,916	14,626,350	2,455,247	162,675,184
Investment securities classified as available-for-sale and loans and receivables	12,522,750	3,527,772	15,423,526	47,919,238	40,675,608	1,538,515	121,607,409
Other	-	-	-	-	-	2,399,562	2,399,562
<b>Total financial assets</b>	<b>100,286,202</b>	<b>33,508,088</b>	<b>26,360,326</b>	<b>93,790,154</b>	<b>55,301,958</b>	<b>32,047,768</b>	<b>341,294,496</b>
<b>Liabilities</b>							
Due to other banks	3,811,517	2,267,167	4,281,217	1,780,511	-	2,760,130	14,900,542
Customer deposits	143,510,023	9,141,785	13,717,061	360,648	-	47,719,018	214,448,535
Repurchase agreements	8,861,993	1,395,073	3,108,006	6,245,035	-	174,838	19,784,945
Obligations under securitisation arrangements	-	-	-	14,171,437	29,675,175	445,452	44,292,064
Other borrowed funds	22,707	209,257	633,222	3,469,355	565,622	-	4,900,163
Other	-	-	-	-	-	3,847,486	3,847,486
<b>Total financial liabilities</b>	<b>156,206,240</b>	<b>13,013,282</b>	<b>21,739,506</b>	<b>26,026,986</b>	<b>30,240,797</b>	<b>54,946,924</b>	<b>302,173,735</b>
<b>On statement of financial position interest sensitivity gap</b>	<b>(55,920,038)</b>	<b>20,494,806</b>	<b>4,620,820</b>	<b>67,763,168</b>	<b>25,061,161</b>	<b>(22,899,156)</b>	<b>39,120,761</b>
<b>Cumulative interest sensitivity gap</b>	<b>(55,920,038)</b>	<b>(35,425,232)</b>	<b>(30,804,412)</b>	<b>36,958,758</b>	<b>62,019,917</b>	<b>39,120,761</b>	

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### (ii) Interest rate risk (continued)

The tables below summarise the effective interest rates for financial instruments by major currencies.

	The Group				The Bank			
	\$	US\$	CAN\$	GBP	\$	US\$	CAN\$	GBP
	%	%	%	%	%	%	%	%
<b>September 30, 2016</b>								
<b>Assets</b>								
Balances at Central Banks	0.41	0.00	0.12	-	0.41	-	0.12	-
Due from other banks	3.69	2.19	0.27	0.35	6.12	0.03	-	0.36
Investment securities at fair value through profit or loss	7.73	7.78	-	-	7.73	-	-	-
Reverse repurchase agreements	5.06	1.19	-	-	-	1.55	-	-
Loans and advances	14.85	7.51	-	-	14.85	7.48	-	-
Investment securities classified as available-for-sale and loans and receivables	7.37	5.69	1.30	4.25	7.02	6.27	3.35	4.25
<b>Liabilities</b>								
Due to other banks	4.62	3.65	-	-	4.62	3.65	-	-
Customer deposits	0.88	1.14	0.14	0.18	0.88	1.08	0.14	0.18
Repurchase agreements	6.30	2.70	-	-	6.30	2.70	-	-
Obligations under securitisation arrangements	-	6.36	-	-	-	6.36	-	-
Other borrowed funds	7.68	4.75	-	-	7.31	4.69	-	-
<b>September 30, 2015</b>								
<b>Assets</b>								
Balances at Central Banks	0.2	0.01	0.4	-	0.2	0.01	0.4	-
Due from other banks	4.2	0.02	0.9	0.2	4.2	0.02	0.9	0.2
Investment securities at fair value through profit or loss	12.8	7.02	-	-	-	-	-	-
Reverse repurchase agreements	6.5	2.0	-	-	6.0	3.5	-	-
Loans and advances	15.5	7.4	-	-	15.5	7.4	-	-
Investment securities classified as available-for-sale and loans and receivables	7.3	5.9	-	4.2	7.2	6.6	-	6.8
<b>Liabilities</b>								
Due to other banks	4.9	3.9	0.3	0.5	4.9	3.9	0.3	0.5
Customer deposits	1.2	1.7	0.3	0.4	1.2	1.7	0.3	0.4
Repurchase agreements	7.5	4.6	0.3	0.8	7.5	4.6	0.3	0.8
Obligations under securitisation arrangements	-	6.6	-	-	-	6.6	-	-
Other borrowed funds	7.2	4.6	-	-	7.2	4.6	-	-

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (c) Market risk (continued)

#### (ii) Interest rate risk (continued)

##### *Interest rate sensitivity*

The following table indicates the sensitivity to a reasonable possible change in interest rates, with all other variables held constant, on the income statement and stockholders' equity.

The sensitivity of the profit or loss is the effect of the assumed changes in interest rates on net income based on the floating rate of non-trading financial assets and financial liabilities. The sensitivity of other comprehensive income is calculated by revaluing fixed rate available-for-sale financial assets for the effects of the assumed changes in interest rates. The correlation of variables will have a significant effect in determining the ultimate impact on market risk, but to demonstrate the impact due to changes in variable, variables had to be on an individual basis. It should be noted that movements in these variables are non-linear.

