



GRACEKENNEDY LIMITED

**Financial Statements
31 December 2021**

GraceKennedy Limited

Index

31 December 2021

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Independent auditor's report

To the Members of GraceKennedy Limited

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

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 GraceKennedy Limited (the Company) and its subsidiaries (together 'the Group') and the stand-alone financial position of the Company as at 31 December 2021, 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 with the requirements of the Jamaican Companies Act.

What we have audited

The Group's consolidated and stand-alone financial statements comprise:

- the consolidated statement of financial position as at 31 December 2021;
- the consolidated income statement for the year then ended;
- the consolidated statement of comprehensive income for the year then ended;
- the consolidated statement of changes in equity for the year then ended;
- the consolidated statement of cash flows for the year then ended;
- the company statement of financial position as at 31 December 2021;
- the company income statement for the year then ended;
- the company statement of comprehensive income for the year then ended;
- the company statement of changes in equity for the year then ended;
- the company statement of cash flows for the year then ended; and
- the notes to the financial statements, which include significant accounting policies and other explanatory information.

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 consolidated and stand-alone 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 in accordance with the International Code of Ethics for Professional Accountants (including International Independence Standards) issued by the International Ethics Standards Board for Accountants (IESBA Code). We have fulfilled our other ethical responsibilities in accordance with the IESBA Code.

Our audit approach

Audit scope

As part of designing our audit, we determined materiality and assessed the risks of material misstatement in the consolidated and stand-alone 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, consideration of whether there was evidence of bias that represented a risk of material misstatement due to fraud.

How we tailored our group audit scope

We tailored the scope of our audit in order to perform sufficient work to enable us to provide an opinion on the consolidated financial statements as a whole, taking into account the structure of the Group, the accounting processes and controls, and the industries in which the Group operates.

In assessing the risk of material misstatement to the Group's consolidated financial statements, and to ensure we had adequate quantitative coverage of significant accounts in the consolidated financial statements, we designed and performed audit procedures over various components. The Group comprised 47 reporting components, of which we selected 25 components, which represent the principal business units within the Group and covered entities within Jamaica, Barbados, Bahamas, Trinidad and Tobago, Eastern Caribbean Countries, Canada, the United Kingdom, the United States of America and Guyana.

Of the 25 components selected, we performed an audit of the complete financial information of 12 components ("full scope components") which were selected based on their size, risk characteristics or both. For the remaining 13 components ("specific scope components"), we performed audit procedures on specific accounts and or specified procedures within that component that we considered had the potential for the greatest impact on the significant accounts in the consolidated financial statements, either due to the size of these accounts or their risk profile.

In relation to the remaining components, none of which are individually greater than 2% of the Group's profit before tax, we performed other procedures, including analytical review procedures and testing of consolidation journals, intercompany eliminations and foreign currency translation recalculations to respond to any potential risks of material misstatement to the Group's consolidated financial statements.

For components that are in scope of the Group audit, we used component auditors from PwC network firms and non-PwC firms who are familiar with the local laws and regulations to perform this audit work. Throughout the audit we had regular meetings and correspondence with management and component auditor teams to follow up on progress of work for all components. The Group engagement team reviewed workpapers relating to the audit approach and findings of the component auditors.

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 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.

Key audit matter

How our audit addressed the key audit matter

Accounting for business combinations – intangible assets (Group)

Refer to notes 2(b), 4(ix) and 39 to the consolidated and stand-alone financial statements for disclosures of related accounting policies and balances.

On 31 July 2021, the Group acquired 100% of the share capital of Scotia Insurance Eastern Caribbean Limited. Management assessed that the acquisition qualified as a business combination resulting in recognition of a bargain gain in the amount of \$593.5 million.

Valuations of identifiable net assets acquired were performed as part of the Purchase Price Allocation (PPA) which resulted in the Group recognising licences and exclusive agency agreement intangibles assets in the amount of \$190.6 million and \$894.4 million respectively.

We focused on this area due to the significance of the intangible assets identified and due to the nature of business combinations, the accounting requirements of which can be complex and require management to exercise judgement in determining certain estimates. The most significant is the determination of the PPA. Management engaged external experts to assist with the determination of the PPA which encompassed: Identifying and estimating the fair value of intangible assets acquired. The determination, of fair value involves significant areas of judgement, which is based on the inputs and assumptions in the model, such as business growth rates, attrition rate, future margins and discount rates.

Our approach to addressing the matter, with the assistance of our specialists, involved the following procedures, amongst others:

- Read the share purchase agreement and evaluated the appropriateness of the accounting for the acquisition as a business combination against management's accounting policies and the applicable accounting standards.
- Held discussions with management to understand and evaluate their basis for determining assumptions.
- Evaluated the application of the valuation methodologies utilised to derive the fair value of the identified intangible assets.
- Tested the reasonableness of valuation assumptions and inputs by:
 - Corroborating the key variables, being the business growth rates, attrition rate, future margins, commissions paid and discount rates, to historic and prospective financial, industry and economic information, taking into consideration our knowledge of the Group and its industries;
 - Where relevant, considered third party sources and challenged management's future revenue estimates considering changes in the market or actions by competitors.
- Assessed the competence and capability of management's valuation expert.
- Performed scenario analysis testing by varying the growth rate, attrition rate and commission paid and the associated impact on the discounted cash flows as it pertained to the exclusive agency agreement.
- Recalculated the bargain gain being the difference between the total net consideration paid and the fair value of the net assets acquired for mathematical accuracy.

Based on the audit procedures performed, management's accounting, judgements and estimates relating valuation of intangible assets were not unreasonable.



Key audit matter

How our audit addressed the key audit matter

Valuation of incurred but not reported (IBNR) claims for property & casualty contracts (Group)

Refer to notes 2(r), 4(iv) and 17 to the consolidated and stand-alone financial statements for disclosures of related accounting policies and balances.

As at 31 December 2021, total insurance reserves amounted to \$10.8 billion which includes IBNR reserves of \$1.1 billion or 0.9% of total liabilities.

The methodologies and assumptions utilized to develop IBNR reserves involve a significant degree of judgement.

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. Management uses qualified external actuaries to assist in determining the valuation of IBNR claims.

We focused on this area because there are a number of explicit and implicit assumptions relating to the expected settlement amount and settlement patterns of claims underlying these methods and the values determined are subject to complex calculations.

Our approach to addressing the matter, with the assistance of our actuarial expert, involved the following procedures, amongst others:

- Tested the completeness, accuracy and reliability of the underlying data utilized by management, and their external actuarial experts to support the actuarial valuation.
- Performed a methods and assumptions analysis of the actuarial valuation prepared by the Group's actuary.
- Evaluated 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.

The results of our procedures indicated that significant estimates and assumptions used by management were not unreasonable, and that the methodologies used were actuarially established, accepted and appropriate in the circumstance and consistent with prior years.

Key audit matter

IFRS 9 'Financial Instruments' – Probabilities of Default, Forward Looking Information and Significant Increase in Credit Risk (Group)

See notes 2(h), 3c(i), 4(viii), 6 and 9 to the consolidated financial statements for disclosures of related accounting policies, judgements, estimates and balances.

As at 31 December 2021, the Group's loans and advances totalled \$33.3 billion. The Group's investment securities measured at amortised cost and fair value through other comprehensive income (FVOCI) totalled \$47.9 billion. In aggregate, the above exposures represent 41% of total assets at the reporting date. The resultant impairment recorded under the expected credit loss (ECL) impairment model amounted to \$1.6 billion for loans and advances and \$336.4 million for debt securities.

In assessing impairment, IFRS 9 prescribes a forward looking ECL impairment model which takes into account reasonable and supportable forward looking information as well as probabilities of default (PD).

PDs represent the likelihood of a borrower defaulting on its obligation over the next twelve months or over the remaining lifetime of the obligation. The twelve month and lifetime PDs are determined differently for loans and investments.

For loans and advances, management developed PDs based on the Group's specific historical default rates for each industry classification. In performing historical analyses, management identified economic variables impacting credit risk and ECLs for each portfolio.

For investment securities, which include debt securities comprising sovereign and corporate securities, PDs are developed by reference to external data collated by Standard & Poor's (S&P) with adjustments for industry and country specific risks, where appropriate.

The ongoing economic impact of COVID-19 resulted in a significant increase in credit risk (SICR) for a number of borrowers who migrated from Stage 1 to Stage 2 based on an assessment of the industry in which the borrower operates and other relevant factors. In the event of a SICR, an allowance (or provision) is required for ECL resulting from all possible default events over the expected life of the financial instrument (lifetime ECL).

How our audit addressed the key audit matter

Our approach to addressing the matter, with the assistance of our valuation specialist, involved the following procedures, amongst others:

- Updated our understanding of management's ECL model including any changes to source data and assumptions.
- Tested the completeness of all loans and advances and debt securities to determine whether all items were included in the ECL models by agreeing the models to detailed loans and securities listings.
- Evaluated the reasonableness of management's judgements pertaining to PD, SICR and forward looking information, including macroeconomic factors, impacting the weighting of the scenarios due to the negative impact of COVID-19 as follows:

Loans and advances

PD:

- Tested the critical data fields used in the ECL model for the PD determination, such as default date, effective interest rate, write-off data, and loan type by tracing data back to source documents.
- Reperformed the calculation of days past due, a key data input into the PD parameter, in the Group's banking system on a sample basis.

SICR:

- Evaluated staging of loans and advances by identifying the industries severely impacted by the pandemic. This included industries affected by restrictions imposed by governments in countries where the Group operates.
- Evaluated whether the loans of borrowers from these industries migrated to Stage 2 where appropriate.

Key audit matter

The estimation and application of forward looking information requires significant judgement. Stage 1 and Stage 2 credit loss allowances are modelled based on the macroeconomic variables (or changes in macroeconomic variables) which most closely correlate with credit losses in the relevant portfolio. Each macroeconomic scenario used in the ECL calculation incorporates forecasts of the relevant macroeconomic variables.

The estimation of ECL in Stage 1 and Stage 2 is a discounted, probability-weighted estimate that considers a minimum of three future macroeconomic scenarios. The base case scenario is based on macroeconomic forecasts which are publicly available. Upside and downside scenarios are set relative to the base case scenario based on reasonably possible alternative macroeconomic conditions. Additional adjustments to the base, best case and worst case scenario weightings were required as a result of the COVID-19 pandemic.

We focused on this area due to the impact of COVID-19 on credit risk, the complexity of the techniques used to determine PDs and identify SICR, and the number of significant judgements made by management regarding possible future economic scenarios as it pertains to debt securities and loans and advances.

How our audit addressed the key audit matter

Debt Securities

PD:

- Tested the critical data fields used in the ECL model, such as the maturity date, amortised cost, accrued interest, credit rating and interest rate by tracing data back to relevant source documents.
- Agreed the credit ratings and historic default rates used to calculate the PDs on a sample basis, to external sources such as external rating agencies.

SICR:

- Tested, on a sample basis, the accuracy of the initial credit risk and the credit risk at the reporting date using rating agency definitions of 'investment grade' and evaluated the appropriateness of the group classification of debt securities as Stage 2.
- Performed an independent qualitative assessment for a sample of borrowers to determine if there was any adverse public information affecting the criteria used to perform the staging.
- Inspected the financial statements of a sample of borrowers to determine if there was any significant downturn in financial performance before and during the pandemic. This aided in assessing the staging for borrowers, particularly for those who requested forbearance as a result of COVID-19.

Forward Looking Information (Loans and advances and Debt securities):

- Assessed the reasonableness of the Group's methodology for determining economic scenarios including the appropriateness of the Gross Domestic Product and unemployment rate economic factors utilised by management.
- Evaluated the reasonableness of the increase in the weighting used for the worst case scenario by agreeing the forward looking economic information to external sources published or pronounced by reputable third parties.
- Sensitized the probability weightings used in the ECL calculation.

The results of our procedures indicated that the assumptions used by management for determining the probabilities of default, significant increase in credit risk and forward looking information were not unreasonable.

Key audit matter

Goodwill impairment for the United States of America (USA) operations (Group)

Refer to notes 2(g), 4(i) and 11 to the consolidated and stand-alone financial statements for disclosures of related accounting policies, judgements, estimates and balances.

The total carrying value of goodwill as at 31 December 2021 is \$1.9 billion of which \$1.15 billion relates to the USA operations.

In accordance with IAS 36, 'Impairment of Assets', management performed an annual goodwill impairment assessment to determine whether the carrying value exceeded the recoverable amount of the cash generating unit (CGU) to which the goodwill is allocated and is therefore impaired at the reporting date. Goodwill relating to the recoverable amount of a CGU is calculated as the higher of the value-in-use and fair value less costs of disposal.

Management determined the recoverable amount by reference to value-in-use which is based on discounted cash flow projections over which management makes significant judgements on key inputs. As a result of the assessment, management determined there was no impairment as at 31 December 2021.

We focused on this area as the goodwill impairment assessment requires significant management judgement and estimation, is sensitive to changes in key assumptions and due to the challenges involved in determining the impact of COVID-19 on those key assumptions.

The key assumptions were assessed by management as being:

- Revenue growth rate;
- Discount rate;
- Earnings Before Interest, Taxes, Depreciation, and Amortisation (EBITDA) to revenue; and
- Capital expenditure to revenue.

How our audit addressed the key audit matter

Our approach to addressing the matter, with the assistance of our valuation expert, involved the following procedures, amongst others:

- Updated our understanding of management's approach to performing their annual impairment assessment. This included the process by which management's key assumptions and methodologies were developed and assessing their appropriateness.
- Compared previous forecasts to actual results in order to assess the performance of the business and the extent to which reliance could be placed on management's ability to forecast.
- Tested the key assumptions, including the impact of COVID-19 on those key assumptions as follows:
 - Evaluated the revenue growth rate and the discount rate against valuations of similar companies.
 - Evaluated the EBITDA and capital expenditure to revenue assumptions against internal and relevant externally derived data, where available.
 - Tested the calculations for mathematical accuracy and assessed the sensitivity of the calculations by varying the key assumptions and adjustments within management's cash flow forecast.

The results of our procedures indicated management's determination that goodwill was not impaired at the reporting date was not unreasonable.

Key audit matter

Valuation of the defined benefit pension scheme and other post-employment obligations (Group and Company)

Refer to notes 2(m), 4(iii) and 14 to the consolidated and stand-alone financial statements for disclosures of related accounting policies, judgements, estimates and balances.

The Group has a defined benefit pension scheme and other post-employment obligations, which are significant in the context of the overall statements of financial position of the Group and Company.

Pension scheme obligations totalled \$35.1 billion for the Group and Company at 31 December 2021. The pension scheme obligations are included as part of net pension asset of \$7.1 billion on the respective statements of financial position. Other post-employment obligations amounted to \$6.8 billion and \$3.2 billion for the Group and Company respectively.

We focused on this area as the valuation of the defined benefit pension liabilities and other post-employment obligations requires significant levels of judgement and technical expertise in determining appropriate assumptions as well as the impact of COVID-19 on the key assumptions. A number of the key assumptions can have a material impact on the calculation of the liabilities and obligations including:

- salary increases;
- inflation rates;
- pension increases;
- discount rates; and
- mortality rates.

Management uses external actuaries to assist in determining these assumptions and in valuing the defined benefit pension scheme and other post-employment obligations.

How our audit addressed the key audit matter

Our approach to assessing the matter, with the assistance of our expert, involved the following procedures, amongst others:

- Evaluated management's assumptions made in relation to the valuations of the defined benefit pension scheme and other post-employment obligations and the assumptions relating to salary increases, pension increases and mortality rates by comparing them to national and industry statistics and averages.
- Agreed the discount and inflation rates used in the valuation of the pension scheme and other post-employment obligations to those issued by the Institute of Chartered Accountants of Jamaica and targets set by the Bank of Jamaica.
- Performed inquiries with management and management's external actuary and evaluated the key economic assumptions used, including the impact of COVID-19, in the calculation of the liability.
- Tested the completeness and accuracy of data extracted and supplied to the Group's actuary, which is used for the actuarial calculations.

Based on the audit evidence obtained, we determined that the available audit evidence supported the data and assumptions used by management in the actuarial valuations.



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), which 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 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 consolidated and stand-alone 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 with the requirements of the Jamaican Companies Act, 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 and Company'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 the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group and Company'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 and Company'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 or Company'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 Company 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 to express an opinion on the consolidated 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, actions taken to eliminate threats or safeguards applied.

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 Paul Williams.

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

Chartered Accountants
1 March 2022
Kingston, Jamaica

GraceKennedy Limited

Consolidated Statement of Financial Position

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2021 \$'000	2020 \$'000
Assets			
Cash and deposits	5	30,036,681	24,331,106
Investment securities	6	40,479,250	33,513,948
Pledged assets	6	9,361,518	7,610,387
Receivables	7	20,183,748	16,871,439
Inventories	8	19,228,919	14,433,135
Loans receivable	9	33,322,490	31,250,331
Taxation recoverable		1,063,158	767,669
Investments in associates and joint ventures	10	4,524,211	4,118,824
Investment properties	38	765,900	925,734
Intangible assets	11	6,176,933	4,411,466
Fixed assets	12	26,223,419	25,560,044
Deferred tax assets	13	1,332,769	1,060,528
Pension plan asset	14	7,097,995	6,841,372
Total Assets		199,796,991	171,695,983
Liabilities			
Deposits		48,143,926	41,611,220
Securities sold under agreements to repurchase		7,249,565	4,968,483
Bank and other loans	15	27,988,518	25,233,708
Payables	17	36,019,373	28,211,841
Taxation		789,425	1,077,285
Provisions	18	48,303	42,602
Deferred tax liabilities	13	1,783,144	1,822,238
Other post-employment obligations	14	6,768,762	5,949,279
Total Liabilities		128,791,016	108,916,656
Equity			
Capital and reserves attributable to the company's owners			
Share capital	19	284,387	305,493
Capital and fair value reserves	20	7,409,599	7,789,066
Retained earnings		50,318,566	44,096,867
Banking reserves	21	3,920,711	3,620,711
Other reserves	22	5,672,330	4,098,122
		67,605,593	59,910,259
Non-Controlling interests	23	3,400,382	2,869,068
Total Equity		71,005,975	62,779,327
Total Equity and Liabilities		199,796,991	171,695,983

Approved for issue by the Board of Directors on 1 March 2022 and signed on its behalf by:

Gordon Shirley

Chairman

Donald Wehby

Group Chief Executive Officer

GraceKennedy Limited

Consolidated Income Statement

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2021 \$'000	2020 \$'000
Revenue from products and services		124,691,238	111,064,222
Interest revenue		4,618,633	4,373,119
Revenues	25	129,309,871	115,437,341
Direct and operating expenses		(121,572,171)	(108,109,929)
Net impairment losses on financial assets		(441,642)	(523,486)
Expenses	26	(122,013,813)	(108,633,415)
Profit before Other income		7,296,058	6,803,926
Other income	27	4,605,528	3,024,608
Profit from Operations		11,901,586	9,828,534
Interest income – non-financial services		586,292	467,866
Interest expense – non-financial services		(1,226,672)	(1,130,957)
Share of results of associates and joint ventures	10	414,911	543,532
Profit before Taxation		11,676,117	9,708,975
Taxation	29	(2,735,808)	(2,852,049)
NET PROFIT		8,940,309	6,856,926
Attributable to:			
Owners of GraceKennedy Limited	30	8,191,519	6,218,055
Non-Controlling interests	23	748,790	638,871
		8,940,309	6,856,926
		\$	\$
Earnings per Stock Unit for profit attributable to the owners of the company during the year:	32		
Basic		8.27	6.28
Diluted		8.21	6.26

GraceKennedy Limited

Consolidated Statement of Comprehensive Income

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2021 \$'000	2020 \$'000
Profit for the year		8,940,309	6,856,926
Other comprehensive income:			
<i>Items that will not be reclassified to profit or loss:</i>			
Gains on revaluation of land and buildings		34,531	656,138
Changes in fair value of equity instruments at fair value through other comprehensive income		(64,871)	(260,167)
Remeasurements of post-employment benefit obligations		260,785	1,247,533
Share of other comprehensive income of associates and joint ventures		(12,739)	80,936
		217,706	1,724,440
<i>Items that may be subsequently reclassified to profit or loss:</i>			
Foreign currency translation adjustments		1,394,327	1,041,404
Changes in fair value of debt instruments at fair value through other comprehensive income		(326,249)	201,801
Share of other comprehensive income of associates and joint ventures		153,254	114,911
		1,221,332	1,358,116
Other comprehensive income for the year, net of tax		1,439,038	3,082,556
Total comprehensive income for the year		10,379,347	9,939,482
Attributable to:			
Owners of GraceKennedy Limited		9,567,406	9,236,355
Non-Controlling interests	23	811,941	703,127
		10,379,347	9,939,482