	<b>The Group</b>			
	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>
	<b>2016</b>	<b>2016</b>	<b>2015</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Change in basis points:</b>				
Decrease - JMD -100 and USD -50	(575,629)	3,351,651	(526,677)	2,221,464
Increase - JMD +100 and USD +100	165,806	(3,494,396)	375,807	(2,909,161)
	<b>The Bank</b>			
	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>
	<b>2016</b>	<b>2016</b>	<b>2015</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Change in basis points:</b>				
Decrease - JMD -100 and USD -50	(178,146)	1,206,056	(159,785)	1,181,220
Increase - JMD +100 and USD +100	115,032	(894,223)	106,523	(1,538,880)

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (c) Market risk (continued)

#### (iii) Other price risk

The Group is exposed to equity securities price risk because of investments held by the Group and classified either as available-for-sale or at fair value through profit or loss. To manage its price risk arising from investments in equity securities, the Group diversifies its portfolio. Diversification of the portfolio is done in accordance with the limits set by the Group.

The Group's investments in quoted equity securities are of other entities that are publicly traded on the Jamaica Stock Exchange.

#### **Sensitivity to changes in price of equity securities**

The following table indicates the sensitivity to a reasonable possible change in prices of equity securities, with all other variables held constant, on the income statement and stockholders' equity.

The sensitivity of the profit or loss is the effect of the assumed fair value changes of investment securities classified at fair value through profit or loss. The sensitivity of other comprehensive income is the effect of the assumed fair value changes of investment securities classified as available-for-sale. The correlation of variables will have a significant effect in determining the ultimate impact on market risk, but to demonstrate the impact due to changes in variable, variables had to be on an individual basis. It should be noted that movements in these variables are non-linear.

	<b>The Group</b>			
	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>
	<b>2016</b>	<b>2016</b>	<b>2015</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Percentage change in share price</b>				
10% decrease	(31,130)	(235,641)	(20,395)	(62,085)
10% increase	31,130	235,641	20,395	62,085
	<b>The Bank</b>			
	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>	<b>Effect on Net Profit</b>	<b>Effect on Equity</b>
	<b>2016</b>	<b>2016</b>	<b>2015</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Percentage change in share price</b>				
10% decrease	-	(15,234)	-	(10,369)
10% increase	-	15,234	-	10,369

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (d) Derivative financial instruments

The Group's derivative transactions are primarily directed at hedging its risk exposures which arise during the normal course of its treasury and investment activities. When entering into derivative transactions, the Group employs the same credit risk management procedures to assess and approve potential credit exposures that are used for traditional lending.

### (e) Insurance risk

The Group issues contracts that transfer insurance risk or financial risk or both.

The risk under any one insurance contract is the possibility that the insured event occurs and the uncertainty of the amount of the resulting claim. By the very nature of an insurance contract this risk is random and therefore unpredictable. Experience shows that the larger the portfolio of similar insurance contracts, the smaller will be the relative variability about the expected outcome. In addition, a more diversified portfolio is less likely to be affected across the board by a change in any subset of the portfolio.

For a portfolio of insurance contracts where the theory of probability is applied to pricing and provisioning, the principal risk that the Group faces under insurance contracts is that the actual claims and benefit payments exceed the carrying amount of the insurance liabilities. This could occur because the frequency of or severity of claims and benefits will vary from year to year from the estimate established using statistical techniques.

#### Life insurance risk

The Group issues contracts that have a maximum period determined by the remaining life of the insured. In addition to the estimated benefits which may be payable under the contract, the Group has to assess the cash flows which may be attributable to the contract. The process of underwriting may also be undertaken and may include specific medical tests and other enquiries which affect the Group's assessment of the risk.

#### *Frequency and severity of claims*

For contracts where death is the insured risk, the most significant factors that could increase the overall frequency and severity of claims are epidemics (such as AIDS) and wide-ranging lifestyle changes, such as in eating, smoking and exercise habits, resulting in earlier or more claims than expected.

The Group charges for mortality risks on a monthly basis for insurance contracts with investment options and has the right to alter these charges based on mortality experience and hence to minimise its exposure to mortality risk on these contracts. Delays in implementing increases in mortality charges, and contractual, market or regulatory restraints over the extent of any increases, may reduce this mitigating effect.

The Group also manages mortality risks on its contracts through its underwriting strategy and reinsurance arrangements. The underwriting strategy is intended to minimise the risk of anti-selection. The Group's underwriting strategy has a twofold approach:

- a) products that are subject to traditional methods of application and assessment are controlled by traditional underwriting methods including medical and financial selection with benefits being limited to reflect the health and/or financial condition of applicants and by the application of retention limits on any single life insured.
- b) products which are not subject to traditional methods of application and assessment contain pre-existing conditions and exclusionary clauses for certain types of high-risk medical and financial events, with claims on these types of policies examined for breaches to those clauses and denied or settled accordingly.



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 46. Financial Risk Management (Continued)

#### (e) Insurance risk (continued)

##### Life insurance risk (continued)

The tables below indicate the concentration of insured benefits across bands of insured benefits per individual life assured. The Group uses catastrophe re-insurance cover against its Individual contracts as the main risks faced by these contracts are interest rate and liquidity:

	Total Benefits Assured - Individual			
	2016		2015	
	\$'000	\$'000	\$'000	\$'000
	Contracts with Investment Options	Contracts without Investment Options	Contracts with Investment Options	Contracts without Investment Options
<b>Benefits assured per life assured (\$'000)</b>				
0 – 1,000	14,392,588	4,011,301	14,207,160	3,655,035
1,000 – 2,000	4,036,669	15,606,248	3,913,740	11,751,073
2,000 – 5,000	5,243,275	14,255,703	5,006,059	8,783,503
5,000 – 10,000	3,539,180	980,000	3,256,607	-
Over 10,000	4,114,990	-	3,826,638	-
	<u>31,326,672</u>	<u>34,853,252</u>	<u>30,210,204</u>	<u>24,189,611</u>

	Total Benefits Assured - Group			
	2016		2015	
	\$'000	\$'000	\$'000	\$'000
	Before Re-insurance	After Re-insurance	Before Re-insurance	After Re-insurance
<b>Benefits assured per life assured (\$'000)</b>				
0 – 1,000	16,928,296	16,925,914	15,678,860	15,678,470
1,000 – 2,000	13,376,014	13,372,158	12,576,523	12,571,475
2,000 – 5,000	17,409,645	17,023,529	14,779,023	14,630,525
5,000 – 10,000	13,646,956	9,748,141	13,818,252	10,524,162
Over 10,000	15,329,352	4,861,801	12,926,614	4,467,478
	<u>76,690,263</u>	<u>61,931,543</u>	<u>69,779,272</u>	<u>57,872,110</u>

The Group uses catastrophe re-insurance cover against its Ordinary Life, Group Life and Creditor Life contracts as the main risks faced by these contracts are interest rate and liquidity.

- The premium ceded during the year in respect of catastrophe re-insurance cover amounted to \$27,775,000 (2015 – \$24,566,000). Premium income recognised in the income statement is shown net of these amounts.
- Policyholders' benefits recovered from reinsurers during the year under these contracts amounted to \$6,388,000 (2015 – \$25,010,000).
- At September 30, 2016, premiums payable under re-insurance contracts amounted to \$2,705,000 (2015 – \$2,044,000).
- At September 30, 2016, there were no amounts receivable from reinsurers in respect of policyholders' benefits (2015 – \$Nil).

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 46. Financial Risk Management (Continued)

### (e) Insurance risk (continued)

#### *Life insurance risk (continued)*

The following table for annuity contracts illustrates the concentration of risk in relation to the amount payable as if the annuity were in payment at the year end:

	<b>Total Annuities Payable</b>	
	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
<b>Annuity payable per annum per annuitant (\$'000)</b>		
0 -100	41,504	36,630
100 – 300	108,415	89,790
300 – 500	113,700	105,702
500 – 1,000	199,548	176,180
Over 1,000	767,582	740,002
	<u>1,230,749</u>	<u>1,148,304</u>

The Group does not hold any re-insurance against the liabilities in these contracts.

Insurance risk for contracts disclosed in this note is also affected by the contract holders' right to pay reduced or no future premiums, or to terminate the contract completely. As a result, the amount of insurance risk is also subject to contract holders' behaviour. The Group has factored the impact of contract holders' behaviour into the assumptions used to measure these liabilities.

#### *Sources of uncertainty in the estimation of future benefit payments and premium payments*

Uncertainty in the estimation of future benefit payments and premium receipts for long term insurance contracts arises from the unpredictability of long term changes in overall levels of mortality and morbidity and the variability in policyholder behaviour.

The Group uses appropriate base tables of standard mortality and morbidity according to the type of contract being written. An investigation as to the actual experience of the Group is carried out by the Appointed Actuary, and a comparison of the actual rates with expected rates is performed. Where data are insufficient to be statistically credible, the best estimates of future mortality and morbidity are based on standard industry tables adjusted for the Group's overall experience. For contracts that insure survival, an adjustment is made for future mortality and morbidity improvements based on trends identified in the continuous mortality and morbidity investigations performed by independent actuarial bodies. The Group maintains voluntary termination statistics to investigate the deviation of actual termination experience against assumptions. Statistical methods are used to determine appropriate termination rates to be used for the best estimate assumption.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (e) Insurance risk (continued)

#### *Life insurance risk (continued)*

##### *Process used in deriving assumptions*

The assumptions for insurance contracts and the process used in deriving these assumptions have remained substantially unchanged since the previous year.

Estimates are made in two stages:

- (i) At inception of the contract, the Group determines assumptions in relation to future deaths, voluntary terminations, investment returns and administration expenses. These assumptions are used as the base assumptions for calculating the liabilities; and
- (ii) Subsequently, new estimates are developed at each reporting date and the assumptions are altered to reflect the latest current estimates or experience.

Assumptions are considered to be 'best estimate' if, on average, the results are expected to be worse than the assumptions in 50% of possible scenarios and better in the other 50%. See Note 35 for details on policy assumptions.