GraceKennedy Limited

Consolidated Statement of Changes in Equity

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	Attributable to Owners of the Parent					Non-Controlling Interest	Total Equity
		Number of Stock Units '000	Share Capital \$'000	Capital and Fair Value Reserves \$'000	Retained Earnings \$'000	Banking Reserves \$'000	Other Reserves \$'000	
Balance at 1 January 2020		992,106	457,170	7,234,527	38,501,844	3,220,711	2,912,158	54,711,687
Profit for the year		-	-	-	6,218,055	-	-	6,856,926
Other comprehensive income for the year		-	-	657,256	1,247,385	-	1,113,659	3,082,556
Total comprehensive income for 2020		-	-	657,256	7,465,440	-	1,113,659	9,939,482
Transactions with owners:								
Issue of shares	19 (a)	8	340	-	-	-	-	340
Sale of treasury shares	19 (b)	92	5,333	-	-	-	-	5,333
Purchase of treasury shares	19 (b)	(3,545)	(216,811)	-	-	-	-	(216,811)
Share-based payments:								
Value of services received	19 (e)	-	-	-	-	-	171,781	173,327
Exercised		-	-	-	-	-	(27,711)	(27,799)
Transfer of treasury shares to employees	19 (b)	1,000	59,461	12,470	-	-	(71,765)	-
Increase in non-controlling interests on acquisition of subsidiary	23	-	-	-	-	-	-	170,092
Dividends paid by subsidiaries to non-controlling interests	23	-	-	-	-	-	-	(390,720)
Dividends paid	31	-	-	-	(1,585,604)	-	-	(1,585,604)
Total transactions with owners		(2,445)	(151,677)	12,470	(1,585,604)	-	72,305	(1,871,842)
Transfers between reserves:								
From capital reserves		-	-	(115,187)	115,187	-	-	-
To banking reserves		-	-	-	(400,000)	400,000	-	-
Balance at 31 December 2020		989,661	305,493	7,789,066	44,096,867	3,620,711	4,098,122	62,779,327
Profit for the year		-	-	-	8,191,519	-	-	8,940,309
Other comprehensive income for the year		-	-	(360,674)	259,354	-	1,477,207	1,439,038
Total comprehensive income for 2021		-	-	(360,674)	8,450,873	-	1,477,207	10,379,347
Transactions with owners:								
Issue of shares	19 (a)	15	737	-	-	-	-	737
Purchase of treasury shares	19 (b)	(1,000)	(101,738)	-	-	-	-	(101,738)
Share-based payments:								
Value of services received	19 (e)	-	-	-	-	-	231,560	233,232
Exercised		-	-	-	-	-	(29,145)	(29,289)
Transfer of shares to employees	19 (a)	42	2,229	-	-	-	(2,229)	-
Transfer of treasury shares to employees	19 (b)	1,291	77,666	25,795	-	-	(103,185)	-
Increase in non-controlling interests	23	-	-	-	-	-	-	83,216
Transfer of non-controlling interests	23	-	-	(61,880)	-	-	-	-
Dividends paid by subsidiaries to non-controlling interests	23	-	-	-	-	-	-	(426,975)
Dividends paid	31	-	-	-	(1,911,882)	-	-	(1,911,882)
Total transactions with owners		348	(21,106)	(36,085)	(1,911,882)	-	97,001	(2,152,699)
Transfers between reserves:								
To capital reserves		-	-	17,292	(17,292)	-	-	-
To banking reserves		-	-	-	(300,000)	300,000	-	-
Balance at 31 December 2021		990,009	284,387	7,409,599	50,318,566	3,920,711	5,672,330	71,005,975

GraceKennedy Limited

Consolidated Statement of Cash Flows

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2021 \$'000	2020 \$'000
SOURCES/(USES) OF CASH:			
Operating Activities	33	17,067,182	13,884,563
Financing Activities			
Loans received		18,547,509	10,791,178
Loans repaid		(18,577,169)	(11,676,657)
Proceeds from issue of shares to non-controlling interests	23	83,216	-
Dividends paid by subsidiary to non-controlling interests	23	(426,975)	(390,720)
Purchase of treasury shares	19	(101,738)	(216,811)
Sale of treasury shares	19	-	5,333
Issue of shares	19	737	340
Exercise of share based payments	19	(29,289)	(27,799)
Interest paid – non financial services		(1,201,353)	(1,140,270)
Dividends	31	(1,911,882)	(1,585,604)
		(3,616,944)	(4,241,010)
Investing Activities			
Additions to fixed assets ^(a)	12	(1,721,591)	(1,573,741)
Proceeds from disposal of fixed assets		40,592	82,235
Proceeds from disposal of assets held for sale		-	292,977
Additions to investments		(16,083,699)	(9,527,145)
Cash (outflow)/inflow on acquisition of subsidiary	39	(267,088)	176,840
Cash outflow on purchase of interest in associates and joint ventures		(95,000)	(107,500)
Proceeds from sale of investments		9,062,372	9,887,406
Additions to intangibles	11	(1,145,004)	(376,306)
Interest received – non financial services		565,900	432,256
		(9,643,518)	(712,978)
Increase in cash and cash equivalents		3,806,720	8,930,575
Cash and cash equivalents at beginning of year		23,319,788	13,858,915
Exchange and translation gains on net foreign cash balances		784,673	530,298
CASH AND CASH EQUIVALENTS AT END OF YEAR	5	27,911,181	23,319,788

The principal non-cash transactions include:

^(a) Acquisition of right-of-use asset of \$923,680,000 (2020: \$971,148,000), (Note 12).

GraceKennedy Limited

Company Statement of Financial Position

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2021 \$'000	2020 \$'000
Assets			
Cash and deposits	5	3,200,012	5,403,813
Investment securities	6	8,165,151	6,878,116
Receivables	7	1,847,721	1,551,680
Inventories	8	5,222,211	2,630,884
Loans receivable	9	2,947,137	2,469,965
Subsidiaries	35	1,716,883	1,424,243
Taxation recoverable		141,881	-
Investments in associates	10	574,698	574,698
Investments in subsidiaries		19,117,773	18,017,773
Intangible assets	11	357,290	290,731
Fixed assets	12	3,087,679	3,290,308
Pension plan asset	14	7,097,995	6,841,372
Total Assets		53,476,431	49,373,583
Liabilities			
Bank and other loans	15	11,077,468	8,675,862
Payables	17	4,073,741	3,097,157
Subsidiaries	35	3,587,877	4,337,422
Taxation		-	103,721
Deferred tax liabilities	13	905,826	813,688
Other post-employment obligations	14	3,173,684	2,886,721
Total Liabilities		22,818,596	19,914,571
Equity			
Share capital	19	284,387	305,493
Capital and fair value reserves	20	332,078	262,355
Retained earnings		29,830,405	28,742,340
Other reserves	22	210,965	148,824
Total Equity		30,657,835	29,459,012
Total Equity and Liabilities		53,476,431	49,373,583

Approved for issue by the Board of Directors on 1 March 2022 and signed on its behalf by:

Gordon Shirley

Chairman

Donald Wehby

Group Chief Executive Officer

GraceKennedy Limited

Company Income Statement

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

		2021	2020
	Note	\$'000	\$'000
Revenue	25	25,282,019	23,005,986
Cost of goods sold		(19,074,724)	(17,297,284)
Gross Profit		6,207,295	5,708,702
Other income	27	6,404,241	6,118,282
Administration expenses		(9,855,266)	(8,985,882)
Net impairment losses on financial assets		(11,128)	(79,902)
Profit from Operations		2,745,142	2,761,200
Interest income		693,562	620,135
Interest expense		(548,453)	(489,614)
Profit before Taxation		2,890,251	2,891,721
Taxation	29	(217,612)	(207,433)
NET PROFIT	30	2,672,639	2,684,288

GraceKennedy Limited

Company Statement of Comprehensive Income

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	2021	2020
	\$'000	\$'000
Profit for the year	2,672,639	2,684,288
Other comprehensive income:		
<i>Items that will not be reclassified to profit or loss:</i>		
Gains on revaluation of land and buildings	-	11,918
Changes in fair value of equity instruments at fair value through other comprehensive income	43,928	(3,467)
Remeasurements of post-employment benefit obligations	327,308	1,001,874
Other comprehensive income for the year, net of tax	371,236	1,010,325
Total comprehensive income for the year	3,043,875	3,694,613

Items in the statement above are disclosed net of tax. The income tax relating to each component of other comprehensive income is disclosed in Note 29.

GraceKennedy Limited

Company Statement of Changes in Equity

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	Number of Stock Units '000	Share Capital \$'000	Capital and Fair Value Reserves \$'000	Retained Earnings \$'000	Other Reserves \$'000	Total \$'000
Balance at 1 January 2020		992,106	457,170	241,434	26,641,782	98,469	27,438,855
Profit for the year		-	-	-	2,684,288	-	2,684,288
Other comprehensive income for the year		-	-	8,451	1,001,874	-	1,010,325
Total comprehensive income for 2020		-	-	8,451	3,686,162	-	3,694,613
Transactions with owners:							
Issue of shares	19 (a)	8	340	-	-	-	340
Sale of treasury shares	19 (b)	92	5,333	-	-	-	5,333
Purchase of treasury shares	19 (b)	(3,545)	(216,811)	-	-	-	(216,811)
Share-based payments:							
Value of services received	22	-	-	-	-	121,988	121,988
Exercised		-	-	-	-	(13,485)	(13,485)
Transfer of treasury shares to employees	19 (b)	1,000	59,461	12,470	-	(58,148)	13,783
Dividends paid	31	-	-	-	(1,585,604)	-	(1,585,604)
Total transactions with owners		(2,445)	(151,677)	12,470	(1,585,604)	50,355	(1,674,456)
Balance at 31 December 2020		989,661	305,493	262,355	28,742,340	148,824	29,459,012
Profit for the year		-	-	-	2,672,639	-	2,672,639
Other comprehensive income for the year		-	-	43,928	327,308	-	371,236
Total comprehensive income for 2021		-	-	43,928	2,999,947	-	3,043,875
Transactions with owners:							
Issue of shares	19 (a)	15	737	-	-	-	737
Purchase of treasury shares	19 (b)	(1,000)	(101,738)	-	-	-	(101,738)
Share-based payments:							
Value of services received	22	-	-	-	-	160,174	160,174
Exercised		-	-	-	-	(19,549)	(19,549)
Transfer of shares to employees	19 (a)	42	2,229	-	-	(2,229)	-
Transfer of treasury shares to employees	19 (b)	1,291	77,666	25,795	-	(76,255)	27,206
Dividends paid	31	-	-	-	(1,911,882)	-	(1,911,882)
Total transactions with owners		348	(21,106)	25,795	(1,911,882)	62,141	(1,845,052)
Balance at 31 December 2021		990,009	284,387	332,078	29,830,405	210,965	30,657,835

GraceKennedy Limited

Company Statement of Cash Flows

Year ended 31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2021 \$'000	2020 \$'000
SOURCES/(USES) OF CASH:			
Operating Activities	33	(12,193)	5,352,421
Financing Activities			
Loans received		11,510,344	5,320,777
Loans repaid		(10,318,191)	(5,462,741)
Purchase of treasury shares	19	(101,738)	(216,811)
Sale of treasury shares	19	-	5,333
Issue of shares	19	737	340
Exercise of share based payments	19	(19,549)	(13,485)
Interest paid		(522,271)	(502,824)
Dividends	31	(1,911,882)	(1,585,604)
		(1,362,550)	(2,455,015)
Investing Activities			
Additions to fixed assets ^(a)	12	(209,723)	(157,829)
Proceeds from disposal of fixed assets		7,594	8,446
Additions to investments		(2,307,097)	(1,069,378)
Loans receivable, net		(477,172)	(373,761)
Proceeds from sale of investments		1,487,907	1,268,358
Investment in subsidiary		(1,100,000)	-
Additions to intangibles	11	(164,511)	(99,271)
Interest received		673,171	584,526
		(2,089,831)	161,091
(Decrease)/increase in cash and cash equivalents		(3,464,574)	3,058,497
Cash and cash equivalents at beginning of year		5,095,208	2,005,293
Exchange and translation gains on net foreign cash balances		23,697	31,418
CASH AND CASH EQUIVALENTS AT END OF YEAR	5	1,654,331	5,095,208

The principal non-cash transactions include:

^(a) Acquisition of right-of-use assets of \$1,457,000 (2020: \$116,640,000), (Note 12).

GraceKennedy Limited

Notes to the Financial Statements

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

1. Identification

GraceKennedy Limited (the company) is a company limited by shares, incorporated and domiciled in Jamaica. The registered office of the company is located at 73 Harbour Street, Kingston, Jamaica.

The company is a publicly listed company having its primary listing on the Jamaica Stock Exchange, with further listing on the Trinidad and Tobago Stock Exchange.

The Group is organised into two divisions namely, GK Foods and GK Financial Group. The GK Foods division comprises all the food related companies while the GK Financial Group division comprises all the financial services companies in the Group. For the purpose of segment reporting the Group reports its results under the four segments described below.

The principal activities of the company, its subsidiaries, associates and joint ventures (the Group) are as follows:

Food Trading -

Merchandising of general goods and food products, both locally and internationally; processing and distribution of food products; and the operation of a chain of supermarkets.

Banking and Investments -

Commercial banking; stock brokerage; corporate finance; advisory services; and lease financing.

Insurance -

General insurance, health insurance, creditor life insurance and insurance brokerage.

Money Services -

Operation of money transfer services, cambio operations and bill payment services.

2. Significant Accounting Policies

The principal accounting policies applied in the preparation of these financial statements are set out below. These policies have been consistently applied for all the years presented, unless otherwise stated.

(a) Basis of preparation

These consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS), and have been prepared under the historical cost convention as modified by the revaluation of certain fixed and financial assets, investment properties and financial liabilities.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the Group's accounting policies. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements are disclosed in Note 4.

Standards, interpretations and amendments to published standards effective in the current year

Certain new standards, amendments and interpretations to existing standards have been published that became effective during the current financial year. The Group has assessed the relevance of all such new standards, amendments and interpretations and has put into effect the following, which are immediately relevant to its operations.

- Amendments to IFRS 7, IFRS 4 and IFRS 16 Interest rate benchmark reform – Phase 2. The Phase 2 amendments address issues that arise from the implementation of the reforms, including the replacement of one benchmark with an alternative one. The Phase 2 amendments provide additional temporary reliefs from applying specific IAS 39 and IFRS 9 hedge accounting requirements to hedging relationships directly affected by IBOR reform.

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 a number of new standards and amendments to standards are effective for annual periods beginning after 1 January 2021 and have not been applied in preparing these consolidated financial statements. None of these is expected to have a significant effect on the consolidated financial statements of the Group, except the following set out below:

- Amendment to IFRS 16, 'Leases' – COVID-19 related rent concessions Extension of the practical expedient (effective for annual periods beginning on or after 1 April 2021). As a result of the coronavirus (COVID-19) pandemic, rent concessions have been granted to lessees. In May 2020, the IASB published an amendment to IFRS 16 that provided an optional practical expedient for lessees from assessing whether a rent concession related to COVID-19 is a lease modification. On 31 March 2021, the IASB published an additional amendment to extend the date of the practical expedient from 30 June 2021 to 30 June 2022. Lessees can select to account for such rent concessions in the same way as they would if they were not lease modifications. In many cases, this will result in accounting for the concession as variable lease payments in the period(s) in which the event or condition that triggers the reduced payment occurs. The Group is currently assessing the impact of this amendment.

GraceKennedy Limited

Notes to the Financial Statements

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

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 16, 'Property, plant and equipment' (effective for annual periods beginning on or after 1 January 2022). This amendment prohibits an entity from deducting from the cost of an item of PP&E any proceeds received from selling items produced while the entity is preparing the asset for its intended use. Instead, the entity will recognise such sales proceeds and related cost in profit or loss. It also clarifies that an entity is 'testing whether the asset is functioning properly' when it assesses the technical and physical performance of the asset. The financial performance of the asset is not relevant to this assessment. Entities must disclose separately the amounts of proceeds and costs relating to items produced that are not an output of the entity's ordinary activities. The Group is currently assessing the impact of this amendment.
- Amendments to IFRS 3, 'Business combinations' (effective for annual periods beginning on or after 1 January 2022). Minor amendments were made to update the references to the Conceptual Framework for Financial Reporting and add an exception for the recognition of liabilities and contingent liabilities within the scope of IAS 37 Provisions, Contingent Liabilities and Contingent Assets and Interpretation 21 Levies. The amendments also confirm that contingent assets should not be recognised at the acquisition date. The Group will apply these amendments to future transactions.
- Amendments to IAS 37, 'Provisions, contingent liabilities and contingent assets' (effective for annual periods beginning on or after 1 January 2022). This amendment specifies which costs a company includes when assessing whether a contract will be loss making. It clarifies that the direct costs of fulfilling a contract include both the incremental costs of fulfilling the contract and an allocation of other costs directly related to fulfilling contracts. Before recognising a separate provision for an onerous contract, the entity recognises any impairment loss that has occurred on assets used in fulfilling the contract. The Group is currently assessing the impact of these amendments.
- Annual improvements to IFRSs 2018 – 2020 cycles (effective for annual periods beginning on or after 1 January 2022). These amendments include minor changes to the following standards:
 - IFRS 9, 'Financial instruments'
 - IFRS 16, 'Leases'
 - IFRS 1, 'First-time adoption of International Financial Reporting Standards'
 - IAS 41, 'Agriculture'
- Amendments to IAS 1, Practice statement 2 and IAS 8 (effective for annual periods beginning on or after 1 January 2023). The amendments aim to improve accounting policy disclosures and to help users of the financial statements to distinguish between changes in accounting estimates and changes in accounting policies. The Group is currently assessing the impact of these amendments.
- Amendment to IAS 12 – deferred tax related to assets and liabilities arising from a single transaction (effective for annual periods beginning on or after 1 January 2023). These amendments require companies to recognise deferred tax on transactions that, on initial recognition give rise to equal amounts of taxable and deductible temporary differences. The Group is currently assessing the impact of this amendment.
- IFRS 17, 'Insurance contracts' (effective for annual periods beginning on or after 1 January 2023). This standard was issued as replacement for IFRS 4 'Insurance contracts' and requires a current measurement model where estimates are re-measured each reporting period. The standard allows a choice between recognising changes in discount rates either in the income statement or directly in other comprehensive income. An optional, simplified premium allocation approach is permitted for the liability for the remaining coverage for short duration contracts. The Group is currently assessing the impact of this standard.

Amendments to IAS 1, 'Presentation of financial statements' (effective for accounting periods starting not earlier than 1 January 2024). These amendments clarify that liabilities are classified as either current or non-current, depending on the rights that exist at the end of the reporting period. Classification is unaffected by the expectations of the entity or events after the reporting date. The amendment also clarifies what IAS 1 means when it refers to the 'settlement' of a liability. Note that the IASB has issued a new exposure draft proposing changes to this amendment. The Group is currently assessing the impact of these amendments.

There are no other IFRS or IFRIC interpretations that are not yet effective that would be expected to have a material impact on the Group.

GraceKennedy Limited

Notes to the Financial Statements

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

2. Significant Accounting Policies (Continued)

(b) Basis of consolidation

Subsidiaries are all entities (including structured entities) over which the Group has the power to govern the financial and operating policies generally accompanying a shareholding of more than one half of the voting rights. The existence and effect of potential voting rights that are currently exercisable or convertible are considered when assessing whether the Group controls another entity. The Group also assesses existence of control where it does not have more than 50% of the voting power but is able to govern the financial and operating policies by virtue of de-facto control. De-facto control may arise in circumstances where the size of the Group's voting rights relative to the size and dispersion of holdings of other shareholders give the Group the power to govern the financial and operating policies, etc.

Subsidiaries are fully consolidated from the date on which control is transferred to the Group. They are deconsolidated from the date that control ceases.

The Group applies the acquisition method 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 to the former owners of the acquiree 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. Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured initially at their fair values at the acquisition date. The Group recognises any non-controlling interest in the acquiree on an acquisition-by-acquisition basis, either at fair value or at the non-controlling interest's proportionate share of the recognised amounts of acquiree's identifiable net assets.

Acquisition-related costs are expensed as incurred.

If the business combination is achieved in stages, the acquisition date carrying value of the acquirer's previously held equity interest in the acquiree is remeasured to fair value at the acquisition date through profit or loss. Any contingent consideration to be transferred by the Group is recognised at fair value at the acquisition date. Subsequent changes to the fair value of the contingent consideration that is deemed to be an asset or liability is recognised in accordance with IAS 39 either in profit or loss or as a change to other comprehensive income. Contingent consideration that is classified as equity is not remeasured, and its subsequent settlement is accounted for within equity.

Goodwill is initially measured as the excess of the aggregate 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 over the fair value of the net identifiable assets acquired and liabilities assumed. If this consideration is lower than the fair value of the net assets of the subsidiary acquired, the difference is recognised in profit or loss.

Inter-company transactions, balances, income and expenses on transactions between group companies are eliminated. Profits and losses resulting from inter-company transactions that are recognised in assets are also eliminated. Accounting policies of subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Group.

Transactions with non-controlling interests that do not result in loss of control are accounted for as equity transactions – that is, as transactions with the owners in their capacity as owners. The difference between fair value of any consideration paid and the relevant share acquired of the carrying value of net assets of the subsidiary is recorded in equity. Gains or losses on disposals to non-controlling interests are also recorded in equity.

When the Group ceases to have control any retained interest in the entity is re-measured to its fair value at the date when control is lost, with the change in carrying amount recognised in profit or loss. The fair value is the initial carrying amount for the purposes of subsequently accounting for the retained interest as an associate, joint venture or financial asset. In addition, any amounts previously recognised in other comprehensive income in respect of that entity are accounted for as if the Group had directly disposed of the related assets or liabilities. This may mean that amounts previously recognised in other comprehensive income are reclassified to profit or loss.