##### *Reinsurance risk*

Reinsurance risk is the risk that a reinsurer will default and not honour obligations arising from claims. The Group limits the probable loss in the event of individual deaths and any single catastrophic accident occurrence by reinsuring its insurance risk above certain limits with other insurers. Reinsurance ceded does not discharge the Group's liability as the primary insurer. The Group manages reinsurance risk by selecting reinsurers with high credit ratings and monitoring these on an ongoing basis. The current reinsurer is Swiss Re (registered in Canada) whose financial strength rating from Standard & Poor's is AA- (at June 2016) and from AM Best A+ (at January 2016).

Retention limits represent the level of risk retained by the insurer. Coverage in excess of these limits is ceded to reinsurers up to the treaty limit, the limits of coverage accepted by the Group under these contracts falls into two main categories with limits of \$3,000,000 and \$7,500,000 per life, coverage in excess of these limits is ceded to reinsurers.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (e) Insurance risk (continued)

#### ***Property and casualty insurance risk***

The Group manages its property and casualty insurance risk through its underwriting policy that includes *inter alia*, authority limits, approval procedures for transactions that exceed set limits, pricing guidelines and the centralised management of reinsurance. The Group actively monitors insurance risk exposures both for individual and portfolio types of risks. These methods include internal risk measurement, portfolio modeling and scenario analyses.

#### *Underwriting strategy*

The Group manages the risks arising from its underwriting of property and casualty insurance contracts through policies which provide guidance on how to determine the insurability of risks and exposure to large claims. The Group follows detailed, uniform underwriting practices and procedures designed to properly assess and quantify risks before issuing coverage. The Group's underwriting guidelines also outline acceptance limits and the appropriate levels of authority for acceptance of risks.

#### *Reinsurance strategy*

A detailed analysis of the Group's exposures, reinsurance needs and quality of reinsurance securities is conducted by the Board and Senior Management. The Group's exposures are continually evaluated by Management to ensure that its reinsurances remain adequate and mechanisms are in place to continually monitor the reinsurance counterparties to ensure that they maintain "A" rating, in keeping with the company's Board approved Reinsurance Risk Management Policy.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (e) Insurance risk (continued)

#### ***Property and casualty insurance risk (continued)***

##### *Motor insurance*

Motor insurance contracts provide cover in respect of policyholders' motor vehicles and their liability to third parties in respect of damage to property and injury. The exposure on motor insurance contracts is normally limited to the replacement value of the vehicle and a policy limit in respect of third party damage. In general, claims reporting lags are minor and claims complexity is relatively low.

The risks relating to motor contracts are managed primarily through the pricing and selection process. The Group monitors and reacts to changes in trends of injury awards, litigation and the frequency of claims appeals.

##### *Property insurance*

Property insurance indemnifies, subject to any limits or excesses, the policyholder against the loss or damage to their own material property and business interruption arising from this damage. The risk on any policy varies according to many factors such as location, safety measures in place and the age of the property. The event giving rise to a claim for damage to buildings or contents usually occurs suddenly (as for fire and burglary) and the cause is easily determinable. Therefore, claims are generally notified promptly and can be settled without delay. Property business is therefore classified as "short-tailed" and expense deterioration and investment return is of less importance in estimating provisions. The cost of repairing or rebuilding assets, of replacement or indemnity for contents and the time taken to restart or resume operations to original levels for business interruption losses are the key factors influencing the level of claims under these policies.

The risks relating to property contracts are managed primarily through the pricing and selection process. The Group uses strict underwriting criteria to ensure that the risk of losses is acceptable. Furthermore, the Group accepts property insurance risks for one year so that each contract can be re-priced on renewal to reflect the continually evolving risk profile.

##### *Liability insurance*

Under these contracts, compensation is paid for injury suffered by individuals, including employees or members of the public. The main liability exposure is in relation to bodily injury. The timing of claim reporting and settlement is a function of factors such as the nature of the coverage and the policy provisions. Although bodily injury claims have a relatively long tail, the majority of bodily injury claims are settled in full within three to four years. In general, these contracts involve higher estimation uncertainty.

Risks arising from liability insurance are managed primarily through pricing, product design, risk selection, adopting an appropriate investment strategy, rating and reinsurance. The Group monitors and reacts to changes in the general economic and commercial environment in which it operates to ensure that only liability risks which meet its criteria for profitability are underwritten. In pricing contracts, the company makes assumptions that costs will increase in line with the latest available research.



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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### 46. Financial Risk Management (Continued)

#### (f) Capital management

The Group's objectives when managing capital, which is a broader concept than the 'equity' on the face of statement of financial position, are:

- To comply with the capital requirements set by the regulators of the financial markets where the entities within the Group operate;
- To safeguard the Group's ability to continue as a going concern so that it can continue to provide returns for stockholders and benefits for other stakeholders; and
- To maintain a strong capital base to support the development of its business.

All of the Group's significant subsidiaries and associates are individually regulated by the Financial Services Commission (FSC) or other regulators. The regulatory requirements to which the subsidiaries are subject, include minimum capital and liquidity requirements which may limit the Bank's ability to extract capital or funds for other uses. The Group's subsidiaries and associates are also subject to statutory requirements not to make distributions of capital and generally to maintain solvency. In most cases, the regulatory restrictions are more onerous than the statutory restrictions. Certain Group subsidiaries also raise finance using their financial assets as collateral. Encumbered assets are not available for transfer around the Group. The assets typically affected are disclosed in Note 24.

#### (i) The Bank

Capital adequacy and the use of regulatory capital are monitored daily by the Bank's management, employing techniques based on the guidelines developed by the Central Bank, and the relevant management committees. The required information is filed with the respective Authority at the stipulated intervals.

The Central Bank requires the Bank to:

- Hold a specified level of the regulatory capital, and
- Maintain a ratio of total regulatory capital to the risk-weighted assets.

The Bank's regulatory capital is divided into two tiers:

Tier 1 capital: ordinary share capital, non-redeemable non-cumulative preference shares, statutory reserve fund and retained earnings reserves. Goodwill, other intangibles and any net loss arising from the aggregate of: current year profit or loss, undistributed profits or accumulated losses for prior financial years any loss positions on revaluation reserves arising from fair value accounting, are deducted in arriving at Tier 1 capital; and

Tier 2 capital: non-redeemable cumulative preference shares, redeemable preference shares having an original term to maturity of five years or more, qualifying subordinated debt and general provisions for loss.

Equity investments in unconsolidated subsidiaries, substantial investment in any other unconsolidated entities or companies and share of accumulated losses of any unconsolidated entities are deducted from Tier 1 and Tier 2 capital to arrive at the regulatory capital. The risk-weighted assets are measured by means of a hierarchy of four risk weights classified according to the nature of and reflecting an estimate of credit, market and other risks associated with each asset and counterparty, taking into account any eligible collateral or guarantees. A similar treatment is adopted for off-statement of financial position exposure, with some adjustments to reflect the more contingent nature of the potential losses.

The Bank met all the regulatory capital requirements as at September 30, 2016.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (f) Capital management (continued)

#### (ii) NCB Insurance Company Limited

The company maintains a capital structure consisting mainly of shareholders' funds consistent with the company's profile and the regulatory and market requirements. The company is subject to a number of regulatory capital tests and also employs scenario testing on an annual basis to assess the adequacy of capital. The company has met all of these requirements during the year. Capital adequacy is managed at the operational level.

In reporting financial strength, capital and solvency is measured using the regulations prescribed by the FSC. These regulatory capital tests are based upon required levels of solvency capital and a series of prudent assumptions in respect of the type of business written by the company.

The relevant capital requirement is the Minimum Continuing Capital Surplus Ratio (MCCSR) determined in accordance with the FSC regulations. This ratio is calculated by the Appointed Actuary and reviewed by executive management, the Audit Committee and the Board of Directors. This measure is a risk-based formula that compares available capital and surplus to a minimum requirement set by the FSC in regard to the asset and liability profile of the company. The company met all FSC regulatory capital requirements as at September 30, 2016.

The company's capital position is sensitive to changes in market conditions, due to both changes in the value of assets and the effect that changes in investment conditions may have on the value of the liabilities. The most significant sensitivities arise from changes in interest rates and expenses. The company's capital position is also sensitive to assumptions and experience relating to mortality and persistency.

#### *Dynamic capital adequacy testing (DCAT)*

DCAT is a technique used to assess the adequacy of an insurer's financial position and financial condition in different future economic and policy experience scenarios. DCAT assesses the impact over the next 5 years on the insurer's financial position and financial condition under specific scenarios.

The financial position of an insurer is reflected by the amounts of assets, liabilities and equity in the statement of financial position at a given date.

The financial condition of an insurer at a particular date is its prospective ability at that date to meet its future obligations, especially obligations to policyholders, those to whom it owes benefits and to its shareholders.



# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 46. Financial Risk Management (Continued)

### (f) Capital management (continued)

#### (iii) Advantage General Insurance Company Limited

The company is regulated by the FSC and is subject to regulatory capital tests employed by the regulator. Under the FSC regulations, the primary measure used to assess capital adequacy is the Minimum Capital Test (MCT). This measure is a risk-based formula that compares available capital and surplus to a minimum requirement set by the FSC in regard to the asset and liability profile of the company. As at September 30, 2016, the company was in compliance with the requirement set by the FSC.

#### (iv) NCB Capital Markets Limited

The company is regulated by the Financial Services Commission (FSC) and is subject to regulatory capital tests employed by the regulator. Under the FSC regulations, the level of capital adequacy determines the maximum amount of liabilities including repurchase agreements the company is able to offer to clients. In addition to the requirements of the FSC, the company also engages in periodic internal testing which is reviewed by the Risk and Compliance Unit. Capital adequacy is managed at the operational level of the company.

The regulatory capital of the company is divided into two tiers:

- (i) Tier 1 capital: share capital, retained earnings and reserves created from appropriations of retained earnings.
- (ii) Tier 2 capital: qualifying subordinated debt or loan capital, qualifying capital reserves and unrealised gains derived from the fair valuation of equity instruments classified as available for sale.

The FSC requires that the company maintains a capital base comprising at least 50% of Tier 1 capital.

In addition, the FSC employs certain ratios to test capital adequacy and solvency. The results of these ratios are included in a mandatory quarterly report submitted to the FSC. Two of the critical early warning ratios relating to the test for capital adequacy are 'Capital over Total Assets' and the 'Capital Base over Risk Weighted Assets (RWA)'.