GraceKennedy Limited

Notes to the Financial Statements

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

2. Significant Accounting Policies (Continued)

(b) Basis of consolidation (continued)

Entity	Country of incorporation and place of business	Nature of business	Proportion of ordinary shares held by the parent company %	Proportion of ordinary shares held by the Group %	Proportion of ordinary shares held by non-controlling interests %
Consumer Brands Limited	Jamaica	General goods distributor	100	100	-
GK Investments Limited and its subsidiary –	Jamaica	Lease financing	100	100	-
Greenfield Media Productions Limited	Jamaica	Media rights holder	-	55	45
GraceKennedy Financial Group Limited and its subsidiaries –	Jamaica	Holding company	100	100	-
Allied Insurance Brokers Limited	Jamaica	Insurance brokerage	-	100	-
GK General Insurance Company Limited	Jamaica	General insurance	-	100	-
GraceKennedy Money Services Caribbean SRL and its subsidiary –	Barbados	Holding company	-	75	25
GraceKennedy Remittance Services Limited and its subsidiaries –	Jamaica	Money services	-	75	25
Grace Kennedy Currency Trading Services Limited	Jamaica	Money services	-	75	25
GraceKennedy Payment Services Limited	Jamaica	Money services	-	75	25
GraceKennedy Money Services (Anguilla) Limited	Anguilla	Money services	-	75	25
GraceKennedy Money Services (Antigua & Barbuda) Limited	Antigua & Barbuda	Money services	-	75	25
GraceKennedy Money Services (Bahamas) Limited	Bahamas	Money services	-	75	25
GraceKennedy Money Services (Montserrat) Limited	Montserrat	Money services	-	75	25
GraceKennedy Money Services (St. Kitts & Nevis) Limited	St. Kitts & Nevis	Money services	-	75	25
GraceKennedy Money Services (St. Vincent and the Grenadines) Limited	St. Vincent and the Grenadines	Money services	-	75	25
GraceKennedy Money Services (BVI) Limited	British Virgin Islands	Money services	-	75	25
GraceKennedy Money Services (Cayman) Limited	Cayman Islands	Money services	-	75	25
GraceKennedy Money Services (Turks & Caicos Islands) Limited	Turks & Caicos Islands	Money services	-	75	25
Grace, Kennedy Remittance Services (Guyana) Limited	Guyana	Money services	-	75	25
GraceKennedy (Trinidad & Tobago) Limited	Trinidad and Tobago	Money services	-	75	25
GK Insurance (Eastern Caribbean) Limited	St. Lucia	General insurance	-	89.3	10.7
GK Insurance Brokers Limited	Turks & Caicos	Insurance brokerage	-	100	-
GK Life Insurance Eastern Caribbean Limited	St. Lucia	Creditor life insurance	-	100	-
Key Insurance Company Limited	Jamaica	General insurance	-	73.2	26.8
Knutsford Re	Turks & Caicos	Insurance	-	100	-
First Global Holdings Limited and its subsidiaries –	Jamaica	Holding company	25	100	-
First Global Bank Limited	Jamaica	Banking	-	100	-
GK Capital Management Limited	Jamaica	Investment manager	-	100	-
GraceKennedy Properties Limited	Jamaica	Property rental	-	100	-
GK Foods & Services Limited	Jamaica	Food trading	100	100	-
International Communications Limited	Jamaica	Dormant	100	100	-

GraceKennedy Limited

Notes to the Financial Statements

31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

2. Significant Accounting Policies (Continued)

(b) Basis of consolidation (continued)

Entity	Country of incorporation and place of business	Nature of business	Proportion of ordinary shares held by the parent company %	Proportion of ordinary shares held by the Group %	Proportion of ordinary shares held by non-controlling interests %
Grace Foods Limited	St. Lucia	Brand owner	100	100	-
GraceKennedy (Belize) Limited	Belize	Food trading	100	100	-
Grace Foods Canada Inc.	Canada	Food trading	100	100	-
Grace Kennedy (Guyana) Limited	Guyana	Dormant	100	100	-
Grace Kennedy (USA) Inc. and its subsidiary –	USA	Food trading	100	100	-
Grace Foods (USA) Inc. and its subsidiary –	USA	Food trading	-	100	-
GraceKennedy Foods (USA) LLC	USA	Food trading	-	100	-
GraceKennedy (St. Lucia) Limited and its subsidiary –	St. Lucia	Holding company	100	100	-
GK Foods (UK) Limited and its subsidiaries –	United Kingdom (UK)	Food trading	-	100	-
Grace Foods UK Limited	UK	Food trading	-	100	-
Enco Products Limited	UK	Food trading	-	100	-
Funnybones Foodservice Limited	UK	Food trading	-	100	-
Chadha Oriental Foods Limited	UK	Food trading	-	100	-
GraceKennedy Ghana Limited	Ghana	Food trading	-	100	-
GK Foods Limited	Nigeria	Food trading	-	100	-

The special purpose entity consolidated is the company's employee investment trust.

During the year, the Group acquired 100% of the share capital of GK Life Insurance Eastern Caribbean Limited (formerly Scotia Insurance Eastern Caribbean Limited) (Note 39).

In 2021, the Group purchased additional shares in Key Insurance Company Limited, by way of a renounceable rights issue. As a result of some of the existing shareholders not exercising their rights, the Group purchased additional shares in excess of its existing proportionate share, resulting in an increase in the Group's shareholding from 65.2% to 73.2% (Note 23).

During the year, GK Mutual Funds Limited was formed but has not yet been capitalised and is expected to commence operations in 2022.

The Group liquidated Grace Foods International Limited in the prior year.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(c) Associates and Joint Ventures

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. Joint ventures are entities over which the Group has joint control and has rights to the net assets of the investment. Investments in associates and joint ventures are accounted for using the equity method of accounting and are initially recognised at cost. Under the equity method, the investment is initially recognised at cost, and the carrying amount is increased or decreased to recognise the investee after the date of acquisition. The Group's investment in associates and joint ventures includes goodwill identified on acquisition, net of any accumulated impairment loss.

If the ownership interest in an associate or joint venture is reduced but significant influence or joint control is retained, only a proportionate share of the amounts previously recognised in other comprehensive income is reclassified to profit or loss where appropriate.

The Group's share of its associates' and joint ventures' post-acquisition profits or losses is recognised in the income statement, and its share of post-acquisition movements in reserves is recognised in reserves. The cumulative post-acquisition movements are adjusted against the carrying amount of the investment. When the Group's share of losses in an associate or joint venture equals or exceeds its interest in the entity, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the entity.

The Group determines at each reporting date whether there is any objective evidence that the investment in the associate or joint venture is impaired. If this is the case, the Group calculates the amount of impairment as the difference between the recoverable amount of the entity and its carrying value and recognises the amount adjacent to 'share of results of associates and joint ventures' in the income statement.

Unrealised gains on transactions between the Group and its associates and joint ventures are eliminated to the extent of the Group's interest in the entities. Unrealised losses are also eliminated unless the transaction provides evidence of an impairment of the asset transferred. Accounting policies of associates and joint ventures have been changed where necessary to ensure consistency with the policies adopted by the Group. Dilution gains and losses arising in investments in associates and joint ventures are recognised in the income statement.

In the company's statement of financial position, investment in associates and joint ventures is shown at cost.

The Group's associates and joint ventures are as follows:

Entity	Financial Reporting Year-end	Country of Incorporation	Nature of Business	Nature of Relationship	Group's Percentage Interest	
					2021	2020
Canopy Insurance Limited	31 December	Jamaica	Financial	Joint Venture	50.0	50.0
Catherine's Peak Bottling Company Limited	31 March	Jamaica	Food trading	Associate	35.0	35.0
CSGK Finance Holdings Limited	31 December	Barbados	Banking	Associate	40.0	40.0
Dairy Industries (Jamaica) Limited	31 December	Jamaica	Food trading	Associate	50.0	50.0
Gray's Pepper Products Limited	31 December	Jamaica	Food trading	Associate	33.3	33.3
Majesty Foods LLC	31 December	USA	Food trading	Associate	49.0	49.0
Pelican Power Limited	31 December	Jamaica	Investment/ Energy	Joint Venture	50.0	50.0
Telecommunications Alliance Limited	31 December	Jamaica	Dormant	Associate	49.0	49.0

The results of associates and joint ventures 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.

(d) Segment reporting

Operating segments are reported in a manner consistent with the internal reporting provided to the chief operating decision-maker. The chief operating decision-maker, who is responsible for allocating resources and assessing performance of the operating segments, has been identified as the Executive Committee that makes strategic decisions.

(e) 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 company's functional and presentation currency.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(e) Foreign currency translation (continued)

Transactions and balances

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies are recognised in the income statement, except when deferred in other comprehensive income as qualifying cash flow hedges and qualifying net investment hedges. Foreign exchange gains and losses that relate to borrowings and cash and cash equivalents are presented in the income statement in other income.

Foreign exchange gains and losses are presented in the income statement within 'other income'.

Changes in the fair value of monetary securities denominated in foreign currency classified as fair value through other comprehensive income are analysed between translation differences resulting from changes in the 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 are recognised in other comprehensive income.

Translation differences on non-monetary financial assets and liabilities are reported as part of the fair value gain or loss. Translation differences on non-monetary financial assets and liabilities such as equities held at fair value through profit or loss are recognised in the income statement as part of the fair value gain or loss. Translation differences on non-monetary financial assets such as equities classified as fair value through other comprehensive income are recognised in other comprehensive income.

Group companies

The results and financial position of all the Group's 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:

- (a) assets and liabilities for each statement of financial position presented are translated at the closing rate at the date of that statement of financial position;
- (b) 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 rate on the dates of the transactions); and
- (c) all resulting exchange differences are recognised in other comprehensive income.

When a foreign operation is partially disposed of or sold, exchange differences that were recorded in equity are recognised in the income statement as part of the gain or loss on sale.

Goodwill and fair value adjustments arising on the acquisition of a foreign entity are treated as assets and liabilities of the foreign entity and translated at the closing rate. Exchange differences arising are recognised in other comprehensive income.

(f) Fixed assets

All fixed assets are initially recorded at cost. Freehold land and buildings are subsequently shown at market valuation based on biennial valuations by external independent valuers, less subsequent depreciation of buildings. Any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset, and the net amount is restated to the revalued amount. All other fixed assets are carried at cost less accumulated depreciation.

Subsequent costs are included in the asset's carrying amount or 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. The carrying amount of the replaced part is derecognised.

Increases in carrying amounts arising on revaluation are credited to other comprehensive income and shown in capital reserves in shareholders' equity. Decreases that offset previous increases of the same asset are charged in other comprehensive income and debited against capital reserves directly in equity; all other decreases are charged to the income statement.

Depreciation is calculated on the straight line basis to allocate assets' cost or revalued amounts to their residual values over their estimated useful lives, as follows:

Freehold buildings and leasehold buildings and improvements	10 - 65 years
Plant and machinery	5 - 20 years
Equipment, furniture and fixtures	5 - 10 years
Computer equipment	3 - 5 years
Vehicles	5 years

Land is not depreciated.

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at each statement of financial position date.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(f) Fixed assets (continued)

Where the carrying amount of an asset is greater than its estimated recoverable amount, it is written down immediately to its recoverable amount.

Gains and losses on disposal of fixed assets are determined by reference to their carrying amount and are taken into account in determining profit. When revalued assets are sold, the amounts included in capital and fair value reserves are transferred to retained earnings.

Repairs and maintenance are charged to the income statement during the financial period in which they are incurred. The cost of major renovations is included in the carrying amount of the asset when it is probable that future economic benefits in excess of the originally assessed standard of performance of the existing asset will flow to the Group. Major renovations are depreciated over the remaining useful life of the related asset.

Borrowing costs incurred for the construction of any qualifying asset are capitalised during the period of time that is required to complete and prepare the asset for its intended use. Other borrowing costs are expensed.

(g) Intangible assets

Goodwill

Goodwill is recorded at cost and represents the excess of the value of consideration paid over the Group's interest in net fair value of the identifiable assets, liabilities and contingent liabilities of the acquiree and the fair value of the non-controlling interest in the acquiree. Goodwill is considered an indefinite life intangible asset and is not amortised. Goodwill is tested annually for impairment and carried at cost less accumulated impairment losses. Impairment losses on goodwill are recognised in the income statement under expenses and are not reversed. Gains and losses on the disposal of an entity include the carrying amount of goodwill relating to the entity sold.

Goodwill is allocated to cash-generating units for the purpose of impairment testing. The allocation is made to those cash-generating units or groups of cash-generating units that are expected to benefit from the business combination in which the goodwill arose, identified according to operating segment.

Computer software

Acquired computer software licences are capitalised on the basis of costs incurred to acquire and bring to use the specific software. These costs are amortised over the estimated useful life of the software, which ranges from 3 to 5 years.

Policy contracts

Policy contracts are amortised over their estimated useful life which is 15 years and are carried at cost less accumulated amortisation. The cost of policy contracts comprises its purchase price and professional fees directly attributed to acquiring the asset.

Brands

Brands are recorded at cost and represent the value of the consideration paid to acquire several well established and recognised beverage and ethnic food brands. These costs are amortised over the estimated useful life of the brands, which ranges from 5 to 20 years.

Customer relationships

Customer relationships are recorded at cost and represent the value of the consideration paid to acquire customer contracts and the related customer relationships with several outlet operators and insurance clients. These costs are amortised over the estimated useful life of the relationships, which is between 5 to 15 years.

Supplier relationships

Supplier relationships are recorded at cost and represent the value of the consideration paid to acquire rights to distribute consumer products in specified locations. These costs are amortised over the estimated useful life of the relationships, which is between 10 to 12 years.

Bancassurance agreements

Bancassurance agreements are recorded at cost and represent the value of the consideration paid to acquire the rights to have insurance products sold using banking distribution channels. These costs are amortised over the estimated useful life of the agreements, which is 10 years.

Licences

Licences are recorded at cost and represent the value of the consideration paid to acquire the rights to operate under the regulatory framework in territories where registered. Licences are usually considered an indefinite life intangible asset so it will not require any annual amortisation. However, it will be subject to annual impairment testing.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(h) Financial assets

Classification

The Group classifies its financial assets in the following measurement categories:

- those to be measured subsequently at fair value (either through other comprehensive income (OCI), or through profit or loss)
- those to be measured at amortised cost.

The classification depends on the business model used for managing the financial assets and the contractual terms of the cash flows.

For assets measured at fair value, gains and losses will either be recorded in profit or loss or OCI. For investments in equity instruments that are not held for trading, this will depend on whether the Group has made an irrevocable election at the time of initial recognition to account for the equity investment at fair value through other comprehensive income (FVOCI). Equity instruments held for trading are measured at fair value through profit or loss (FVPL).

The Group reclassifies debt investments only when its business model for managing those assets changes.

Measurement

Debt instruments

Measurement of debt instruments depends on the Group's business model for managing the asset and the cash flow characteristics of the asset. The Group classifies its debt instruments into three measurement categories:

- **Amortised cost:** Assets that are held for collection of contractual cash flows, where those cash flows represent solely payments of principal and interest, are measured at amortised cost. Interest income from these financial assets is included in the income statement using the effective interest rate method. Any gain or loss arising on derecognition is recognised directly in profit or loss. Impairment losses are presented as a separate line item in the income statement.
- **FVOCI:** Assets that are held for collection of contractual cash flows and for selling the financial assets, where the assets' cash flows represent solely payments of principal and interest, are measured at FVOCI. Changes in fair value are taken through OCI. The recognition of interest income and impairment gains or losses are recognised in profit or loss. When the financial asset is derecognised, the cumulative gain or loss previously recognised in OCI is reclassified from equity to profit or loss. Interest income from these financial assets is included in the income statement using the effective interest rate method. Impairment losses are presented as a separate line item in the income statement.
- **FVPL:** Assets that do not meet the criteria for amortised cost or FVOCI are measured at FVPL. A gain or loss on a debt investment that is measured at FVPL is recognised in profit or loss in the period in which it arises.

Equity instruments

The Group measures all equity investments at fair value. Where the Group's management has elected to present fair value gains and losses on equity investments in OCI, there is no subsequent reclassification of fair value gains and losses to profit or loss following the derecognition of the investment. Dividends from such investments continue to be recognised in profit or loss when the Group's right to receive payments is established. Changes in the fair value of financial assets at FVPL are recognised in the income statement.

Impairment

The Group assesses on a forward looking basis the expected credit losses (ECL) associated with its financial assets classified at amortised cost, debt instruments measured at FVOCI, lease receivables, loan commitments and certain financial guarantee contracts.

Application of the General Model

The Group has applied the 'general model' as required under IFRS 9 for debt instruments other than trade receivables. Under this model, the Group is required to assess on a forward-looking basis the ECL associated with its debt instrument assets carried at amortised cost and FVOCI and with the exposure arising from loan commitments and financial guarantee contracts. The ECL will be recognised in profit or loss before a loss event has occurred. The measurement of ECL reflects an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes. The probability-weighted outcome considers multiple scenarios based on reasonable and supportable forecasts. Under current guidance, impairment amount represents the single best outcome; the time value of money; and reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(h) Financial assets (continued)

ECL is calculated by multiplying the Probability of default (PD), Loss Given Default (LGD) and Exposure at Default (EAD).

The impairment model uses a three-stage approach based on the extent of credit deterioration since origination:

Stage 1 – 12-month ECL applies to all financial assets that have not experienced a significant increase in credit risk since origination and are not credit impaired. The ECL will be computed using a 12-month PD that represents the probability of default occurring over the next 12 months.

Stage 2 – When a financial asset experiences a significant increase in credit risk subsequent to origination but is not credit impaired, it is considered to be in Stage 2. This requires the computation of ECL based on lifetime PD that represents the probability of default occurring over the remaining estimated life of the financial asset. Provisions are higher in this stage because of an increase in risk and the impact of a longer time horizon being considered compared to 12 months in Stage 1.

Stage 3 – Financial assets that have an objective evidence of impairment will be included in this stage. Similar to Stage 2, the allowance for credit losses will continue to capture the lifetime ECL.

The Group uses judgement when considering the following factors that affect the determination of impairment:

Assessment of Significant Increase in Credit Risk

The assessment of a significant increase in credit risk is done on a relative basis. To assess whether the credit risk on a financial asset has increased significantly since origination, the Group compares the risk of default occurring over the expected life of the financial asset at the reporting date to the corresponding risk of default at origination, using key risk indicators that are used in the Group's existing risk management processes. At each reporting date, the assessment of a change in credit risk will be individually assessed for those considered individually significant and at the segment level for retail exposures. This assessment is symmetrical in nature, allowing credit risk of financial assets to move back to Stage 1 if the increase in credit risk since origination has reduced and is no longer deemed to be significant.

Macroeconomic Factors, Forward Looking Information and Multiple Scenarios

The Group applies an unbiased and probability weighted estimate of credit losses by evaluating a range of possible outcomes that incorporates forecasts of future economic conditions.

Macroeconomic factors and forward looking information are incorporated into the measurement of ECL as well as the determination of whether there has been a significant increase in credit risk since origination. Measurement of ECLs at each reporting period reflect reasonable and supportable information at the reporting date about past events, current conditions and forecasts of future economic conditions.

The Group uses three scenarios that are probability weighted to determine ECL.

Expected Life

When measuring ECL, the Group considers the maximum contractual period over which the Group is exposed to credit risk. All contractual terms are considered when determining the expected life, including prepayment options and extension and rollover options. For certain revolving credit facilities that do not have a fixed maturity, the expected life is estimated based on the period over which the Group is exposed to credit risk and where the credit losses would not be mitigated by management actions.

Application of the Simplified Approach

For trade receivables, the Group applies the simplified approach permitted by IFRS 9, which requires that the impairment provision is measured at initial recognition and throughout the life of the receivables using a lifetime ECL. As a practical expedient, a provision matrix is utilised in determining the lifetime ECLs for trade receivables.

The lifetime ECLs are determined by taking into consideration historical rates of default for each segment of aged receivables as well as the estimated impact of forward looking information.

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2. Significant Accounting Policies (Continued)

(i) Derivative financial instruments

Derivatives are financial instruments that derive their value from the price of the 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 foreign exchange risk and interest rate risk.

Derivatives are initially recognised at fair value on the date a derivative contract is entered into and are subsequently re-measured at their fair value at each statement of financial position date. Fair values are obtained from quoted market prices, discounted cash flow models and option pricing 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 the changes in the fair value of derivatives are included in the income statement.

(j) Investments in subsidiaries

Investments in subsidiaries are stated at cost.

(k) Impairment of non-financial assets

Fixed assets and other assets, excluding goodwill, are reviewed for impairment losses at least annually and 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 asset exceeds its recoverable amount, which is the higher of an asset's net selling price and value in use. For the purposes of assessing impairment, assets are grouped at the lowest levels for which there are separately identifiable cash flows.

(l) Income taxes

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

Current tax charges are based on taxable profit for the year, which differs 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 statement of financial position date in the countries where the company and its subsidiaries operate and generate taxable income. Management periodically evaluates positions taken in the tax returns with respect to situations in which applicable tax regulation is subject to interpretation. It establishes provisions where appropriate on the basis of amounts expected to be paid to the tax authorities.

Deferred tax is the tax expected to be paid or recovered on differences between the carrying amounts of assets and liabilities and the corresponding tax bases. 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 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.

Investment tax credits are benefits received for investments in specific qualifying assets related to capitalised expenditure. Any portion of these tax credits which are received but not fully utilised in the same year are carried forward for offset against future taxes and are recognised similarly to unused tax credits as a deferred tax asset.

Deferred income tax is provided on temporary differences arising on investments in subsidiaries, 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.

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2. Significant Accounting Policies (Continued)

(m) Employee benefits

Pension obligations

The Group participates in a defined contribution plan whereby it pays contributions to a privately administered fund. Once the contributions have been paid, the Group has no further payment obligations. The regular contributions constitute net periodic costs for the year in which they are due and are included in staff costs.

Pension plan assets

The Group also operates a defined benefit plan. The scheme is generally funded through payments to a trustee-administered fund as determined by periodic actuarial calculations. A defined benefit plan is a pension plan that defines an amount of pension benefit to be provided, usually as a function of one or more factors such as age, years of service or compensation.

The asset or liability in respect of defined benefit pension plans is the difference between the present value of the defined benefit obligation at the statement of financial position date and 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 the estimated future cash outflows using interest rates of Government securities which have terms to maturity approximating the terms of the related liability.

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. This cost is included in staff costs within expenses in the income statement.

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

Past-service costs are recognised immediately in income.

For defined contribution plans, the Group pays contributions to privately administered pension plans on a mandatory, contractual or voluntary basis. The Group has no further payment obligations once the contributions have been paid. The contributions are recognised as employee benefit expense when they are due. Prepaid contributions are recognised as an asset to the extent that a cash refund or a reduction in the future payments is available.

Other post-employment obligations

Some Group companies provide post-employment health care benefits, group life, gratuity and supplementary plans for their retirees. The entitlement to these benefits is usually based 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.

Equity compensation benefits

The Group operates equity-settled, share-based compensation plans. Directors, senior executives, management and key employees are awarded stock options and/or restricted stock grants. The fair value of the employee services received in exchange for the grant of the options or restricted units is recognised as an expense. The total amount expensed over the vesting period is determined by reference to the fair value of the options or restricted units granted, excluding the impact of non-market vesting conditions. When options are exercised or restricted units are vested, the proceeds received net of any transaction costs or the value transferred are credited to share capital.

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.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(m) Employee benefits (continued)

Incentive plans

The Group recognises a liability and an expense for bonuses, based on a formula that takes into consideration the profit attributable to the company's owners after certain adjustments. The Group recognises a provision where contractually obliged or where there is past practice that has created a constructive obligation.

(n) Inventories

Inventories are stated at the lower of average cost and net realisable value. In the case of the company, cost represents invoiced cost plus direct inventory-related expenses. For the subsidiaries, costs are determined by methods and bases appropriate to their operations. The cost of finished goods and work in progress comprises raw materials, direct labour, other direct costs and related production overheads. Net realisable value is the estimate of the selling price in the ordinary course of business, less the costs of completion and selling expenses.

(o) Trade and insurance receivables

Trade and insurance receivables are carried at original invoice amount (which represents fair value) less provision made for impairment of these receivables. A provision for impairment of these receivables is established when there is objective evidence that the Group will not be able to collect all amounts due according to the original terms of the receivables. Significant financial difficulties of the debtor, probability that the debtor will enter bankruptcy or financial reorganisation, and default or delinquency in payments are considered indicators that the trade receivable is impaired. The amount of the provision is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the original effective interest rate. The carrying amount of the asset is reduced through the use of an allowance account, and the amount of the loss is recognised in the income statement. When a trade receivable is uncollectible, it is written off against the allowance account for trade receivables. Subsequent recoveries of amounts previously written off are credited against selling and marketing costs in the income statement. Impairment testing of trade receivables is described in Note 3.

(p) Cash and cash equivalents

Cash and cash equivalents are carried on the statement of financial position at cost. For the purposes of the cash flow statement, cash and cash equivalents comprise cash on hand, deposits held at call with banks, other short-term highly liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are included within bank and other loans on the statement of financial position.

(q) Payables

Payables are obligations to pay for goods or services that have been acquired in the ordinary course of business from suppliers. Payables are initially recognised at fair value and subsequently stated at amortised cost.

(r) Insurance business provisions

Claims outstanding

Provision is made to cover the estimated cost of settling claims arising out of events which have occurred by the statement of financial position date, including claims incurred but not reported, less amounts already paid in respect of these claims. Provision for reported claims is based on individual case estimates.

Insurance reserves

Provision is made for that proportion of premiums written in respect of risks to be borne subsequent to the year-end under contracts of insurance entered into on or before the statement of financial position date. Provision is also made to cover the estimated amounts in excess of unearned premiums required to meet future claims and expenses on business in force.

Reinsurance ceded

The insurance subsidiary cedes insurance premiums and risk in the normal course of business in order to limit the potential for losses arising from longer exposures. Reinsurance does not relieve the originating insurer of its liability. Reinsurance assets include the balances due from both insurance and reinsurance companies for paid and unpaid losses and loss adjustment expenses and ceded unearned premiums. Amounts recoverable from reinsurers are estimated in a manner consistent with the claim liability associated with the reinsured policy. Reinsurance is recorded gross in the statement of financial position unless the right of offset exists.

Deferred policy acquisition costs

The costs of acquiring and renewing insurance contracts, including commissions, underwriting and policy issue expenses, which vary with and are directly related to the contracts, are deferred over the unexpired period of risk carried. Deferred policy acquisition costs are subject to recoverability testing at the time of policy issue and at the end of each accounting period.

GraceKennedy Limited

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2. Significant Accounting Policies (Continued)

(s) Provisions

Provisions are recognised when the Group has 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 can be made. Where the Group expects a provision to be reimbursed; for example, under an insurance contract, the reimbursement is recognised as a separate asset but only when the reimbursement is virtually certain.

(t) Deposits

Deposits are recognised initially at the nominal amount when funds are received. Deposits are subsequently stated at amortised cost using the effective yield method.

(u) Securities purchased/sold under resale/repurchase agreements

The purchase and sale of securities under resale and repurchase agreements are treated as collateralised lending and borrowing transactions. The related interest income and expense are recorded on the accrual basis.

(v) Borrowings

Bank loans and overdrafts are recognised initially at fair value, net of transaction costs incurred. Borrowings are subsequently carried at amortised cost; any difference between the proceeds (net of transaction costs) and the redemption value is recognised in the income statement over the period of the borrowings using the effective interest method.

Fees paid on the establishment of loan facilities are recognised as transaction costs of the loan to the extent that it is probable that some or all of the facility will be drawn down. In this case, the fee is deferred until the draw-down occurs. To the extent there is no evidence that it is probable that some or all of the facility will be drawn down, the fee is capitalised as a pre-payment for liquidity services and amortised over the period of the facility to which it relates.

Preference shares, which are mandatorily redeemable on a specific date, are classified as liabilities. The dividends on these preference shares are recognised in the income statement as interest expense.

(w) Borrowings costs

General and specific borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalisation. All other borrowing costs are recognised in profit or loss in the period in which they are incurred.

(x) Leases

As lessee

The Group leases various offices, warehouses, retail stores, equipment and vehicles. Rental contracts are typically made for fixed periods of 1 to 10 years, but may have extension options as described below.

Contracts may contain both lease and non-lease components. The Group allocates the consideration in the contract to the lease and non-lease components based on their relative stand-alone prices. Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. The lease agreements do not impose any covenants other than the security interests in the leased assets that are held by the lessor.

Leases are recognised as a right-of-use asset and a corresponding liability at the date at which the leased asset is available for use by the Group.

Assets and liabilities arising from a lease are initially measured on a present value basis.

Lease liabilities include the net present value of the following lease payments:

- Fixed payments (including in-substance fixed payments), less any lease incentives receivable
- Variable lease payments that are based on an index or a rate
- Amounts expected to be payable by the lessee under residual value guarantees
- The exercise price of a purchase option if the lessee is reasonably certain to exercise that option, and
- Payments of penalties for terminating the lease, if the lease term reflects the lessee exercising that option.

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2. Significant Accounting Policies (Continued)

(x) Leases (continued)

Some equipment and motor vehicle leases contain variable lease payment terms that are linked to usage. These payments are excluded from the measurement of the lease liability and are recognised in profit or loss in the period in which the condition that triggers those payments occurs.

Lease payments to be made under reasonably certain extension options are also included in the measurement of the liability.

The lease payments are discounted using the interest rate implicit in the lease. If that rate cannot be determined, the lessee's incremental borrowing rate is used, being the rate that the lessee would have to pay to borrow the funds necessary to obtain an asset of similar value in a similar economic environment with similar terms and conditions. To determine the incremental borrowing rate, the Group uses recent third-party financing received by the individual lessee as a starting point.

The Group is exposed to potential future increases in variable lease payments based on an index or rate, which are not included in the lease liability until they take effect. When adjustments to lease payments based on an index or rate take effect, the lease liability is reassessed and adjusted against the right-of-use asset.

Each lease payment is allocated between the liability and finance cost. The finance cost is charged to profit or loss over the lease period so as to produce a constant periodic rate of interest on the remaining balance of the liability for each period.

Right-of-use assets are measured at cost comprising the following:

- The amount of the initial measurement of lease liability
- Any lease payments made at or before the commencement date less any lease incentives received
- Any initial direct costs, and
- Restoration costs.

Right-of-use assets are generally depreciated over the shorter of the asset's useful life and the lease term on a straight-line basis. If the Group is reasonably certain to exercise a purchase option, the right-of-use asset is depreciated over the underlying asset's useful life. While the Group revalues its land and buildings that are presented within property, plant and equipment, it has chosen not to do so for the right-of-use land and buildings held by the Group.

Payments associated with short-term leases are recognised on a straight-line basis as an expense in profit or loss. Short-term leases are leases with a lease term of 12 months or less.

The lease term is determined as the non-cancellable period of the lease and also takes account of extension and termination options if reasonably certain to be exercised. The majority of extension and termination options held are exercisable only by the Group and not by the respective lessor. The assessment of reasonable certainty is only revised if a significant event or a significant change in circumstances occurs, which affects this assessment, and that is within the control of the Group.

As lessor

When assets are sold 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 income. Lease income is recognised over the term of the lease so as to reflect a constant periodic rate of return.

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2. Significant Accounting Policies (Continued)

(y) Share capital

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

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

(z) Revenue recognition

Revenue comprises the fair value of the consideration received or receivable for the sale of goods and services in the ordinary course of the Group's activities. Revenue is shown net of General Consumption Tax or applicable sales tax, returns, rebates and discounts and after eliminating sales within the Group.

Sales of goods and services

Revenue is recognised as performance obligations are satisfied, that is, over time or at a point in time. Where a customer contract contains multiple performance obligations, the transaction price is allocated to each distinct performance obligation based on the relative stand-alone selling prices of the goods or services being provided to the customer.

Certain contracts with customers provide a right of return, free goods, volume discounts, rebates and other incentives. Accumulated experience is used to estimate and provide for customer returns and sales incentives using the expected value method, and revenue is only recognised to the extent that it is highly probable that a significant reversal will not occur. A contract liability, representing amounts payable to customers, is recognised for expected returns and sales incentives. Where customer contracts entitle customers to free goods, revenue is allocated to each performance obligation, including free goods, and recognised as the performance obligations are satisfied. Contract liabilities are included in 'payables' on the statement of financial position.

Sale of goods and services – customer loyalty programme

The Group operates loyalty programmes where customers accumulate points for purchases made which entitle them to goods or services in the future. The consideration received from the sale of goods and services is allocated to the loyalty points and related goods and services using the residual value method. In its capacity as an agent, the Group recognises commission income, being the net of the consideration allocated to the loyalty points and the amounts payable to third parties with primary responsibility for satisfying the performance obligations in respect of awards. A financial liability is recognised in respect of amounts payable to third parties and no breakage is considered. The financial liability is included in 'payables' in the statement of financial position.

Interest income

Interest income is recognised using the effective interest method. When a loan and receivable is impaired, the Group reduces the carrying amount to its recoverable amount, being the estimated future cash flow discounted at the original effective interest rate of the instrument, and continues unwinding the discount as interest income. Interest income on impaired loan and receivables is recognised using the original effective interest rate.

Dividend income

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

Fees and commissions

Fees and commissions, shown in other income, represent various transaction costs and service fees charged to customers. These are recognised on an accrual basis.

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2. Significant Accounting Policies (Continued)

(aa) Dividends

Dividends are recorded as a deduction from equity in the period in which they are approved.

(ab) Investment properties

Investment properties, principally comprising land and buildings, are held for long-term rental yields and capital appreciation and are treated as long-term investments. They are measured initially at cost, including related transaction costs and are subsequently carried at fair value.

Fair value is based on active market prices, adjusted, if necessary, for any difference in the nature, location or condition of the specific asset. The fair value of investment property reflects, among other things, rental income from current leases and assumptions about rental income from future leases in light of current market conditions. The fair value also reflects, on a similar basis, any cash outflows that could be expected in respect of the property.

Subsequent expenditure is charged to the asset's carrying amount 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 income during the financial period in which they are incurred. Fair value gains or losses are recorded in income.

(ac) Non-current assets (or disposal groups) held for sale and discontinued operations

Non-current assets (or disposal groups) are classified as held for sale if their carrying amount will be recovered principally through a sale transaction rather than through continuing use and a sale is considered highly probable. They are measured at the lower of their carrying amount and fair value less costs to sell, except for assets such as deferred tax assets, assets arising from employee benefits, financial assets and investment property that are carried at fair value and contractual rights under insurance contracts, which are specifically exempt from this requirement.

An impairment loss is recognised for any initial or subsequent write-down of the asset (or disposal group) to fair value less costs to sell. A gain is recognised for any subsequent increases in fair value less costs to sell of an asset (or disposal group), but not in excess of any cumulative impairment loss previously recognised. A gain or loss not previously recognised by the date of the sale of the non-current asset (or disposal group) is recognised at the date of derecognition.

Non-current assets (including those that are part of a disposal group) are not depreciated or amortised while they are classified as held for sale. Interest and other expenses attributable to the liabilities of a disposal group classified as held for sale continue to be recognised.

Non-current assets classified as held for sale and the assets of a disposal group classified as held for sale are presented separately from the other assets in the statement of financial position. The liabilities of a disposal group classified as held for sale are presented separately from other liabilities in the statement of financial position.

A discontinued operation is a component of the entity that has been disposed of or is classified as held for sale and that represents a separate major line of business or geographical area of operations, is part of a single coordinated plan to dispose of such a line of business or area of operations, or is a subsidiary acquired exclusively with a view to resale. The results of discontinued operations are presented separately in the income statement.

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3. Insurance and Financial Risk Management

The Group's activities expose it to a variety of insurance and financial risks and those activities involve the analysis, evaluation, acceptance and management of some degree of risk or combination of risks. Taking risk is core to the financial business, and the operational risks are an inevitable consequence of being in business. The Group's aim is therefore to achieve an appropriate balance between risk and return and minimise potential adverse effects on the Group's financial performance.

The Group's risk management policies are designed to identify and analyse these risks, to set appropriate risk limits and controls, and to monitor the risks and adherence to limits by means of reliable and up-to-date information systems. The Group regularly reviews its risk management policies and systems to reflect changes in markets, products and emerging best practice.

The Board of Directors is ultimately responsible for the establishment and oversight of the Group's risk management framework. It provides policies for overall risk management, as well as principles and procedures covering the specific areas of risk. The Board has established committees/departments for managing and monitoring risks, such as foreign exchange risk, interest rate risk, credit risk and liquidity risk, as follows:

(i) Audit Committee

The Audit Committee oversees how management monitors compliance with the Group's risk management policies and procedures and reviews the adequacy of the risk management framework in relation to the risks faced by the Group. The Audit Committee is assisted in its oversight role by Group Risk Management and Internal Audit. Group Risk Management establishes a framework within which the opportunities and risks affecting the Group may be measured, assessed, and effectively controlled. Internal Audit undertakes both regular and ad hoc reviews of risk management controls and procedures, the results of which are reported to the Audit Committee.

(ii) Corporate Governance Committee

The Corporate Governance Committee assists the Board in enhancing the Group's system of corporate governance by establishing, monitoring and reviewing the principles of good governance with which the Group and its directors will comply. The Committee promotes high standards of corporate governance based on the principles of openness, integrity and accountability taking into account the Group's existing legal and regulatory requirements. It establishes such procedures, policies and codes of conduct to meet these aims as it considers appropriate. Qualified individuals are identified and recommended by the Board to become members. It also leads the Board of Directors in its annual review of the Board's performance.

(iii) Asset and Liability Committees/Investment Committees

The Asset and Liability Committees (ALCOs) and Investment Committees are management committees responsible for monitoring and formulating investment portfolios and investment strategies within the Insurance, Banking and Investment, and Corporate divisions. The ALCOs are also responsible for monitoring adherence to trading limits, policies and procedures that are established to ensure that there is adequate liquidity as well as monitoring and measuring capital adequacy for regulatory and business requirements. To discharge these responsibilities, the ALCOs establish asset and liability pricing policies to protect the liquidity structure as well as assesses the probability of various liquidity shocks and interest rate scenarios. They also establish and monitor relevant liquidity ratios and statement of financial position targets. Overall, the Committees ensure compliance with the policies related to the management of liquidity risk, interest rate risk, and foreign exchange risk.

(iv) Corporate Finance Department

The Corporate Finance Department is responsible for managing the Group's assets and liabilities and the overall capital structure. It is also primarily responsible for the funding and liquidity risks of the Group. Corporate Finance identifies, evaluates and manages financial risks in close co-operation with the Group's operating business units.

The most important types of risk are insurance risk, reinsurance risk, credit risk, liquidity risk, market risk and other operational risk. Market risk includes currency risk, interest rate and other price risk.

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3. Insurance and Financial Risk Management (Continued)

(a) Insurance risk

The Group issues contracts that transfer insurance risk. This section summarises the risk and the way it is managed by the Group.

Insurance risk for the Group attributable to policies sold by its general and life insurance underwriting subsidiaries, is borne by those subsidiaries. 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.

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 its insurance contracts is that the actual claim payments exceed the carrying amount of the insurance liabilities. This could occur because the frequency or severity of claims and benefits is greater than estimated. Insurance events are random and the actual number and amount of claims and benefits will vary from year to year from the level established using statistical techniques.

Experience shows that the larger the portfolio of similar insurance contracts, the smaller the relative variability about the expected outcome will be. In addition, a more diversified portfolio is less likely to be affected across the board by a change in any subset of the portfolio. The Group has developed its insurance underwriting strategy to diversify the type of insurance risks accepted and within each of these categories to achieve a sufficiently large population of risks to reduce the variability of the expected outcome.

Factors that increase insurance risk include lack of risk diversification in terms of type and amount of risk and geographical location.

Management maintains an appropriate balance between commercial and personal policies and type of policies based on guidelines set by the Board of Directors. Insurance risk arising from the Group's insurance contracts is, however, concentrated within Jamaica.

The Group has the right to re-price the risk on renewal. It also has the ability to impose deductibles and reject fraudulent claims. Where applicable, for general insurance contracts are underwritten by reference to the commercial replacement value of the properties or other assets and contents insured. Claims payment limits are always included to cap the amount payable on occurrence of the insured event. Cost of rebuilding properties, of replacement or indemnity for other assets and contents and time taken to restart operations for business interruption are the key factors that influence the level of claims under these policies.

Management sets policy and retention limits based on guidelines set by the Board of Directors of the subsidiaries. The policy limit and maximum net retention of any one risk for each class of general insurance per customer for the year are as follows:

	2021		2020	
	Policy Limit	Maximum Net Retention	Policy Limit	Maximum Net Retention
	\$'000	\$'000	\$'000	\$'000
Commercial property:				
Fire and consequential loss	1,539,200	12,314	1,417,090	11,337
Boiler and machinery	923,520	6,926	701,460	6,377
Engineering	1,231,360	9,235	935,279	8,503
Burglary, money and goods in transit	38,480	38,480	35,427	35,427
Glass and other	38,480	38,480	35,427	35,427
Liability	461,760	46,176	425,127	42,513
Marine, aviation and transport	92,352	4,618	85,025	4,251
Motor	60,000	15,000	60,000	15,000
Pecuniary loss:				
Fidelity	38,480	38,480	35,427	35,427
Surety/Bonds	230,880	46,176	212,564	42,513
Personal accident	38,480	38,480	35,427	35,427
Personal property	1,539,200	12,314	1,417,090	11,337

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3. Insurance and Financial Risk Management (Continued)

(a) Insurance risk (continued)

Sensitivity Analysis of Actuarial Liabilities

The determination of actuarial liabilities is sensitive to a number of assumptions, and changes in those assumptions could have a significant effect on the valuation results. These factors are discussed below.

Actuarial Assumptions

(i) In applying the noted methodologies, the following assumptions were made:

- Claims inflation has remained relatively constant and there have been no material legislative changes in the Jamaican civil justice system that would cause claim inflation to increase dramatically.
- There is no latent environmental or asbestos exposure embedded in the loss history.
- The case reserving and claim payments rates have and will remain relatively constant.
- The overall development of claims costs gross of reinsurance is not materially different from the development of claims costs net of reinsurance. This assumption is supported by:
 - The majority of the reinsurance program consists of proportional reinsurance agreements.
 - The non-proportional reinsurance agreements consist primarily of high attachment points.
- Claims are expressed at their estimated ultimate undiscounted value, in accordance with the requirement of the insurance regulations.

(ii) Provision for adverse deviation assumptions

The basic assumptions made in establishing insurance reserves 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 for adverse deviation in each assumption.

Reserves have been calculated on an undiscounted basis as well as on a discounted basis with a risk load added in. Where the undiscounted reserve was larger than the discounted reserve including the calculated provision for adverse deviation, the undiscounted amount was chosen. This assumes that holding reserves at an undiscounted amount includes an implicit risk load.

(iii) Scenario testing

The two major assumptions that determine reserve levels are:

- The selection of a-priori loss ratios within the Bornhuetter-Ferguson methods (Note 4).
- The selection of loss development factors.

These factors have been stochastically modelled using various confidence intervals to determine the impact on the net reserves. The net reserves of \$3,888,586,000 were determined at the 50% confidence interval. Had the confidence interval increased/(decreased) by 10%, the net reserves would increase/(decrease) by \$142,000,000/(\$142,000,000).

Development Claim Liabilities

In addition to sensitivity analysis, the development of insurance liabilities provides a measure of the Group's ability to estimate the ultimate value of claims. The table below illustrates how the Group's estimate of the ultimate claims liability for accident years 2012 - 2020 has changed at successive year-ends, up to 2021. Updated unpaid claims and adjustment expenses (UCAE) and claims incurred but not reported (IBNR) estimates in each successive year, as well as amounts paid to date are used to derive the revised amounts for the ultimate claims liability for each accident year, used in the development calculations.