There was no change in relation to how the company manages its capital during the financial year.

The company met all the FSC regulatory capital requirements as at September 30, 2016.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

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## 47. Fair Values of Financial Instruments

The Group measures fair values using the following fair value hierarchy which reflects the significance of the inputs used in making the measurements:

- Level 1 – inputs that are quoted market prices (unadjusted) in active markets for identical instruments.
- Level 2 – inputs other than quoted market prices included within level 1 that are observable, either directly (i.e., as prices) or indirectly (i.e., derived from prices).
- Level 3 – inputs that are unobservable.

The objective of valuation techniques is to arrive at a fair value measurement that reflects the price that would be received to sell the asset or paid to transfer the liability in an orderly transaction between market participants at the measurement date.

The fair value of financial instruments traded in active markets is based on quoted market prices at the date of the statement of financial position. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, industry group, pricing service or regulatory agency, and those prices represent actual and regularly occurring market transactions on an arm's length basis. The quoted market price used for financial assets is the current bid price. These instruments are grouped in Level 1 and comprise most equity securities that are quoted on the Jamaica Stock Exchange.

The fair value of financial instruments not traded in an active market is determined by using valuation techniques. These valuation techniques maximise the use of observable market data where it is available and rely as little as possible on entity specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in Level 2. This category includes government bonds, certificates of deposit, commercial paper, most liquid corporate bonds and certain equity securities that are quoted on the Jamaica Stock Exchange. Indicative prices or yields of these instruments are obtained from regular, publicly available quotes by reputable pricing services, dealers and brokers, such as Bloomberg and Oppenheimer. The Group's derivatives are also included in Level 2. The embedded put option is valued using a discounted cash flow model representing the difference between the present values of future cash flows with and without exercise of the put option using observable market yields for government bonds of similar tenor. Foreign currency forward contracts are valued using a discounted cash flow model using spot exchange rates and the observable risk-free interest rates between the two currencies. Equity-linked options are valued using standard option pricing models using observable market data from Bloomberg.

If one or more of the significant inputs is not based on observable market data, the instrument is included in Level 3. This category includes certain unquoted equity securities.

The valuation of unquoted equity instruments is subjective by nature. The determination of the fair values of unquoted equity securities requires the use of a number of individual pricing benchmarks which would involve unobservable inputs, such as earnings estimates, multiples of comparative companies, marketability discounts and discount rates. The Group's holdings of unquoted equity instruments are not significant and, therefore, the effects of using reasonably possible alternative valuation assumptions would not be material.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 47. Fair Values of Financial Instruments (Continued)

The following tables provide an analysis of financial instruments held as at the date of the statement of financial position that, subsequent to initial recognition, are measured at fair value. The financial instruments are classified in the fair value hierarchy into which the fair value measurement is categorised:

	The Group			
	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000	Total \$'000
<b>At September 30, 2016</b>				
<b>Financial assets</b>				
<i>Investment securities classified as available-for-sale</i>				
Government of Jamaica debt securities	-	180,152,168	-	180,152,168
Government of Jamaica guaranteed corporate bonds	-	4,590,935	-	4,590,935
Other corporate bonds	-	16,585,771	-	16,585,771
Foreign government debt securities	-	7,543,768	-	7,543,768
Quoted equity securities	1,585,715	-	-	1,585,715
Unquoted equity securities	-	-	903,990	903,990
Unit trust investments	-	551,521	-	551,521
	1,585,715	209,424,163	903,990	211,913,868
<i>Investment securities at fair value through profit or loss</i>				
Government of Jamaica debt securities	-	1,555,655	-	1,555,655
Government of Jamaica guaranteed corporate bonds	-	147,334	-	147,334
Other corporate bonds	-	531,461	-	531,461
Foreign government debt securities	-	163,952	-	163,952
Quoted equity securities	694,563	-	-	694,563
Other securities	-	-	521	521
	694,563	2,398,402	521	3,093,486
Derivative financial instruments	-	276,429	-	276,429
	2,280,278	212,098,994	904,511	215,283,783
<b>Financial liabilities</b>				
Derivative financial instruments	-	72,820	-	72,820
Liabilities under annuity and insurance contracts	-	-	35,282,653	35,282,653
	-	72,820	35,282,653	35,355,473

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

### 47. Fair Values of Financial Instruments (Continued)

	The Group			
	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000	Total \$'000
<b>At September 30, 2015</b>				
<b>Financial assets</b>				
<i>Investment securities classified as available-for-sale</i>				
Government of Jamaica debt securities	-	203,585,941	-	203,585,941
Government of Jamaica guaranteed corporate bonds	-	2,770,895	-	2,770,895
Other corporate bonds	-	8,602,279	-	8,602,279
Foreign government debt securities	-	2,331,787	-	2,331,787
Quoted equity securities	203,156	-	-	203,156
Unquoted equity securities	-	-	61,188	61,188
Unit trust investments	-	285,619	-	285,619
	203,156	217,576,521	61,188	217,840,865
<i>Investment securities at fair value through profit or loss</i>				
Government of Jamaica debt securities	-	467,741	-	467,741
Government of Jamaica guaranteed corporate bonds	-	14,606	-	14,606
Other corporate bonds	-	146,546	-	146,546
Foreign government debt securities	-	81,039	-	81,039
Quoted equity securities	221,503	-	-	221,503
	221,503	709,932	-	931,435
Derivative financial instruments	-	486,783	-	486,783
	424,659	218,773,236	61,188	219,259,083
<b>Financial liabilities</b>				
Derivative financial instruments	-	52,794	-	52,794
Liabilities under annuity and insurance contracts	-	-	34,689,274	34,689,274
	-	52,794	34,689,274	34,742,068