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3. Insurance and Financial Risk Management (Continued)

(a) Insurance risk (continued)

Development Claim Liabilities (continued)

	2012	2013	2013	2014	2014	2015	2015	2016	2016	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021
	& prior	2013	& prior	2014	& prior	2015	& prior	2016	& prior	2017	& prior	2018	& prior	2019	& prior	2020	& prior	2021	& prior
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
2012 UCAE, end of year	2,207,106																		
IBNR, end of year	195,675																		
2013 Paid during year	847,995	697,480	1,545,475																
UCAE, end of year	1,893,097	890,399	2,783,496																
IBNR, end of year	46,126	159,518	205,644																
Ratio: excess (deficiency)	(16.00%)																		
2014 Paid during year	504,022	471,818	975,840	643,916	1,619,756														
UCAE, end of year	1,412,418	594,104	2,006,522	702,245	2,708,767														
IBNR, end of year	21,648	38,244	59,892	155,083	214,975														
Ratio: excess (deficiency)	(15.95%)		(1.78%)																
2015 Paid during year	345,381	135,138	480,519	340,475	820,994	703,166	1,524,160												
UCAE, end of year	931,848	475,134	1,406,982	420,209	1,827,191	761,940	2,589,131												
IBNR, end of year	(17,297)	(252)		37,685	20,136	251,204	271,340												
Ratio: excess (deficiency)	(8.71%)		4.80%		8.74%														
2016 Paid during year	185,161	87,983	273,144	132,745	405,889	430,232	836,121	748,411	1,584,532										
UCAE, end of year	651,585	355,146	1,006,731	326,374	1,333,105	456,452	1,789,557	830,965	2,620,522										
IBNR, end of year	87,285	(2,974)	84,311	(13,925)	70,386	76,001	146,387	132,847	279,234										
Ratio: excess (deficiency)	(9.10%)		5.64%		10.03%		3.09%												
2017 Paid during year	188,022	51,189	239,211	68,162	307,373	142,519	449,892	482,860	932,752	1,050,52	1,983,275								
UCAE, end of year	357,801	277,569	635,370	233,345	868,715	314,020	1,182,735	464,004	1,646,739	1,006,65	2,653,390								
IBNR, end of year	110,359	2,646	113,005	(11,443)	101,562	28,314	129,876	29,172	159,048	162,171	321,219								
Ratio: excess (deficiency)	(5.66%)		9.10%		14.34%		9.15%		5.56%										
2018 Paid during year	63,643	37,444	101,087	46,147	147,234	75,878	223,112	141,871	364,983	869,399	1,234,382	1,185,81	2,420,192						
UCAE, end of year	317,554	203,147	520,701	170,598	691,299	246,500	937,799	362,343	1,300,142	473,878	1,774,020	1,083,95	2,857,977						
IBNR, end of year	96,625	4,322	100,947	(8,078)	92,869	31,317	124,186	(5,208)	118,978	53,171	172,149	252,342	424,491						
Ratio: excess (deficiency)	(6.06%)		9.96%		15.67%		10.12%		6.31%		(6.92%)								
2019 Paid during year	51,767	27,103	78,870	17,880	96,750	49,156	145,906	108,846	254,752	396,216	650,968	781,411	1,432,379	1,262,97	2,695,353				
UCAE, end of year	261,277	126,491	387,768	144,264	532,032	217,887	749,919	318,831	1,068,750	418,547	1,487,297	754,647	2,241,944	579,972	2,821,916				
IBNR, end of year	153,865	21,203	175,068	(20,513)	154,555	22,267	176,822	(26,824)	149,998	(22,106)	127,892	121,824	249,716	199,756	449,472				
Ratio: excess (deficiency)	(8.26%)		9.29%		15.70%		9.74%		4.43%		(17.68%)		(19.55%)						
2020 Paid during year	1,775	61,695	63,470	26,955	90,425	30,884	121,309	35,243	156,552	84,456	241,008	163,473	404,481	806,330	1,210,811	1,095,282	2,306,093		
UCAE, end of year	222,658	102,739	325,397	94,936	420,333	186,270	606,603	268,596	875,199	341,766	1,216,965	511,851	1,728,816	687,394	2,416,210	1,098,202	3,514,412		
IBNR, end of year	7,529	9	7,538	(886)	6,652	(33,105)	(26,453)	(38,854)	(65,307)	(20,735)	(86,042)	25,279	(60,763)	150,679	89,916	628,925	718,841		
Ratio: excess (deficiency)	(0.63%)		14.86%		21.48%		17.62%		13.13%		(9.50%)		(6.78%)		(13.62%)				
2021 Paid during year	23,175	4,805	27,980	13,809	41,789	19,029	60,818	30,082	90,900	66,528	157,428	100,539	257,967	203,973	461,940	754,285	1,216,225	1,209,781	2,426,006
UCAE, end of year	160,964	93,447	254,411	70,149	324,560	109,702	434,262	197,388	631,650	244,803	876,453	351,619	1,228,072	403,516	1,631,588	486,906	2,118,494	1,371,479	3,489,973
IBNR, end of year	551	(770)	(219)	(1,483)	(1,702)	(2,505)	(4,207)	(46,105)	(50,312)	(60,014)	(110,326)	(61,228)	(171,554)	(43,735)	(215,289)	36,169	(179,120)	577,733	398,613
Ratio: excess (deficiency)	1.26%	7.63%	16.55%	16.62%	23.61%	15.62%	20.74%	1.41%	17.88%	(37.01%)	(2.53%)	0.04%	3.99%	(75.71%)	5.57%	26.04%	25.46%		

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3. Insurance and Financial Risk Management (Continued)

(b) Reinsurance risk

To limit its exposure to potential loss on an insurance policy, the insurer may cede certain levels of risk to a reinsurer. The Group selects reinsurers which have established capability to meet their contractual obligations and which generally have high credit ratings. The credit ratings of reinsurers are monitored.

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 retention programmes used by the Group are summarised below:

- The retention limit or maximum exposure on insurance policies under the reinsurance treaties range between \$4,618,000 and \$46,176,000 (2020: \$4,251,000 and \$42,513,000).
- The Group utilises reinsurance treaties to reduce its net retained risk. The risk is spread over several reinsurers all of whom are AM Best or S&P rated at A or better.
- Excess of loss reinsurance is also purchased to cover the retained risk in the event of a catastrophe as well as for large motor losses.
- The amount of reinsurance recoveries recognised during the period is as follows:

	Group	
	2021 \$'000	2020 \$'000
Property	106,595	764,971
Motor	131,312	37,794
Marine	7,712	778
Liability	8,288	28,817
Pecuniary loss	3,606	6,501
Accident	(4,041)	1,095
	253,472	839,956

(c) Financial risk

The Group is exposed to financial risk through its financial assets, reinsurance assets and insurance liabilities. The most important components of this financial risk are credit risk, cash flow risk and market risk (interest rate risk and currency risk).

These risks arise from open positions in interest rate, currency and equity products, all of which are exposed to general and specific market movements. The risks that the Group primarily faces due to the nature of its investments and liabilities are interest rate risk and currency risk. The Group's overall risk management programme focuses on the unpredictability of financial markets and seeks to minimise potential adverse effects on the Group's financial performance.

(i) Credit risk

The Group takes on exposure to credit risk, which is the risk that its customers, clients or counterparties will cause a financial loss for the Group by failing to discharge their contractual obligations. Credit exposures arise principally from the Group's receivables from customers, principals, agents, the amounts due from reinsurers, amounts due from insurance contract holders and insurance brokers, investments, lending activities and loan commitments arising from such lending activities. There is also credit risk in off-statement of financial position financial instruments, such as loan commitments. The Group structures the levels of credit risk it undertakes by placing limits on the amount of risk accepted in relation to a single counterparty or groups of related counterparties and to geographical and industry segments.

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 similar risks to loans and these are mitigated by the same control policies and processes.

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.

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(expressed in Jamaican dollars unless otherwise indicated)

3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Credit review process

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

(a) Trade and other receivables

The Group's exposure to credit risk is influenced mainly by the individual characteristics of each customer. The credit policy states that each customer must be analysed individually for creditworthiness prior to the Group offering them a credit facility. Customers may be required to provide a banker's guarantee and credit limits are assigned to each customer. These limits are reviewed at least twice per year. The Group has procedures in place to restrict customer orders if the order will exceed their credit limits. Customers that fail to meet the Group's benchmark creditworthiness may transact with the Group on a prepayment basis.

Customer credit risks are monitored according to credit characteristics such as whether it is an individual or company, geographic location, industry, ageing profile, and previous financial difficulties. Special negotiated arrangements may extend the credit period to a maximum of 3 months. Trade and other receivables relate mainly to the Group's retail and direct customers. The Group's average credit period for the sale of goods is 1 month.

(b) Loans and leases receivable

The Group assesses the probability of default of individual counterparties using internal ratings. Customers of the Group are segmented into four rating classes. The Group's rating scale, which is shown below, reflects the range of default probabilities defined for each rating class.

Group's internal rating scale:

Group's rating	Description of the grade	
1	Low risk	– Excellent credit history
2	Standard risk	– Generally abides by credit terms
3	Past due	– Late paying with increased credit risk
4	Credit impaired	– Default

Exposure to credit risk is managed in part by obtaining collateral and corporate and personal guarantees. Counterparty limits are established by the use of a credit classification system, which assigns each counterparty a risk rating. Risk ratings are subject to regular revision. The credit quality review process allows the Group to assess the potential loss as a result of the risk to which it is exposed and take corrective action.

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

(c) Reinsurance

Reinsurance is used to manage insurance risk. This does not, however, discharge the Group's liability as primary insurer. If a reinsurer fails to pay a claim for any reason, the Group remains liable for the payment to the policyholder. The creditworthiness of reinsurers is considered on an annual basis by reviewing their financial strength prior to finalisation of any contract. The insurance subsidiaries' Risk and Reinsurance Department assesses the creditworthiness of all reinsurers and intermediaries by reviewing credit grades provided by rating agencies and other publicly available financial information.

(d) Premium and other receivables

The respective credit committees within the Group examine the payment history of significant contract holders with whom they conduct regular business. Management information reported to the Group includes details of provisions for impairment on loans and receivables and subsequent write-offs. Internal Audit makes regular reviews to assess the degree of compliance with the Group procedures on credit. Exposures to individual policyholders and groups of policyholders are collected within the on-going monitoring of the controls associated with regulatory solvency. Where there exists significant exposure to individual policyholders, or homogenous groups of policyholders, a financial analysis is carried out by the insurance subsidiaries' Risk and Reinsurance Department.

(e) Investments

External rating agency credit grades are used to assess credit quality. These published grades are continuously monitored and updated. Default probabilities and recovery rates are assigned as published by the rating agency.

The Group limits its exposure to credit risk arising from investments by adhering to the investment counterparty limits as approved by the ALCOs. Counterparty limits are reviewed and updated periodically.

Impairment of Financial Assets

The Group has four types of financial assets that are subject to the expected credit loss model:

- Trade and premium receivables
- Loans and leases receivable
- Debt investments carried at amortised cost, and
- Debt investments carried at FVOCI.

While cash and cash equivalents are also subject to the impairment requirements of IFRS 9, all bank balances are assessed to have low credit risk at each reporting date as they are held with reputable banking institutions and the identified impairment loss was immaterial.

Trade and premium receivables

The Group applies the IFRS 9 simplified approach to measuring expected credit losses, which uses a lifetime expected loss allowance for these assets.

To measure the expected credit losses, trade receivables have been grouped based on shared credit risk characteristics and the days past due.

The expected loss rates are based on the payment profiles of sales over a period of 36 months and the corresponding historical credit losses experienced within this period. The historical loss rates are adjusted to reflect current and forward-looking information on macroeconomic factors affecting the ability of the customers to settle the receivables. The Group has identified the GDP and the unemployment rate of the countries in which it sells its goods and services to be the most relevant factors, and accordingly adjusts the historical loss rates based on expected changes in these factors.

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Trade and premium receivables (continued)

Maximum exposure to credit risk

The following table contains an analysis of the credit risk exposure of financial instruments for which an ECL allowance is recognised. The gross carrying amount of financial assets below also represents the Group's maximum exposure to credit risk on these assets.

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Standard risk	12,534,430	9,533,952	1,489,766	1,265,937
Past due	3,336,787	3,228,124	120,623	52,270
Credit impaired	948,388	945,193	217,091	212,136
Gross carrying amount	16,819,605	13,707,269	1,827,480	1,530,343
Loss allowance	(797,314)	(830,332)	(88,586)	(96,177)
Carrying amount	16,022,291	12,876,937	1,738,894	1,434,166

Loss allowance

The loss allowance as at 31 December 2021 and 31 December 2020 was determined as follows for trade and premium receivables:

	Group					
	at 31 December 2021			at 31 December 2020		
	Gross carrying amount	Loss allowance	Expected loss rate	Gross carrying amount	Loss allowance	Expected loss rate
	\$'000	\$'000		\$'000	\$'000	
Less than 1 month	9,922,566	98,497	0.99%	7,367,547	75,146	1.02%
Within 1 to 3 months	4,311,296	98,250	2.28%	3,706,649	108,649	2.93%
Over 3 months	2,585,743	600,567	23.23%	2,633,073	646,537	24.55%
	16,819,605	797,314		13,707,269	830,332	

	Company					
	at 31 December 2021			at 31 December 2020		
	Gross carrying amount	Loss allowance	Expected loss rate	Gross carrying amount	Loss allowance	Expected loss rate
	\$'000	\$'000		\$'000	\$'000	
Less than 1 month	1,067,923	1,981	0.19%	903,121	1,590	0.18%
Within 1 to 3 months	562,203	1,599	0.28%	433,853	1,498	0.35%
Over 3 months	197,354	85,006	43.07%	193,369	93,089	48.14%
	1,827,480	88,586		1,530,343	96,177	

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31 December 2021

(expressed in Jamaican dollars unless otherwise indicated)

3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit Risk (continued)

Trade and premium receivables (continued)

Loss allowance (continued)

The movement on the loss allowances for trade and premium receivables is as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At 1 January	830,332	812,469	96,177	92,623
Acquisition of subsidiary	-	87,894	-	-
Movement on loss allowance recognised in income statement during the year	181,592	282,729	33,856	35,640
Receivables written off during the year as uncollectible	(126,087)	(112,659)	(22,335)	(5,817)
Unused amount reversed	(88,523)	(240,101)	(19,112)	(26,269)
At 31 December	797,314	830,332	88,586	96,177

Trade receivables are written off when there is no reasonable expectation of recovery. Indicators that there is no reasonable expectation of recovery include, amongst others, the failure of a debtor to engage in a repayment plan with the Group, failure to make contractual payments for a period greater than two years, and alternative methods of debt collection have been exhausted.

Impairment losses on trade receivables are presented as net impairment losses within operating profit. Subsequent recoveries of amounts previously written off are credited in other income.

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases (including loan commitments and guarantees)

The Group applies the 'three stage' model under IFRS 9 in measuring the expected credit losses on loans and leases, and makes estimations about likelihood of defaults occurring, associated loss ratios, changes in market conditions, and expected future cash flows. This is measured using the Probability of Default (PD), Exposure at Default (EAD) and Loss Given Default (LGD) for a portfolio of assets.

- Probability of Default - This represents the likelihood of a borrower defaulting on its financial obligation either over the next 12 months (12 month PD), or over the remaining lifetime (Lifetime PD) of the obligation.
- Exposure at Default - This represents the expected balance at default, taking into account the repayment of principal and interest from the statement of financial position date to the default event together with any expected drawdowns of committed facilities.
- Loss Given Default – The LGD represents expected losses on the EAD given the event of default, taking into account the mitigating effect of collateral value at the time it is expected to be realised and also the time value of money.

The 'three stage' model is used to categorise financial assets according to credit quality as follows:

- Stage 1 – financial assets that are not credit impaired on initial recognition or are deemed to have low credit risk. These assets generally abide by the contractual credit terms. The ECL is measured using a 12 month PD, which represents the probability that the financial asset will default within the next 12 months.
- Stage 2 – financial assets with a significant increase in credit risk (SICR) since initial recognition, but are not credit impaired. The ECL is measured using a lifetime PD.
- Stage 3 – credit impaired financial assets. The ECL is measured using a lifetime PD.

Transfer between stages

Financial assets can be transferred between the different categories depending on their relative increase in credit risk since initial recognition. Financial instruments are transferred out of stage 2 if their credit risk is no longer considered to be significantly increased since initial recognition. Financial instruments are transferred out of stage 3 when they no longer exhibit any evidence of credit impairment. This assessment is done on a case-by-case basis.

The Group considers forward looking information in determining the PDs of financial assets. Forward looking information having significant impact on the ECL is described in further detail under that heading.

Significant Increase in Credit Risk (SICR)

The Group considers a financial asset to have experienced a significant increase in credit risk when one or more of the following qualitative or backstop criteria have been met:

Qualitative Criteria

- Deterioration in the Borrower's Risk Rating (BRR) below established threshold
- Material misrepresentation or inaccurate warranty
- Failure to comply with provisions of any statute under which the borrower conducts business
- Borrower enters into a scheme of arrangement
- Actual or expected restructuring
- Previous arrears in excess of 60 days within the last six months
- Early signs of cash flow/liquidity problems
- Expected significant adverse change in operating results of the borrower

However, the assessment of significant increase in credit risk and the above criteria will differ for different types of lending arrangements.

Loan commitments are assessed along with the category of loan the Group is committed to provide.

The assessment of SICR is performed for individual loans, taking into consideration the sector grouping of the individual exposures, and incorporates forward-looking information. This assessment is performed on a quarterly basis.

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases (continued)

Significant Increase in Credit Risk (continued)

Backstop

Irrespective of the above qualitative assessment, the Group presumes that the credit risk on a financial asset has increased significantly since initial recognition when contractual payments are more than 30 days past due. The Group has monitoring procedures in place to assess whether the criteria used to identify SICR continues to be appropriate.

The Group utilised the low credit risk exemption for financial assets.

Credit Impaired Assets

The Group defines a financial instrument as credit impaired, when it meets one or more of the following criteria:

Quantitative criteria

The borrower is more than 90 days past due on its contractual payments.

Qualitative criteria

The borrower meets unlikelihood to pay criteria as outlined below, which indicates the borrower is in significant financial difficulty:

- Cash flow difficulties experienced by the borrower (e.g. equity ratio, net income percentage of sales);
- Breach of loan covenants or conditions;
- Initiation of bankruptcy proceedings;
- Deterioration of the borrower's competitive position; and
- Concessions have been made by the lender relating to the borrower's financial difficulty.

The criteria above have been applied to all financial instruments held by the Group and are consistent with the definition of 'credit impaired' used for internal credit risk management purposes.

Measuring the ECL – Inputs, Assumptions and Estimation Techniques

The ECL is determined by projecting the PD, LGD, and EAD, which are multiplied together and discounted back to the reporting date. The discount rate used in the ECL calculation is the original effective interest rate or an approximation thereof.

The 12 month PD is calculated by observing the rate of historical default within the first year of a portfolio of loans, and adjusted for the expected impact of forward looking economic information.

The lifetime PD is calculated by observing the rate of historical default over the life of a portfolio of loans, and adjusted for the impact of forward looking economic information.

The EAD for amortising and bullet repayment loans is based on the contractual repayments over a 12 month or lifetime basis.

The EAD for revolving products, such as credit cards, revolving loans and overdrafts is estimated by taking the current drawn balance and the expected drawdown of the remaining limit by the time of default. These assumptions vary by product type and current limit utilization band, based on analysis of the Group's recent default data.

The 12-month and lifetime LGDs are determined based on the factors which impact the recoveries made post default. These vary by product type. For secured products, this is primarily based on collateral type and projected collateral values, historical discounts to market/book values due to forced sales, time to repossession and recovery costs observed.

Forward looking economic information is also included in determining the 12-month and lifetime EAD and LGD.

Forward Looking Information

The assessment of SICR and the calculation of ECL both incorporate forward-looking information that is available without undue cost or effort. The Group uses external information including economic data and forecasts published by governmental bodies and the central bank. The information published however does not cover the Group's credit risk exposure period and judgement was applied when incorporating these forecasts into our models. The Group started with historical data of approximately 3 years in which a relationship between macro-economic indicators and default rates was developed. Judgement was applied in cases where a strong relationship between these key economic variables and expected credit losses was not identified based on the historical data used.

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases (continued)

Forward Looking Information (continued)

These economic variables and their associated impact on the PD, EAD and LGD vary by financial asset. Forecasts of these economic variables are reviewed on a quarterly basis. The impact of these economic variables on the PD, EAD and LGD has been determined by performing statistical regression analysis to understand the impact changes in these variables have had historically on default rates and on the components of LGD and EAD.

In addition to the base economic scenario, the Group also assesses other possible scenarios along with scenario weightings. The Group uses a total of three scenarios for each portfolio of loans (base, upside, downside). The scenario weightings are determined using judgment. The base case is the single most-likely expected outcome. The Group measures ECL as a probability weighted ECL.

As with any economic forecasts, the projections and likelihoods of occurrence are subject to a high degree of inherent uncertainty and therefore the actual outcomes may be significantly different to those projected. The Group considers these forecasts to represent its best estimate of the possible outcomes and has analysed the non-linearities and asymmetries within the Group's different portfolios to establish that the chosen scenarios are appropriately representative of the range of possible scenarios.

The most significant period end assumptions used in determining the ECL as at the reporting date are set out below.

Economic factor	Scenarios	Range
Gross Domestic Product (GDP)	Base	-10% to 0.6%
	Upside	-8% to 2.6%
	Downside	-12% to -1.4%
Unemployment Rate	Base	7% to 14%
	Upside	5% to 12%
	Downside	9% to 16%

The underlying models and their calibration, including how they react to forward-looking economic conditions was based on how the relationship of the Group's existing portfolio to these variables and remains subject to review and refinement as the Group builds data

Other forward-looking considerations not otherwise incorporated within the above scenarios, such as the impact of any regulatory, legislative or political changes, have also been considered, but are not deemed to have a material impact and therefore no adjustment has been made to the ECL for such factors. This is reviewed and monitored for appropriateness on a quarterly basis.

Sensitivity Analysis

Forward looking indicators having the most significant impact on the ECL are GDP growth and unemployment rate. Set out below are the changes to the ECL as at 31 December 2021 that would result from reasonably possible changes in these parameters from the actual assumptions used in the Group's economic variable assumptions.

Forward Looking Indicator	Change in basis points:	Effect on ECL \$'000	Forward Looking Indicator	Change in basis points:	Effect on ECL \$'000
GDP growth	+ 100bp	9,403	Unemployment rate	+ 100bp	(72)
GDP growth	- 100bp	(9,403)	Unemployment rate	- 100bp	72

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases (continued)

Portfolio Segmentation

Expected credit loss provisions are modelled on a collective basis, by grouping exposures on the basis of shared risk characteristics, such that risk exposures within a group are homogeneous. In performing this grouping, there must be sufficient information for the group to be statistically credible. Where sufficient information is not available internally, the Group has considered benchmarking internal/external supplementary data to use for modelling purposes.

Exposures are grouped according to product type (term loans, overdrafts, credit cards, revolvers, guarantees and loan commitments) and industry (for example, manufacturing and distribution, tourism, personal loans).

The appropriateness of groupings is monitored and reviewed on a periodic basis by the Credit Risk team.

Stage 3 loans are assessed on an individual basis for impairment.

Maximum Exposure to Credit Risk

The Group measures ECL considering the risk of default over the maximum contractual period (including extension options) over which it is exposed to credit risk and not a longer period, even if contract extension or renewal is common business practice. However, for financial assets such as credit cards, revolving credit facilities and overdraft facilities that include both a loan and an undrawn commitment component, the Group's contractual ability to demand repayment and cancel the undrawn commitment does not limit the Group's exposure to credit losses to the contractual notice period. For such financial assets the Group measures ECL over the period that it is exposed to the credit risk and ECL would not be mitigated by credit risk management actions, even if that period extends beyond the maximum contractual period. These financial assets do not have a fixed term or repayment structure and have a short contractual cancellation period. However, the Group does not enforce in the normal day-to-day management the contractual right to cancel these financial assets. This is because these financial assets are managed on a collective basis and are canceled only when the Group becomes aware of an increase in credit risk at the facility level. This longer period is estimated taking into account the credit risk management actions that the Group expects to take to mitigate ECL.

The gross carrying amount of financial assets below also represents the Group's maximum exposure to credit risk on these assets.

The following table contains an analysis of the credit risk exposure of financial instruments for which an ECL allowance is recognised. The gross carrying amount of financial assets below also represents the Group's maximum exposure to credit risk on these assets.

	Group			
	2021			
	Stage 1	Stage 2	Stage 3	Total
	12-month ECL	Lifetime ECL	Lifetime ECL	
	\$'000	\$'000	\$'000	\$'000
Low risk	11,748	-	-	11,748
Standard risk	21,488,099	8,148,881	-	29,636,980
Past due	1,937,821	1,956,726	-	3,894,547
Credit impaired	-	-	1,345,995	1,345,995
Gross carrying amount	23,437,668	10,105,607	1,345,995	34,889,270
Loss allowance	(323,571)	(575,698)	(667,511)	(1,566,780)
Carrying amount	23,114,097	9,529,909	678,484	33,322,490

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and leases (continued)

	Group			
	2020			
	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL	Total
	\$'000	\$'000	\$'000	\$'000
Low risk	10,735	-	-	10,735
Standard risk	20,093,197	7,125,653	-	27,218,850
Past due	2,146,659	2,077,650	-	4,224,309
Credit impaired	-	-	1,130,735	1,130,735
Gross carrying amount	22,250,591	9,203,303	1,130,735	32,584,629
Loss allowance	(312,239)	(399,579)	(622,480)	(1,334,298)
Carrying amount	21,938,352	8,803,724	508,255	31,250,331

Collateral and other credit enhancements

The Group employs a range of policies and practices to mitigate credit risk. The most common of these is accepting collateral for funds advanced. The Group has internal policies on the acceptability of specific classes of collateral or credit risk mitigation.

The Group prepares a valuation of the collateral obtained as part of the loan origination process. This assessment is reviewed periodically. The principal collateral types for loans and advances are:

- Mortgages over residential and commercial properties
- Charges over business assets such as premises, inventory and accounts receivable
- Charges and hypothecations over deposit balances and financial instruments such as debt securities and equities

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases (continued)

Collateral and other credit enhancements (continued)

The Group also obtains guarantees from parent companies for loans to their subsidiaries and from individual owners for loans to their companies.

Collateral held as security for financial assets other than loans and advances depends on the nature of the instrument. Debt securities, treasury and other eligible bills are generally unsecured, with the exception of reverse repurchase agreements which are secured by portfolios of financial instruments.

The Group's policies regarding obtaining collateral have not significantly changed during the reporting period and there has been no significant change in the overall quality of the collateral held by the Group since the prior period. Management monitors the market value of collateral, requests additional collateral in accordance with the underlying agreement, and monitors the market value of collateral held during its annual reviews of individual credit facilities as well as during its review of the adequacy of the provision for credit losses.

The fair value of collateral held in respect of credit impaired financial assets is \$1,450,519,000 (2020: \$1,193,639,000).

Loss Allowance

The loss allowance recognised in the period is impacted by a variety of factors. The following tables explain the changes in the loss allowance between the beginning and the end of the annual period due to these factors:

	Group			
	2021			
	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL	Total
	\$'000	\$'000	\$'000	\$'000
At 1 January	312,239	399,579	622,480	1,334,298
Movements with income statement impact:				
Transfers:				
Transfer from Stage 1 to Stage 2	(12,365)	40,919	-	28,554
Transfer from Stage 1 to Stage 3	(20)	-	1,202	1,182
Transfer from Stage 2 to Stage 1	1,539	(3,417)	-	(1,878)
Transfer from Stage 2 to Stage 3	-	(6,490)	34,913	28,423
New financial assets originated	84,667	10,880	-	95,547
Changes in PDs/LGDs/EADs	(2,869)	154,253	27,577	178,961
Financial assets derecognised during the period	(59,620)	(20,026)	(18,661)	(98,307)
Total net income statement charge	11,332	176,119	45,031	232,482
At 31 December	323,571	575,698	667,511	1,566,780

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases (continued)

	Group			
	2020			
	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL	Total
	\$'000	\$'000	\$'000	\$'000
At 1 January	272,128	391,899	443,943	1,107,970
Movements with income statement impact:				
Transfers:				
Transfer from Stage 1 to Stage 2	(19,134)	114,258	-	95,124
Transfer from Stage 1 to Stage 3	(1,363)	-	23,962	22,599
Transfer from Stage 2 to Stage 1	865	(1,595)	-	(730)
Transfer from Stage 2 to Stage 3	-	(3,664)	24,900	21,236
New financial assets originated	64,764	9,671	-	74,435
Changes in PDs/LGDs/EADs	42,830	(84,756)	147,569	105,643
Financial assets derecognised during the period	(44,465)	(26,234)	(36,556)	(107,255)
Total net income statement charge	43,497	7,680	159,875	211,052
Other movements:				
Write-offs	(3,386)	-	18,662	15,276
At 31 December	312,239	399,579	622,480	1,334,298

Loans and leases are written off, in whole or in part, when the Group has exhausted all practical recovery efforts and has concluded there is no reasonable expectation of recovery. Indicators that there is no reasonable expectation of recovery include ceasing enforcement activity, and where the Group's recovery method is foreclosing on collateral, and the value of the collateral is such that there is no reasonable expectation of recovering in full.

The Group may write off account balances that are still subject the enforcement activity, based on a reasonable expectation of amounts recoverable. The outstanding contractual amounts of such assets written off during the year was \$Nil (2020: \$15,276,000).

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Loans and Leases, Premium and Trade receivables

The following table summarises the Group's and company's credit exposure for loans and leases, premium and trade receivables at their carrying amounts, as categorised by the customer sector:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Public sector	104,748	114,965	-	-
Professional and other services	4,624,059	5,600,043	-	-
Personal	14,190,957	13,257,183	58,216	67,919
Agriculture, fishing and mining	1,867,454	1,502,262	-	-
Construction and real estate	2,429,945	1,640,707	-	-
Electricity, gas and water	2,235,419	2,388,667	-	-
Distribution	3,564,614	3,481,333	642,679	1,014,338
Manufacturing	3,239,019	1,990,515	1,601,258	1,200,000
Transportation	1,327,257	1,477,383	-	-
Tourism and entertainment	2,412,406	2,333,165	208,410	157,396
Financial and other money services	2,268,594	1,625,038	638,310	191,349
Brokers and agents	2,298,752	1,820,169	-	-
Reinsurers and coinsurers	2,155,757	1,143,344	-	-
Supermarket chains	3,580,723	2,822,490	497,627	390,184
Wholesalers	1,556,316	1,435,406	462,154	348,413
Retail and direct customers	2,421,589	1,938,264	496,589	444,668
Other	1,064,499	1,315,375	159,889	181,110
	51,342,108	45,886,309	4,765,132	3,995,377
Loss allowance	(2,364,094)	(2,164,630)	(88,586)	(96,177)
	48,978,014	43,721,679	4,676,546	3,899,200
Interest receivable	366,767	405,589	9,485	4,931
	49,344,781	44,127,268	4,686,031	3,904,131

GraceKennedy Limited

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(expressed in Jamaican dollars unless otherwise indicated)

3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Debt Investments

The Group uses external credit ratings as published by established rating agencies in its assessment of the probability of default on debt investments. The PDs and LGDs for government and corporate bonds have been developed by the rating agencies based on statistics on the default, loss and rating transition experience of government and corporate bond issuers. The loss allowance on debt investments carried at amortised cost and FVOCI is measured using lifetime PDs. The credit ratings and associated PDs are reviewed and updated on quarterly basis.

Based on available credit ratings for sovereign and corporate debts, the debt securities were classified in stage 2 as they were below investment grade as defined by reputable rating agencies.

Maximum exposure to credit risk

The following table summarises the Group's and company's credit exposure for debt investments at their carrying amounts, as categorised by issuer:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Government of Jamaica:				
At amortised cost	9,757,313	8,395,924	3,106,876	2,679,904
At fair value through other comprehensive income	7,572,896	6,798,108	-	-
Corporate:				
At amortised cost	10,612,752	9,674,162	3,097,321	2,614,007
At fair value through other comprehensive income	1,797,204	1,955,862	-	-
Other government:				
At amortised cost	246,094	350,421	-	-
At fair value through other comprehensive income	701,938	746,906	-	-
Bank of Jamaica	9,218,584	7,420,809	-	-
Other	7,976,383	4,069,935	1,823,941	1,505,764
	47,883,164	39,412,127	8,028,138	6,799,675

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(i) Credit risk (continued)

Debt Investments (continued)

Debt investments at amortised cost

The movement on the loss allowance is as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At 1 January	216,757	200,465	51,878	47,913
Loss allowance recognised in income statement	20,490	16,292	-	3,965
Unused amounts reversed	(4,503)	-	(4,879)	-
At 31 December	232,744	216,757	46,999	51,878

Debt investments at FVOCI

The loss allowance for debt investments at FVOCI is recognised in profit or loss and reduces the fair value loss otherwise recognised in OCI.

The movement on the loss allowance is as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At 1 January	96,770	88,128	-	-
Loss allowance recognised in income statement	6,933	8,642	-	-
At 31 December	103,703	96,770	-	-

GraceKennedy Limited

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(expressed in Jamaican dollars unless otherwise indicated)

3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(ii) Liquidity risk

Liquidity risk is the risk that the Group is unable to meet its payment obligations associated with its financial liabilities when they fall due and to replace funds when they are withdrawn. The consequence may be the failure to meet obligations to repay depositors and fulfil commitments to lend.

Liquidity risk management process

The Group's liquidity management process, as carried out within the Group through the ALCOs and treasury departments, includes:

- (i) Monitoring future cash flows and liquidity on a daily basis. This incorporates an assessment of expected cash flows and the availability of high grade collateral which could be used to secure funding if required.
- (ii) Maintaining a portfolio of highly marketable and diverse assets that can easily be liquidated as protection against any unforeseen interruption to cash flow;
- (iii) Maintaining committed lines of credit;
- (iv) Optimising cash returns on investment;
- (v) Monitoring statement of financial position liquidity ratios against internal and regulatory requirements. The most important of these is to maintain limits on the ratio of net liquid assets to customer liabilities;
- (vi) Managing the concentration and profile of debt maturities.

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 and controlled mismatching of the maturities and interest rates of assets and liabilities are fundamental to the management of the Group. 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.

GraceKennedy Limited

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(expressed in Jamaican dollars unless otherwise indicated)

3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(ii) Liquidity risk (continued)

Financial liabilities cash flows

The table below presents the undiscounted cash flows payable (both interest and principal cash flows) of the Group's and company's financial liabilities based on contractual repayment obligations. The Group expects that many customers will not request repayment on the earliest date the Group could be required to pay.

	Group				
	1 to 3 Months	3 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000
As at 31 December 2021:					
Deposits	38,893,796	9,342,652	32,271	-	48,268,719
Securities sold under agreements to repurchase	3,395,751	3,890,313	-	-	7,286,064
Bank and other loans	7,387,051	6,480,573	10,833,027	6,990,254	31,690,905
Trade and other payables	29,141,539	1,876,286	-	-	31,017,825
Total financial liabilities					
(contractual dates)	78,818,137	21,589,824	10,865,298	6,990,254	118,263,513

	Group				
	1 to 3 Months	3 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000
As at 31 December 2020:					
Deposits	36,327,626	5,405,511	12,387	-	41,745,524
Securities sold under agreements to repurchase	2,614,192	2,355,741	-	-	4,969,933
Bank and other loans	6,024,408	6,492,860	12,281,757	5,207,685	30,006,710
Trade and other payables	16,079,621	7,776,787	-	-	23,856,408
Total financial liabilities					
(contractual dates)	61,045,847	22,030,899	12,294,144	5,207,685	100,578,575

GraceKennedy Limited

Notes to the Financial Statements

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(expressed in Jamaican dollars unless otherwise indicated)

3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(ii) Liquidity risk (continued)

Financial liabilities cash flows (continued)

	Company				
	1 to 3 Months	3 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000
As at 31 December 2021:					
Bank and other loans	3,141,225	2,398,361	2,821,606	3,608,731	11,969,923
Trade and other payables	4,073,741	-	-	-	4,073,741
Subsidiaries	3,587,877	-	-	-	3,587,877
Total financial liabilities (contractual dates)	10,802,843	2,398,361	2,821,606	3,608,731	19,631,541

	Company				
	1 to 3 Months	3 to 12 Months	1 to 5 Years	Over 5 Years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000
As at 31 December 2020:					
Bank and other loans	1,983,708	2,567,532	1,520,422	2,909,003	8,980,663
Trade and other payables	3,097,157	-	-	-	3,097,157
Subsidiaries	4,337,422	-	-	-	4,337,422
Total financial liabilities (contractual dates)	9,418,287	2,567,532	1,520,422	2,909,003	16,415,244

The 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. The Group and the company have the following undrawn committed borrowing facilities:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Floating rate –				
Expiring within one year	11,051,803	13,681,403	4,849,684	5,346,658

The facilities expiring within one year are annual facilities subject to review at various dates during the subsequent year. The other facilities have been arranged to help finance the Group's activities.

GraceKennedy Limited

Notes to the Financial Statements

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(ii) Liquidity risk (continued)

Off-statement of financial position items

The table below shows the contractual expiry periods of the Group's contingent liabilities and commitments.

	Group			
	No Later Than 1 Year \$'000	1 to 5 Years \$'000	Over 5 Years \$'000	Total \$'000
As at 31 December 2021:				
Loan commitments	1,855,705	-	-	1,855,705
Guarantees, acceptances and other financial facilities	209,379	-	-	209,379
Capital commitments	372,170	-	-	372,170
	2,437,254	-	-	2,437,254
As at 31 December 2020:				
Loan commitments	1,118,227	-	-	1,118,227
Guarantees, acceptances and other financial facilities	187,650	-	-	187,650
Capital commitments	267,595	-	-	267,595
	1,573,472	-	-	1,573,472

(iii) Market risk

The Group takes on exposure to market risk, which is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risks mainly arise from changes in foreign currency exchange rates and interest rates. Market risk is monitored by the research and treasury departments which carry out extensive research and monitor the price movement of financial assets on the local and international markets. Market risk exposures are measured using sensitivity analysis.

Currency risk

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

The Group operates internationally and is exposed to foreign exchange risk arising from various currency exposures, primarily with respect to the US dollar, the Canadian dollar, UK pound and the Euro.

Foreign exchange risk arises from future commercial transactions, recognised assets and liabilities and net investments in foreign operations.

The Group manages its foreign exchange risk by ensuring that the net exposure in foreign assets and liabilities is kept to an acceptable level by monitoring currency positions. The Group further manages this risk by maximising foreign currency earnings and holding foreign currency balances.

The Group has certain investments in foreign operations, whose net assets are exposed to foreign currency translation risk. Currency exposure arising from the net assets of the Group's foreign operations is managed primarily through borrowings denominated in the relevant foreign currencies.

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

Currency risk (continued)

Concentrations of currency risk

The table below summarises the Group and company exposure to foreign currency exchange rate risk at 31 December.

	Group						
	Jamaican\$ J\$'000	US\$ J\$'000	GBP J\$'000	CAN\$ J\$'000	EURO J\$'000	Other J\$'000	Total J\$'000
As at 31 December 2021:							
Financial Assets							
Cash and deposits	19,273,206	6,762,295	319,684	131,570	106,695	3,443,231	30,036,681
Investment securities and pledged assets	18,541,021	30,172,044	44,874	20,043	-	1,062,786	49,840,768
Trade and other receivables	7,604,662	4,556,294	2,016,898	780,562	90,900	972,975	16,022,291
Loans receivable	28,052,879	5,259,682	-	-	-	9,929	33,322,490
Total financial assets	73,471,768	46,750,315	2,381,456	932,175	197,595	5,488,921	129,222,230
Financial Liabilities							
Deposits	24,781,240	22,818,283	297,088	129,037	118,278	-	48,143,926
Securities sold under agreements to repurchase	3,343,312	3,906,253	-	-	-	-	7,249,565
Bank and other loans	18,279,598	7,042,430	1,730,216	671,390	-	264,884	27,988,518
Trade and other payables	15,279,227	11,802,698	1,701,340	762,618	341,615	1,130,327	31,017,825
Total financial liabilities	61,683,377	45,569,664	3,728,644	1,563,045	459,893	1,395,211	114,399,834
Net financial position	11,788,391	1,180,651	(1,347,188)	(630,870)	(262,298)	4,093,710	14,822,396

	Group						
	Jamaican\$ J\$'000	US\$ J\$'000	GBP J\$'000	CAN\$ J\$'000	EURO J\$'000	Other J\$'000	Total J\$'000
As at 31 December 2020:							
Financial Assets							
Cash and deposits	15,017,714	6,071,275	255,973	86,795	64,343	2,835,006	24,331,106
Investment securities and pledged assets	14,116,035	26,543,603	34,855	13,977	-	415,865	41,124,335
Trade and other receivables	5,235,257	4,102,835	1,659,900	813,607	176,181	889,157	12,876,937
Loans receivable	26,040,041	5,200,956	-	-	-	9,334	31,250,331
Total financial assets	60,409,047	41,918,669	1,950,728	914,379	240,524	4,149,362	109,582,709
Financial Liabilities							
Deposits	22,509,687	18,687,904	249,516	98,790	65,323	-	41,611,220
Securities sold under agreements to repurchase	1,099,535	3,868,948	-	-	-	-	4,968,483
Bank and other loans	15,134,644	7,642,497	1,609,039	541,709	-	305,819	25,233,708
Trade and other payables	12,870,182	6,888,393	1,458,899	833,961	747,336	1,057,637	23,856,408
Total financial liabilities	51,614,048	37,087,742	3,317,454	1,474,460	812,659	1,363,456	95,669,819
Net financial position	8,794,999	4,830,927	(1,366,726)	(560,081)	(572,135)	2,785,906	13,912,890

GraceKennedy Limited

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31 December 2021

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

Currency risk (continued)

Concentrations of currency risk (continued)

	Company						
	Jamaican\$ J\$'000	US\$ J\$'000	GBP J\$'000	CAN\$ J\$'000	EURO J\$'000	Other J\$'000	Total J\$'000
As at 31 December 2021:							
Financial Assets							
Cash and deposits	3,111,348	88,664	-	-	-	-	3,200,012
Investment securities	2,744,434	5,420,717	-	-	-	-	8,165,151
Trade and other receivables	1,704,549	34,345	-	-	-	-	1,738,894
Subsidiaries	1,258,226	458,657	-	-	-	-	1,716,883
Loans receivable	2,224,246	722,891	-	-	-	-	2,947,137
Total financial assets	11,042,803	6,725,274	-	-	-	-	17,768,077
Financial Liabilities							
Bank and other loans	9,177,251	1,900,217	-	-	-	-	11,077,468
Trade and other payables	2,380,955	1,689,179	-	-	3,607	-	4,073,741
Subsidiaries	3,424,487	88,911	67,995	6,484	-	-	3,587,877
Total financial liabilities	14,982,693	3,678,307	67,995	6,484	3,607	-	18,739,086
Net financial position	(3,939,890)	3,046,967	(67,995)	(6,484)	(3,607)	-	(971,009)

	Company						
	Jamaican\$ J\$'000	US\$ J\$'000	GBP J\$'000	CAN\$ J\$'000	EURO J\$'000	Other J\$'000	Total J\$'000
As at 31 December 2020:							
Financial Assets							
Cash and deposits	5,056,419	347,394	-	-	-	-	5,403,813
Investment securities	1,849,093	5,029,023	-	-	-	-	6,878,116
Trade and other receivables	1,416,666	17,500	-	-	-	-	1,434,166
Subsidiaries	938,191	485,162	248	642	-	-	1,424,243
Loans receivable	2,307,200	162,765	-	-	-	-	2,469,965
Total financial assets	11,567,569	6,041,844	248	642	-	-	17,610,303
Financial Liabilities							
Bank and other loans	6,675,468	2,000,394	-	-	-	-	8,675,862
Trade and other payables	2,511,477	585,306	-	12	362	-	3,097,157
Subsidiaries	4,217,860	57,424	61,880	258	-	-	4,337,422
Total financial liabilities	13,404,805	2,643,124	61,880	270	362	-	16,110,441
Net financial position	(1,837,236)	3,398,720	(61,632)	372	(362)	-	1,499,862

GraceKennedy Limited

Notes to the Financial Statements

31 December 2021

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

Currency risk (continued)

Foreign currency sensitivity

The following tables indicate the currencies to which the Group and company had significant exposure 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 changes in carrying amounts of outstanding foreign currency denominated monetary items and adjusts their translation at the year-end for a 8% increase (2020: 6%) and a 2% decrease (2020: 2%) in foreign currency rates to arrive at the corresponding impact on profit. The sensitivity analysis includes cash and deposits, investment securities, receivables, loans receivable, deposits, securities sold under agreements to repurchase, bank and other loans, and payables. 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 variables, variables had to be assessed on an individual basis.