The movement in the Group's financial assets classified as Level 3 during the year is as follows:

	The Group	
	2016 \$'000	2015 \$'000
At start of year	61,188	53,077
Acquisitions	843,323	8,111
At end of year	904,511	61,188

The movement in liabilities under annuity and insurance contracts is disclosed in Note 35.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

September 30, 2016

(expressed in Jamaican dollars unless otherwise indicated)

## 47. Fair Values of Financial Instruments (Continued)

	The Bank			Total \$'000
	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000	
<b>At September 30, 2016</b>				
<b>Financial assets</b>				
<i>Investment securities classified as available-for-sale</i>				
Government of Jamaica debt securities	-	82,449,600	-	82,449,600
Government of Jamaica guaranteed corporate bonds	-	2,992,954	-	2,992,954
Other corporate bonds	-	5,572,143	-	5,572,143
Foreign government debt securities	-	1,054,143	-	1,054,143
Quoted equity securities	129,081	-	-	129,081
Unquoted equity securities	-	-	18,255	18,255
	129,081	92,068,840	18,255	92,216,176
Derivative financial instruments	-	203,609	-	203,609
	129,081	92,272,449	18,255	92,419,785
<i>Investment securities at fair value through profit or loss</i>				
Government of Jamaica debt securities	-	1,082,094	-	1,082,094
	129,081	93,354,543	18,255	93,501,879
<b>September 30, 2015</b>				
<b>Financial assets</b>				
<i>Investment securities classified as available-for-sale</i>				
Government of Jamaica debt securities	-	89,271,681	-	89,271,681
Government of Jamaica guaranteed corporate bonds	-	1,347,444	-	1,347,444
Other corporate bonds	-	3,144,567	-	3,144,567
Quoted equity securities	85,436	-	-	85,436
Unquoted equity securities	-	-	18,255	18,255
	85,436	93,763,692	18,255	93,867,383
Derivative financial instruments	-	433,989	-	433,989
	85,436	94,197,681	18,255	94,301,372

There was no movement in the Bank's financial assets classified as Level 3 during the year.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

### 47. Fair Values of Financial Instruments (Continued)

The carrying value (excluding accrued interest) (Note 23) and fair value of investment securities classified as loans and receivables are as follows:

	The Group		The Bank	
	Carrying Value \$'000	Fair Value \$'000	Carrying Value \$'000	Fair Value \$'000
At September 30, 2016	56,924,707	57,615,341	34,857,657	34,897,051
At September 30, 2015	53,541,421	53,458,852	26,201,511	26,197,086

Similar to debt securities classified as available-for-sale, the above fair value measurements fall within Level 2 of the fair value hierarchy as indicative prices or yields of these instruments are obtained from regular, publicly available quotes by reputable pricing services, dealers and brokers, such as Bloomberg and Oppenheimer.

The fair values for all other financial instruments approximate their carrying values and also fall within Level 2 based on the following:

- The fair value of liquid assets and other assets maturing within one year (such as cash and balances at Central Banks and amounts due from other banks) is assumed to approximate their carrying amount. This assumption is applied to liquid assets and the short-term elements of all other financial assets and financial liabilities;
- The fair value of demand deposits and savings accounts with no specific maturity is assumed to be the amount payable on demand at the date of the statement of financial position;
- The fair value of variable rate loans is assumed to approximate their carrying amounts and management does not believe that, after deduction of provision for credit losses, there is any significant difference between the fair value of fixed rate loans and their carrying values as interest rates approximate current market rates offered on similar loans.

# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

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### 48. Regulatory Matters

At the end of the previous reporting date, one of the subsidiaries within the Group was in breach of a regulatory concentration limit arising from cash holdings with the Bank pending purchases of investment securities. The investments were purchased and the breach was rectified in October 2015.

### 49. Fiduciary Activities

The Group provides custody, trustee, corporate administration, investment management and advisory services to third parties which involve the Group making allocation and purchase and sale decisions in relation to a wide range of financial instruments. Those assets that are held in a fiduciary capacity are not included in these financial statements. At September 30, 2016, the Group had financial assets under administration of approximately \$70,177,407,000 (2015 – \$57,700,422,000).

### 50. Dividends

The following dividends were paid during the year:

- \$0.85 per ordinary stock unit was paid in December 2015
- \$0.50 per ordinary stock unit was paid in February 2016
- \$0.50 per ordinary stock unit was paid in May 2016
- \$0.50 per ordinary stock unit was paid in August 2016

On November 10, 2016, the Board declared a final interim dividend in respect of 2016 of \$0.90 per ordinary stock unit. The dividend is payable on December 9, 2016 for stockholders on record as at November 25, 2016. The financial statements for the year ended September 30, 2016 do not reflect this resolution, which will be accounted for in stockholders' equity as an appropriation of retained profits in the year ending September 30, 2017.