Group				
	% Change in Currency Rate	Effect on Profit before Taxation 2021 \$'000	% Change in Currency Rate	Effect on Profit before Taxation 2020 \$'000
	2021		2020	
Currency:				
USD	+8%	239,112	+6%	444,549
GBP	+8%	3,035	+6%	1,924
CAN	+8%	1,016	+6%	(360)
EURO	+8%	(8,756)	+6%	(367)
USD	-2%	(59,778)	-2%	(148,183)
GBP	-2%	(759)	-2%	(641)
CAN	-2%	(254)	-2%	120
EURO	-2%	2,189	-2%	122
Company				
	% Change in Currency Rate	Effect on Profit before Taxation 2021 \$'000	% Change in Currency Rate	Effect on Profit before Taxation 2020 \$'000
	2021		2020	
Currency:				
USD	+8%	249,320	+6%	207,122
GBP	+8%	(5,440)	+6%	(3,697)
CAN	+8%	(519)	+6%	22
EURO	+8%	(279)	+6%	(21)
USD	-2%	(62,330)	-2%	(69,041)
GBP	-2%	1,360	-2%	1,232
CAN	-2%	130	-2%	(7)
EURO	-2%	70	-2%	7

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

Interest rate risk

Interest rate risk is the risk that the value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates.

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

The Group manages interest rate risk by maintaining an appropriate mix of fixed and variable rate instruments and also manages the maturities of interest bearing financial assets and liabilities. The respective boards within the Group set limits on the level of mismatch of interest rate repricing that may be undertaken, which is monitored by the ALCOs and Investment Committees.

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

	Group						
	Within 1 Month \$'000	1 to 3 Months \$'000	3 to 12 Months \$'000	1 to 5 Years \$'000	Over 5 Years \$'000	Non-rate Sensitive \$'000	Total \$'000
At 31 December 2021:							
Assets							
Cash and deposits	14,277,752	3,485,838	-	-	-	12,273,091	30,036,681
Investment securities and pledged assets	6,585,318	3,877,073	5,638,374	19,142,475	7,814,537	6,782,991	49,840,768
Loans receivable	2,772,372	1,490,374	1,777,035	10,119,237	17,086,946	76,526	33,322,490
Trade and other receivables	-	-	-	-	-	16,022,291	16,022,291
Total financial assets	23,635,442	8,853,285	7,415,409	29,261,712	24,901,483	35,154,899	129,222,230
Liabilities							
Deposits	32,832,115	5,967,999	9,313,205	30,607	-	-	48,143,926
Securities sold under agreements to repurchase	3,074,709	295,058	3,879,798	-	-	-	7,249,565
Bank loans	3,854,649	6,893,968	3,785,482	5,046,716	8,407,703	-	27,988,518
Trade payables	-	-	-	-	-	31,017,825	31,017,825
Total financial liabilities	39,761,473	13,157,025	16,978,485	5,077,323	8,407,703	31,017,825	114,399,834
Total interest repricing gap	(16,126,031)	(4,303,740)	(9,563,076)	24,184,389	16,493,780	4,137,074	14,822,396

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

Interest rate risk (continued)

	Group						
	Within 1 Month \$'000	1 to 3 Months \$'000	3 to 12 Months \$'000	1 to 5 Years \$'000	Over 5 Years \$'000	Non-rate Sensitive \$'000	Total \$'000
At 31 December 2020:							
Assets							
Cash and deposits	11,262,109	3,761,664	-	-	-	9,307,333	24,331,106
Investment securities and pledged assets	1,907,663	3,184,537	4,332,947	16,766,212	8,913,518	6,019,458	41,124,335
Loans receivable	2,628,419	667,792	957,042	10,926,520	15,985,836	84,722	31,250,331
Trade and other receivables	-	-	-	-	-	12,876,937	12,876,937
Total financial assets	15,798,191	7,613,993	5,289,989	27,692,732	24,899,354	28,288,450	109,582,709
Liabilities							
Deposits	29,256,079	6,995,515	5,347,287	12,339	-	-	41,611,220
Securities sold under agreements to repurchase	1,066,533	1,546,242	2,355,708	-	-	-	4,968,483
Bank loans	2,097,678	2,992,482	6,417,951	4,972,744	8,752,853	-	25,233,708
Trade payables	-	-	-	-	-	23,856,408	23,856,408
Total financial liabilities	32,420,290	11,534,239	14,120,946	4,985,083	8,752,853	23,856,408	95,669,819
Total interest repricing gap	(16,622,099)	(3,920,246)	(8,830,957)	22,707,649	16,146,501	4,432,042	13,912,890

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Notes to the Financial Statements

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

Interest rate risk (continued)

	Company						
	Within 1 Month \$'000	1 to 3 Months \$'000	3 to 12 Months \$'000	1 to 5 Years \$'000	Over 5 Years \$'000	Non-rate Sensitive \$'000	Total \$'000
At 31 December 2021:							
Assets							
Cash and deposits	-	2,041,014	-	-	-	1,158,998	3,200,012
Investment securities	-	2,140,994	2,533,594	1,241,476	1,948,909	300,178	8,165,151
Loans receivable	-	76,961	2,110,332	345,823	-	414,021	2,947,137
Trade and other receivables	-	-	-	-	-	1,738,894	1,738,894
Subsidiaries	-	-	-	-	-	1,716,883	1,716,883
Total financial assets	-	4,258,969	4,643,926	1,587,299	1,948,909	5,328,974	17,768,077
Liabilities							
Bank loans	2,758,098	4,834,560	774,354	-	2,710,456	-	11,077,468
Trade payables	-	-	-	-	-	4,073,741	4,073,741
Subsidiaries	-	-	-	-	-	3,587,877	3,587,877
Total financial liabilities	2,758,098	4,834,560	774,354	-	2,710,456	7,661,618	18,739,086
Total interest repricing gap	(2,758,098)	(575,591)	3,869,572	1,587,299	(761,547)	(2,332,644)	(971,009)

	Company						
	Within 1 Month \$'000	1 to 3 Months \$'000	3 to 12 Months \$'000	1 to 5 Years \$'000	Over 5 Years \$'000	Non-rate Sensitive \$'000	Total \$'000
At 31 December 2020:							
Assets							
Cash and deposits	703,479	2,541,843	-	-	-	2,158,491	5,403,813
Investment securities	-	1,288,379	1,463,942	2,703,540	1,220,964	201,291	6,878,116
Loans receivable	-	68,334	2,328,780	-	-	72,851	2,469,965
Trade and other receivables	-	-	-	-	-	1,434,166	1,434,166
Subsidiaries	-	-	-	-	-	1,424,243	1,424,243
Total financial assets	703,479	3,898,556	3,792,722	2,703,540	1,220,964	5,291,042	17,610,303
Liabilities							
Bank loans	1,111,063	1,869,000	2,787,922	-	2,907,877	-	8,675,862
Trade payables	-	-	-	-	-	3,097,157	3,097,157
Subsidiaries	-	-	-	-	-	4,337,422	4,337,422
Total financial liabilities	1,111,063	1,869,000	2,787,922	-	2,907,877	7,434,579	16,110,441
Total interest repricing gap	(407,584)	2,029,556	1,004,800	2,703,540	(1,686,913)	(2,143,537)	1,499,862

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3. Insurance and Financial Risk Management (Continued)

(c) Financial risk (continued)

(iii) Market risk (continued)

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 Group's and company's income statement and equity.

The Group's interest rate risk arises from investment securities, loans receivable, customers' deposits, securities sold under repurchase agreements and borrowings. The sensitivity of the profit or loss is the effect of the assumed changes in interest rates on net income based on floating rate financial assets and floating rate liabilities. The sensitivity of equity is calculated by revaluing fixed rate FVOCI financial assets for the effects of the assumed changes in interest rates combined with the effect on net profit. The correlation of variables will have a significant effect in determining the ultimate impact on market risk, but to demonstrate the impact, each variable has to be evaluated on an individual basis.

Group					
Change in basis points: 2021	Effect on Profit before Taxation 2021	Effect on Other Components of Equity 2021	Change in basis points: 2020	Effect on Profit before Taxation 2020	Effect on Other Components of Equity 2020
JMD / USD	\$'000	\$'000	JMD / USD	\$'000	\$'000
-50 / -100	248,656	(147,122)	-100 / -100	168,978	490,976
+300 / 100	(208,366)	269,829	+100 / +100	(168,978)	(515,954)

Company					
Change in basis points: 2021	Effect on Profit before Taxation 2021	Effect on Other Components of Equity 2021	Change in basis points: 2020	Effect on Profit before Taxation 2020	Effect on Other Components of Equity 2020
JMD / USD	\$'000	\$'000	JMD / USD	\$'000	\$'000
-50 / -100	2,652	-	-100 / -100	345	-
+300 / 100	(4,279)	-	+100 / +100	(345)	-

Price risk

Price risk is the risk that the value of a financial instrument will fluctuate as a result of changes in market prices, whether those changes are caused by factors specific to the individual instrument or its issuer or factors affecting all instruments traded in the market. The Group is exposed to equity price risk because of equity investments held and classified on the statement of financial position as either FVOCI or at fair value through profit or loss. The Group manages its price risk by trading these instruments when appropriate to reduce the impact of any adverse price fluctuations.

The impact of a +5%/-5% (2020: +5%/-10%) change in the quoted prices for these equities would be an increase/decrease in the carrying value of +\$37,332,000/- \$37,332,000 (2020: +\$27,076,000/- \$54,152,000) in income and +\$60,109,000/- \$60,109,000 (2020: +\$58,110,000/- \$116,219,000) in other comprehensive income.

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3. Insurance and Financial Risk Management (Continued)

(d) Capital management

Insurance subsidiaries

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

- (i) To comply with the capital requirements set by the regulators of the insurance markets within which the companies operate;
- (ii) To safeguard their ability to continue as going concerns so that they can continue to provide returns for stockholders and benefits for other stakeholders; and
- (iii) To maintain a strong capital base to support the development of business.

Capital adequacy is managed and monitored at the insurance subsidiaries' level by management, the Audit Committee and the Board of Directors. In addition, the companies seek to maintain internal capital adequacy at levels higher than the minimum level of regulatory capital required.

The primary measure used to assess capital adequacy for the Jamaican based general insurance subsidiary is the Minimum Capital Test (MCT). This information is required to be filed with the Financial Services Commission (FSC) on an annual basis. The minimum standard recommended by the regulators for companies is a MCT of 250% (2020: 250%).

In relation to the Eastern Caribbean general insurance subsidiary The subsidiary manages its capital on the basis of 150% of its minimum regulatory capital position. Management considers the quantitative threshold of 150% sufficient to maximise shareholders' return and to support the capital required. The minimum required regulatory capital held by the subsidiary is XCD 750,000 (2020: XCD 750,000).

The banking and investment subsidiaries

The banking and investment subsidiaries' objectives when managing capital, which is a broader concept than the 'equity' on the face of the statement of financial position, are:

- (i) To comply with the capital requirements set by the regulators of the banking and investment markets where the entities within the Group operate;
- (ii) To safeguard their ability to continue as going concerns so that they can continue to provide returns for stockholders and benefits for other stakeholders; and
- (iii) To maintain a strong capital base to support the development of business.

Capital adequacy and the use of regulatory capital are monitored monthly by management and the required information is filed monthly with the Bank of Jamaica (BOJ) and the FSC.

The BOJ requires the banking entity to:

- (i) Hold the minimum level of regulatory capital as a percentage of total assets of 8%; and
- (ii) Maintain a ratio of total regulatory capital to risk-weighted assets at or above 10%.

The FSC requires the investment services entity to:

- (i) Hold the minimum level of regulatory capital as a percentage of total assets of 6%; and
- (ii) Maintain a ratio of total regulatory capital to risk-weighted assets at or above 10%.

The regulatory capital as managed by the subsidiaries' ALCOs is divided into two tiers:

- (i) Tier 1 capital: share capital, retained earnings and reserves created by appropriations of retained earnings. The book value of goodwill and negative fair value reserves are deducted in arriving at Tier 1 capital; and
- (ii) Tier 2 capital: general provisions for loan losses on assets limited to 1.25% of risk-weighted assets.

Risk-weighted assets are measured by means of a hierarchy of 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 Group complied with the regulatory capital requirements to which it is subjected.

GraceKennedy Limited

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3. Insurance and Financial Risk Management (Continued)

(d) Capital management (continued)

Companies not requiring external regulatory capital requirements

The Group's objectives when managing capital are to safeguard the Group's ability to continue as a going concern in order to provide returns for owners and benefits for other stakeholders and to maintain an optimal capital structure to reduce the cost of capital. The Board of Directors monitors the return on equity, which the Group defines as net profit attributable to owners of the company divided by total owners' equity, excluding non-controlling interests. The Board of Directors also monitors the level of dividends to equity owners.

The Group monitors capital on the basis of the debt to equity ratio. This ratio is calculated as debt divided by owners' equity. Debt is calculated as total borrowings as shown in the consolidated statement of financial position. Owners' equity is calculated as capital and reserves attributable to the company's owners as shown in the consolidated statement of financial position.

During 2021, the Group's strategy, which was unchanged from 2020, was to maintain a debt to equity ratio not exceeding 100%. The debt to equity ratios at 31 December 2021 and 2020 were as follows:

	Group	
	2021	2020
	\$'000	\$'000
Total borrowings (Note 15)	27,988,518	25,233,708
Owners' equity	67,605,593	59,910,259
Gearing ratio	41.4%	42.1%

There were no changes to the Group's approach to capital management during the year.

The parent company complied with all externally imposed capital requirements to which it is subjected.

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4. Critical Accounting Judgements and Key Sources of Estimation Uncertainty

Judgements and estimates are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Key sources of estimation uncertainty

The Group makes estimates and assumptions concerning the future. The resulting accounting estimates will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

(i) Estimated impairment of goodwill

The Group tests annually whether goodwill has suffered any impairment, in accordance with the accounting policy stated in Note 2 (g). The assessment of goodwill impairment involves the determination of the value in use. Determination of value in use involves the estimation of future cash flows from the business taking into consideration the growth rates, inflation rates and the discount rates. Any changes in these variables would impact the value in use calculations. A 1% increase in the discount rate would result in a reduction in the value in use by \$2,959,519,000, which would not result in an impairment of goodwill.

(ii) Income taxes

The Group is subject to income taxes in numerous jurisdictions. Significant judgement is required in determining the worldwide provision for income taxes. The Group recognises liabilities for anticipated tax audit issues based on estimates of whether additional taxes will be due. Where the final tax outcome of these matters is different from the amounts that were initially recorded, such differences will impact the income tax and deferred tax provisions in the period in which such determination is made. The Group has recognised deferred tax assets on tax losses carried forward as it anticipates making future taxable income to offset these losses.

(iii) Pension plan assets and post-employment obligations

The cost of these benefits and the present value of the pension and the other post-employment liabilities depend on a number of factors that are determined on an actuarial basis using a number of assumptions. The assumptions used in determining the net periodic cost (income) for pension and post-employment benefits include the expected long-term rate of return on the relevant plan assets, the discount rate and, in the case of the post-employment medical benefits, the expected rate of increase in medical costs. Any changes in these assumptions will impact the net periodic cost (income) recorded for pension and post-employment benefits and may affect planned funding of the pension plans. 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 appropriate discount rate is determined 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 pension and post-employment benefit obligations. In determining the appropriate discount rate, the interest rate of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid are considered, and that have terms to maturity approximating the terms of the related pension liability. The expected rate of increase of medical costs has been determined by comparing the historical relationship of the actual medical cost increases with the rate of inflation in the respective economies. Other key assumptions for the pension and post-employment benefits cost and credits are based in part on current market conditions.

(iv) Liabilities arising from claims made under insurance contracts

General Insurance

The determination of the liabilities under insurance contracts represents the liability for future claims payable by the insurance subsidiaries based on contracts for the insurance business in force at the statement of financial position date using several methods, including 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. These liabilities represent the amount of future premiums that will, in the opinion of the actuary, be sufficient to pay future claims relating to contracts of insurance in force, as well as meet the other expenses incurred in connection with such contracts. 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 insurance subsidiaries' experience.

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 insurance subsidiaries' 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 allows the insurance subsidiaries 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.

Life Insurance

The determination of the liabilities under long-term insurance contracts is dependent on estimates made by the appointed actuary. Estimates are made regarding the expected number of claims for each of the years in which the Group is exposed to risk. These estimates are based on standard industry and international mortality and morbidity tables that reflect recent historical mortality experience, adjusted where appropriate to reflect the insurance subsidiary's own experience. The estimated number of claims determines the value of the benefit payments and the value of the valuation premiums.

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4. Critical Accounting Judgements and Key Sources of Estimation Uncertainty (Continued)

Key sources of estimation uncertainty (continued)

(v) Investment properties

Investment properties are carried in the statement of financial position at market value. The Group uses independent qualified property appraisers to value its investment properties annually, generally using the income approach. This approach takes into consideration various assumptions and factors including; the level of current and future occupancy, the rate of annual rent increases, the rate of inflation of direct expenses, the appropriate discount rate, and the current condition of the properties together with an estimate of future maintenance and capital expenditures. Reference is also made to recent comparable sales. A change in any of these assumptions and factors could have a significant impact on the valuation of investment properties.

(vi) Land and buildings

Freehold land and buildings are carried in the statement of financial position at fair value, with changes in fair value being recognised in 'capital and fair value reserve' through other comprehensive income. The Group uses independent qualified property appraisers to value its land and buildings bi-annually. Those fair values were derived using:

- The sales comparison approach, which references market-based evidence, using comparable prices adjusted for specific market factors such as nature, location and condition of the property. The most significant input into this valuation approach is price per square foot. Significant increases (decreases) in estimated price per square foot in isolation would result in a significantly higher (lower) fair value.
- The cost approach using observable inputs. The external valuers have determined these inputs based on the size, age and condition of the land and buildings and the state of the economy.

(vii) Fair value of financial instruments

In the absence of quoted market prices, the fair values of a significant portion of the Group's financial instruments were determined using generally accepted alternative methods. The values derived from applying these methods are significantly affected by the underlying assumptions used concerning both the amounts and timing of future cash flows and the discount rates. Considerable judgement is required in interpreting market data to arrive at estimates of fair values. Consequently, the estimates arrived at may be significantly different from the actual price of the instruments in an arm's length transaction.

(viii) Measurement of the expected credit loss allowance

The measurement of the expected credit loss allowance for financial assets measured at amortised cost and FVOCI requires the use of complex models and significant assumptions about future economic conditions and credit behaviour such as the likelihood of customers defaulting and the resulting losses.

A number of significant judgements are also required in applying the accounting requirements for measuring ECL, such as:

- Determining criteria for significant increase in credit risk
- Choosing appropriate models and assumptions for the measurement of ECL
- Establishing the number and relative weightings of forward-looking scenarios
- Establishing groups of similar financial assets for the purpose of measuring ECL

Further details about judgements and estimates made by the Group in the above areas is set out in Notes 2 (h) and 3 (c) (i).

(ix) Business combinations

Business combinations are accounted for using the acquisition method. The Group determines the identifiable assets and liabilities using the Purchase Price Allocation method. Under this method, the Group makes estimates about future cash flows which are derived based on factors such as revenue growth, future margins, attrition rates, and discount rates in determining the fair values of the identifiable intangible assets. A similar approach to determine the identifiable assets and liabilities is used for associates and joint ventures.

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5. Cash and Deposits

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Cash at bank and in hand	24,134,264	17,292,691	1,171,343	2,861,970
Deposits	5,902,417	7,038,415	2,028,669	2,541,843
	30,036,681	24,331,106	3,200,012	5,403,813

Included in deposits is interest receivable of \$44,240,000 (2020: \$47,255,000) and \$14,182,000 (2020: \$11,642,000) for the Group and company, respectively. The weighted average effective interest rate on deposits was 3.29% (2020: 3.35%) and 5.54% (2020: 4.02%) for the Group and company, respectively, and these deposits have an average maturity of under 3 months.