### 51. Litigation and Contingent Liabilities

The Bank and its subsidiaries are subject to various claims, disputes and legal proceedings, as part of the normal course of business. Provision is made for such matters when, in the opinion of management and its professional advisors, it is probable that a payment will be made by the Group, and the amount can be reasonably estimated.

In respect of claims asserted against the Group for which, according to the principles outlined above, no provision has been made, management is of the opinion that such claims are either without merit, can be successfully defended or will result in exposure to the Group which is immaterial to both its financial position and results of operations.

Significant matters are as follows:

- (a) Suit has been filed by the Bank's Staff Association against the Bank seeking various declarations regarding the Bank's profit sharing scheme, in particular as it relates to the financial year ended September 30, 2002. The Association has not quantified the claim. No provision has been made in the financial statements as the Bank's attorneys are of the opinion that the claim in respect of the amount of the profit sharing scheme for the financial year ended September 30, 2002 against the Bank is unlikely to succeed.
- (b) Suit has been filed by a customer against the Bank for breach of contract, breach of trust and negligence and damages. The claim for damages includes a sum equivalent to the profit of the business foregone as a result of an inability to access a loan approved by the Bank and the cost of interim financing. No provision was made in these financial statements for this claim as the Bank's attorneys were of the view that the suit against the Bank was unlikely to succeed. The Court subsequently ordered that the customer's claim be struck out. The customer has appealed that decision.

# National Commercial Bank Jamaica Limited

Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

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## 51. Litigation and Contingent Liabilities (Continued)

- (c) Suit has been filed by a customer against the Bank for damages suffered as a result of the Bank's alleged negligence in relation to the sale of property. The proper value of the property, which had been owned by the customer, is in issue, along with the amount properly to be applied to the customer's loan balance. Based on the advice of the Bank's attorneys, a provision has been made in the financial statements in respect of this claim.
- (d) Suit has been filed by a customer against the Bank for unlawful, wrongful and/or improper use of power in the appointment of a Receiver and manager of the customer's business property and assets. Damages, interest and costs have been claimed against the Bank. The Bank's attorneys are unable to determine the outcome of the suit and no provision has been made in the financial statements.
- (e) Suit was filed by a claimant seeking specific performance, damages for breach of contract, interest and costs. At the time of trial, the claim against the Bank was quantified by the claimant at approximately \$31.4 billion plus interest and costs. No provision was made in these financial statements for this claim as the Bank's attorneys were of the view that the suit against the Bank was unlikely to succeed. The Supreme Court issued judgment in the Bank's favour, with the Court ordering a company (placed by the Bank into receivership) to pay the claimant \$5 million plus interest. The claimant has appealed and the defendants (including the Bank) have cross-appealed that portion of the judgment in which the company in receivership was ordered to pay the claimant \$5 million plus interest.
- (f) A number of other suits claiming damages in excess of \$5 million each have been filed by customers of the Bank. In some instances counter claims have been filed by the Bank. Provision has been made in the financial statements for certain of these claims. No provision has been made where the Bank's attorneys are of the view that the Bank has a good defense against these claims.



# National Commercial Bank Jamaica Limited

## Notes to the Financial Statements

**September 30, 2016**

(expressed in Jamaican dollars unless otherwise indicated)

### 52. Non-Controlling Interests

The results and equity attributable to non-controlling interest arise from NCB Financial Group Limited, the company which beneficially holds the shares in Guardian Holdings Limited. The Bank does not own NCB Financial Group Limited; however, the company is controlled by the Bank by virtue of the composition of that company's Board, which gives the Bank the ability to direct the operational, financial and strategic activities of the company. Below is the summarised financial information for NCB Financial Group Limited before intercompany eliminations:

	<b>2016</b>	<b>2015</b>
	<b>\$'000</b>	<b>\$'000</b>
<b>Statement of Financial Position</b>		
Current assets	276,330	-
Non-current assets	28,215,387	-
Current liabilities	<u>29,445,166</u>	<u>-</u>
<b>Statement of Comprehensive Income</b>		
Loss for the period	(1,187,886)	-
Other comprehensive income	234,437	-
Total comprehensive income	<u>953,449</u>	<u>-</u>
<b>Statement of Cash Flows</b>		
Cash flows from operating activities	276,330	-
Cash flows from investing activities	(27,952,114)	-
Cash flows from financing activities	<u>27,952,114</u>	<u>-</u>
Net increase in cash and cash equivalents	<u>276,330</u>	<u>-</u>

### 53. Subsequent Event

The Bank of Jamaica has given approval for National Commercial Bank Jamaica Limited to proceed with a scheme of arrangement which will involve a reorganisation of the corporate structure, with NCB Financial Group Limited becoming the licensed financial holding company of the NCB Group. The Bank will be proceeding with the activity, which will require other approvals, including the approval of the Supreme Court and shareholders.