For the purposes of the cash flow statement, cash and cash equivalents comprise the following:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Cash at bank and in hand	24,134,264	17,292,691	1,171,343	2,861,970
Deposits	5,902,417	7,038,415	2,028,669	2,541,843
	30,036,681	24,331,106	3,200,012	5,403,813
Bank overdrafts (Note 15)	(2,125,500)	(1,011,318)	(1,545,681)	(308,605)
	27,911,181	23,319,788	1,654,331	5,095,208

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6. Investment Securities and Pledged Assets

(a) Investment securities

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At amortised cost:				
Bank of Jamaica	9,218,584	7,420,809	-	-
Government of Jamaica securities	9,757,313	8,395,924	3,106,876	2,679,904
Foreign government securities	246,094	350,421	-	-
Corporate bonds	10,612,752	9,674,162	3,097,321	2,614,007
Other debt securities	7,973,589	4,069,935	1,823,941	1,505,764
Other	5,638	5,355	335	335
	37,813,970	29,916,606	8,028,473	6,800,010
At fair value through other comprehensive income:				
Quoted equities	1,202,183	1,162,192	136,678	78,106
Government of Jamaica securities	7,572,896	6,798,108	-	-
Foreign government securities	701,938	746,906	-	-
Corporate bonds	1,797,204	1,955,862	-	-
Other debt securities	2,794	-	-	-
Other	3,144	3,144	-	-
	11,280,159	10,666,212	136,678	78,106
At fair value through profit or loss:				
Quoted equities	746,639	541,517	-	-
	746,639	541,517	-	-
Total	49,840,768	41,124,335	8,165,151	6,878,116
Less: Pledged assets (Note 6b)	(9,361,518)	(7,610,387)	-	-
Investment securities in the statement of financial position	40,479,250	33,513,948	8,165,151	6,878,116

Included in investment securities is interest receivable of \$472,882,000 (2020: \$389,342,000) and \$155,524,000 (2020: \$135,161,000) for the Group and the company respectively.

The effective interest rate on the investment securities for the Group and company are 5.70% (2020: 6.10%) and 6.79% (2020: 6.63%), respectively.

Included in investment securities for the Group is \$9,952,412,000 (2020: \$9,530,589,000) and company \$4,709,202,000 (2020: \$1,624,911,000) which matures within the next 12 months.

Included in Bank of Jamaica securities is \$4,792,937,000 (2020: \$4,022,709,000) held at the Bank of Jamaica under Section 43 of the Banking Services Act, 2018, which requires that every licensee maintains a cash reserve with the Bank of Jamaica. A prescribed minimum of 19% (2020: 19%) of Jamaica dollar currency deposits liabilities and 27% (2020: 27%) of foreign currency deposit liabilities is required to be maintained as cash reserves by the bank in liquid assets of which 5% (2020: 5%) must be maintained as cash reserves for Jamaican dollar currency and 13% (2020: 13%) for foreign currency cash reserves. No portion of the cash reserve is available for investment, lending or other use by the Group or the banking subsidiary.

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6. Investment Securities and Pledged Assets (Continued)

(b) Pledged assets

Assets are pledged as collateral under repurchase agreements with other financial institutions and for security relating to overdraft and other facilities with other financial institutions and the Bank of Jamaica.

	Group			
	Asset		Related Liability	
	2021 \$'000	2020 \$'000	2021 \$'000	2020 \$'000
Total in the statement of financial position (Note 6a)	9,361,518	7,610,387	7,158,284	6,790,021

There were no pledged assets in relation to the company.

Of the assets pledged as security, the following represents the total for those assets pledged for which the transferee has the right by contract or custom to sell or repledge the collateral.

	Group	
	2021 \$'000	2020 \$'000
Pledged assets with right to sell or repledge	9,361,518	7,610,387

(c) Investments in financial assets designated at fair value through other comprehensive income

The Group has designated at FVOCI investments in a portfolio of equity securities issued by the following exchanges:

- Jamaica Stock Exchange
- Trinidad & Tobago Stock Exchange

The Group chose this presentation alternative because the investments were made for strategic purposes rather than with a view to profit on a subsequent sale, and there are no plans to dispose of these investments in the short or medium term.

The fair value of these investments is \$1,202,183,000 and \$136,678,000 for the Group and company respectively as at 31 December 2021. Dividends of \$14,663,000 and \$740,000 were recognised during the year for the Group and company respectively. There were no transfers of the cumulative gain within equity during the year.

For debt investments at FVOCI, the Group recognised net gains of \$143,694,000 in the income statement during the year, being reclassified from other comprehensive income on sale.

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7. Receivables

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Trade receivables, less provision for impairment	10,793,496	8,889,177	1,649,882	1,384,924
Insurance receivables, less provision for impairment	3,920,374	2,806,559	-	-
Reinsurers' portion of unearned premiums	1,942,376	1,694,851	-	-
Deferred policy acquisition costs	461,888	401,559	-	-
Receivable from associates and joint ventures (Note 35e)	24,757	16,107	22,514	14,522
Prepayments	1,757,193	1,898,092	108,827	117,514
Other receivables	1,283,664	1,165,094	66,498	34,720
	20,183,748	16,871,439	1,847,721	1,551,680

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

8. Inventories

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Raw materials and spares	1,397,285	1,061,600	-	-
Finished goods	1,578,216	1,526,768	-	-
Merchandise	12,319,900	10,006,156	3,241,605	1,935,872
Goods in transit	3,933,518	1,838,611	1,980,606	695,012
	19,228,919	14,433,135	5,222,211	2,630,884

The inventory write-down recognised as an expense amounted to \$321,729,000 (2020: \$289,134,000) and \$187,065,000 (2020: \$158,363,000) for the Group and the company respectively.

9. Loans Receivable

(a) Loans receivable comprise:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Finance leases, less deferred profit	65,765	63,576	-	-
Loans and receivables:				
Loans to subsidiaries (Note 35e)	-	-	2,888,921	2,402,046
Loans to associates and joint ventures (Note 35e)	482,848	-	-	-
Loans to others	32,773,877	31,186,755	58,216	67,919
	33,322,490	31,250,331	2,947,137	2,469,965

Loans receivable are due within 10 years from the statement of financial position date.

Included in loans receivable is interest receivable of \$366,767,000 (2020: \$405,589,000) and \$9,485,000 (2020: \$4,931,000) for the Group and company, respectively.

Included in loans receivable is \$7,967,497,000 (2020: \$4,444,019,000) and \$2,336,875,000 (2020: \$1,910,087,000) which matures in the next 12 months for the Group and the company respectively.

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9. Loans Receivable (Continued)

(b) Finance lease receivables:

	Group	
	2021	2020
	\$'000	\$'000
Gross receivables from finance leases:		
Not later than 1 year	34,514	30,906
Later than 1 year and not later than 5 years	40,133	40,932
	74,647	71,838
Unearned future finance income on finance leases	(8,882)	(8,262)
Net investment in finance leases	65,765	63,576
The net investment in finance leases is analysed as follows:		
Not later than 1 year	28,985	26,405
Later than 1 year and not later than 5 years	36,780	37,171
Total	65,765	63,576

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10. Investments in Associates and Joint Ventures

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At beginning of year	4,118,824	3,511,934	574,698	574,698
Amounts recognised in the income statement	414,911	543,532	-	-
Amounts recognised in other comprehensive income	140,515	195,847	-	-
Dividends paid	(245,039)	(239,989)	-	-
Additions	95,000	107,500	-	-
Amounts recognised in the statement of financial position	4,524,211	4,118,824	574,698	574,698

	Group	
	2021	2020
	\$'000	\$'000
Dairy Industries (Jamaica) Limited	1,454,729	1,355,149
CSGK Finance Holdings Limited	1,599,963	1,387,832
Catherine's Peak Bottling Company Limited	590,449	586,735
Canopy Insurance Limited	233,942	224,516
Immaterial associated companies	645,128	564,592
Amounts recognised in the statement of financial position	4,524,211	4,118,824

Dairy Industries (Jamaica) Limited (DIJL), CSGK Finance Holdings Limited (CSGK), Catherine's Peak Bottling Company Limited (CPBC), and Canopy Insurance Limited (CIL) in the opinion of the directors, are material to the Group.

DIJL has share capital consisting solely of ordinary shares, which are partially owned by the Group and held directly by the parent company. The Group owns 50% of the share capital in DIJL. DIJL is one of the main manufacturers of dairy products such as cheese and yogurt, within Jamaica; and sells its products mainly through distributors including to companies within the Group.

CSGK has share capital consisting solely of ordinary shares, which are held indirectly by the parent company through a banking and investment subsidiary. The Group owns 40% of the share capital in CSGK. CSGK is a finance company whose principal activities, through its wholly owned subsidiary Signia Financial Group Inc., are the provision of term finance, motor vehicle leasing, acceptance of deposits, foreign exchange dealing and stock broking.

CPBC has share capital consisting solely of ordinary shares, which are partially owned by the Group and held directly by the parent company. The Group owns 35% of the share capital in CPBC. CPBC is one of the main bottlers of spring water within Jamaica; and sells its products mainly through distributors including to companies within the Group.

CIL has share capital consisting solely of ordinary shares, which are held indirectly by the parent company through a banking and investment subsidiary. The Group owns 50% of the share capital in CIL. CIL provides group life and group health insurance services.

DIJL, CSGK, CPBC and CIL are private companies and there are no quoted market prices available for the shares.

There are no contingent liabilities relating to the Group's interest in DIJL, CSGK, CPBC and CIL and the Group's other associates.

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10. Investments in Associates and Joint Ventures (Continued)

The summarised information for DIJL, CSGK, CPBC and CIL that was accounted for using the equity method for the years ended 31 December 2021 and 31 December 2020 is as follows:

Summarised statement of financial position

	Dairy Industries (Jamaica) Limited		CSGK Finance Holdings Limited	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Current				
Cash and cash equivalents	291,089	77,937	4,056,080	2,965,800
Other current assets (excluding cash)	2,316,004	2,475,664	6,216,004	6,104,087
Total current net assets	2,607,093	2,553,601	10,272,084	9,069,887
Financial liabilities (excluding trade payables)	98,060	113,336	15,663,592	15,337,834
Other current liabilities (including trade payables)	378,609	551,026	1,218,852	1,293,088
Total current liabilities	476,669	664,362	16,882,444	16,630,922
Non-current				
Assets	1,127,811	1,168,770	21,193,561	19,864,930
Liabilities	348,778	347,711	10,583,293	8,834,316
Net assets	2,909,457	2,710,298	3,999,908	3,469,579

	Catherine's Peak Bottling Company Limited		Canopy Insurance Limited	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Current				
Cash and cash equivalents	138,235	143,061	179,427	92,783
Other current assets (excluding cash)	175,532	251,754	1,351,360	146,068
Total current net assets	313,767	394,815	1,530,787	238,851
Financial liabilities (excluding trade payables)	21,508	37,787	1,593,728	336,734
Other current liabilities (including trade payables)	121,264	166,164	-	-
Total current liabilities	142,772	203,951	1,593,728	336,734
Non-current				
Assets	381,541	343,962	546,535	546,916
Liabilities	289,935	282,838	15,709	-
Net assets	262,601	251,988	467,885	449,033

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10. Investments in Associates and Joint Ventures (Continued)

Summarised income statement

	Dairy Industries (Jamaica) Limited		CSGK Finance Holdings Limited	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Revenue	4,334,077	3,802,198	2,104,635	2,165,707
Depreciation	(78,418)	(59,688)	(62,997)	(65,409)
Interest income - non-financial services	21,664	17,501	-	-
Interest expense - non-financial services	(10,284)	(12,766)	-	-
Profit before income tax	836,691	714,345	231,609	400,413
Taxation expense	(212,053)	(186,125)	12,184	(17,302)
Profit after tax	624,638	528,220	243,793	383,111
Other comprehensive income	(25,479)	105,883	286,536	214,642
Total comprehensive income	599,159	634,103	530,329	597,753
Dividends received by the Group from associates	200,000	200,000	-	-

	Catherine's Peak Bottling Company Limited		Canopy Insurance Limited	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Revenue	1,183,026	1,202,713	2,411,725	1,439,270
Depreciation	(32,966)	(95,520)	(27,783)	(22,323)
Interest income - non-financial services	224	9,850	7,814	9,080
Interest expense - non-financial services	(27,139)	(14,553)	-	-
Profit/(loss) before income tax	147,018	200,129	(225,095)	(71,202)
Taxation expense	(55,634)	(46,117)	53,947	68,592
Profit/(loss) after tax	91,384	154,012	(171,148)	(2,610)
Total comprehensive income	91,384	154,012	(171,148)	(2,610)
Dividends received by the Group from associates	28,270	38,592	-	-

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10. Investments in Associates and Joint Ventures (Continued)

Reconciliation of the summarised financial information presented to the carrying amount of its interest in associates and joint ventures

	Dairy Industries (Jamaica) Limited		CSGK Finance Holdings Limited	
	2021	2020	2021	2020
Summarised financial information	\$'000	\$'000	\$'000	\$'000
Opening net assets at 1 January	2,710,298	2,476,195	3,469,579	2,871,826
Profit for the period	624,638	528,220	243,793	383,111
Other comprehensive income	(25,479)	105,883	286,536	214,642
Dividends paid	(400,000)	(400,000)	-	-
Closing net assets	2,909,457	2,710,298	3,999,908	3,469,579
Interest in associates (%)	50	50	40	40
Interest in associates (J\$)	1,454,729	1,355,149	1,599,963	1,387,832
Carrying value	1,454,729	1,355,149	1,599,963	1,387,832

	Catherine's Peak Bottling Company Limited		Canopy Insurance Limited	
	2021	2020	2021	2020
Summarised financial information	\$'000	\$'000	\$'000	\$'000
Opening net assets at 1 January	251,988	208,239	449,033	241,643
Profit/(loss) for the period	91,384	154,012	(171,148)	(2,610)
Additional investment	-	-	190,000	210,000
Dividends paid	(80,771)	(110,263)	-	-
Closing net assets	262,601	251,988	467,885	449,033
Interest in associates and joint ventures (%)	35	35	50	50
Interest in associates and joint ventures (J\$)	91,910	88,196	233,942	224,516
Intangible assets	498,539	498,539	-	-
Carrying value	590,449	586,735	233,942	224,516

Intangible assets related to the investment in Catherine's Peak Bottling Company Limited include the entity's brand and customer relationships with estimated useful lives of 15 years and 10 years respectively, as well as goodwill.

The amounts recognised in total comprehensive income in respect of immaterial associates are as follows:

	Group	
	2021	2020
	\$'000	\$'000
Profit	58,665	73,579
Other comprehensive income	38,641	57,048
Total comprehensive income	97,306	130,627

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11. Intangible Assets

	Brands, Customer and Supplier Relationships \$'000	Goodwill \$'000	Computer Software \$'000	Policy Contracts \$'000	Total \$'000
Group					
Cost					
At 1 January 2020	3,482,511	1,775,183	3,880,708	632,788	9,771,190
Additions	-	-	376,306	-	376,306
Acquisition through business combination (Note 39)	138,000	171,937	18,463	47,000	375,400
Retirement of asset	-	-	(156,950)	(26,214)	(183,164)
Exchange differences	181,304	136,738	9,193	-	327,235
At 31 December 2020	3,801,815	2,083,858	4,127,720	653,574	10,666,967
Additions	559,684	-	585,320	-	1,145,004
Acquisition through business combination (Note 39)	1,085,001	-	-	-	1,085,001
Retirement of asset	-	-	(17,881)	-	(17,881)
Exchange differences	188,615	143,382	10,788	-	342,785
At 31 December 2021	5,635,115	2,227,240	4,705,947	653,574	13,221,876
Accumulated Amortisation					
At 1 January 2020	1,854,366	308,489	3,038,838	556,552	5,758,245
Acquisition through business combination (Note 39)	-	-	14,478	-	14,478
Amortisation charge for the year	234,252	-	264,289	48,314	546,855
Impairment charge	-	-	3,722	26,214	29,936
Retirement of asset	-	-	(156,950)	(26,214)	(183,164)
Exchange differences	80,126	-	9,025	-	89,151
At 31 December 2020	2,168,744	308,489	3,173,402	604,866	6,255,501
Amortisation charge for the year	311,434	-	347,673	11,084	670,191
Impairment charge	-	16,854	-	-	16,854
Retirement of asset	-	-	(17,881)	-	(17,881)
Exchange differences	109,543	-	10,735	-	120,278
At 31 December 2021	2,589,721	325,343	3,513,929	615,950	7,044,943
Net Book Amount					
31 December 2021	3,045,394	1,901,897	1,192,018	37,624	6,176,933
31 December 2020	1,633,071	1,775,369	954,318	48,708	4,411,466

Impairment tests for goodwill

The Group determines whether goodwill is impaired at least on an annual basis or when events or changes in circumstances indicate that the carrying value may be impaired. This requires an estimation of the recoverable amount of the cash generating unit (CGU) to which the goodwill is allocated. The recoverable amount is usually determined by reference to the value in use. Estimating the value in use requires the Group to make an estimate of the expected future cash flows from the CGU and also to choose an appropriate discount rate in order to calculate the present value of those future cash flows.

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11. Intangible Assets (Continued)

The allocation of goodwill to the Group's cash generating units (CGUs) identified according to segment is as follows:

	2021 \$'000	2020 \$'000
Food Trading		
- Jamaica operations	-	16,854
- United Kingdom operations	578,951	526,882
- United States operations	1,151,009	1,059,696
Insurance		
- Jamaica operations	171,937	171,937
	1,901,897	1,775,369

For the year ended 31 December 2021, management tested the goodwill allocated to all the CGUs for impairment.

The recoverable amount of a CGU is determined based on value in use calculations. These calculations use cash flow projections based on financial budgets approved by management covering a five-year period. Cash flows beyond the five-year period are extrapolated using the estimated growth rates stated below. The growth rate does not exceed the long-term average growth rate for the industry in which the CGU operates.

Key assumptions used for value in use calculations:

	Revenue Growth Rate	EBITDA to Revenue	Capital Expenditure to Revenue	Discount Rate
Food Trading				
- Jamaica operations	7.43%	-2.01%	0.17%	14.59%
- United Kingdom operations	5.48%	5.69%	1.18%	10.00%
- United States operations	5.58%	5.59%	1.15%	11.12%
Insurance				
- Jamaica operations	9.66%	4.56%	0.49%	16.00%

	Computer Software \$'000
Company	
Cost	
At 1 January 2020	1,250,743
Additions	99,271
Retirement of asset	(116,464)
At 31 December 2020	1,233,550
Additions	164,511
Retirement of asset	(10,983)
At 31 December 2021	1,387,078
Accumulated Amortisation	
At 1 January 2020	965,128
Amortisation charge for the year	94,155
Retirement of asset	(116,464)
At 31 December 2020	942,819
Amortisation charge for the year	97,952
Retirement of asset	(10,983)
At 31 December 2021	1,029,788
Net Book Amount	
31 December 2021	357,290
31 December 2020	290,731

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12. Fixed Assets

	Freehold Land and Buildings \$'000	Leasehold Buildings and Improvements \$'000	Plant, Equipment, Fixtures & Vehicles \$'000	Right- of-Use Assets ^(a) \$'000	Capital Work in Progress \$'000	Total \$'000
	Group					
Cost						
At 1 January 2020	10,210,943	2,995,569	9,535,521	9,692,073	715,446	33,149,552
Additions	232,525	63,048	800,114	971,148	478,054	2,544,889
Acquisition through business combination (Note 39)	191,049	24,623	118,326	30,533	-	364,531
Revaluation adjustment	434,333	-	-	-	-	434,333
Transfers	325,305	75,055	388,645	-	(789,005)	-
Disposals	-	(146,016)	(392,376)	(92,617)	(16,032)	(647,041)
Exchange differences	61,088	89,011	175,958	498,824	118	824,999
At 31 December 2020	11,455,243	3,101,290	10,626,188	11,099,961	388,581	36,671,263
Additions	56,694	72,858	668,836	923,680	923,203	2,645,271
Acquisition through business combination (Note 39)	-	-	-	11,254	-	11,254
Revaluation adjustment	20,469	-	-	-	-	20,469
Transfers	129,094	31,930	593,976	-	(755,000)	-
Transfer from investment properties (Note 38)	226,734	-	-	-	-	226,734
Disposals	(1,753)	(43,940)	(616,512)	(140,438)	(6,058)	(808,701)
Exchange differences	90,516	96,817	186,114	572,361	192	946,000
At 31 December 2021	11,976,997	3,258,955	11,458,602	12,466,818	550,918	39,712,290
Accumulated Depreciation						
At 1 January 2020	168,675	1,446,226	6,103,061	1,357,265	-	9,075,227
Acquisition through business combination (Note 39)	12,060	20,853	79,556	15,534	-	128,003
Charge for the year	206,606	245,702	895,655	1,289,794	-	2,637,757
Revaluation adjustment	(387,430)	-	-	-	-	(387,430)
On disposals	-	(145,870)	(360,569)	(69,391)	-	(575,830)
Exchange differences	83	34,334	121,349	77,726	-	233,492
At 31 December 2020	(6)	1,601,245	6,839,052	2,670,928	-	11,111,219
Acquisition through business combination (Note 39)	-	-	-	7,125	-	7,125
Charge for the year	219,231	222,998	967,473	1,394,530	-	2,804,232
On disposals	(407)	(38,523)	(592,791)	(129,662)	-	(761,383)
Exchange differences	169	39,272	130,995	157,242	-	327,678
At 31 December 2021	218,987	1,824,992	7,344,729	4,100,163	-	13,488,871
Net Book Amount						
31 December 2021	11,758,010	1,433,963	4,113,873	8,366,655	550,918	26,223,419
31 December 2020	11,455,249	1,500,045	3,787,136	8,429,033	388,581	25,560,044

^(a) The categorisation of the right-of-use assets is detailed in Note 16.

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12. Fixed Assets (Continued)

	Freehold Land and Buildings \$'000	Leasehold Buildings and Improvements \$'000	Plant, Equipment, Fixtures & Vehicles \$'000	Right- of-Use Assets ^(a) \$'000	Capital Work in Progress \$'000	Total \$'000
Company						
Cost						
At 1 January 2020	82,000	104,827	1,000,019	3,314,022	29,379	4,530,247
Additions	-	-	157,829	116,640	-	274,469
Revaluation adjustment	12,000	-	-	-	-	12,000
Transfers	-	-	25,031	-	(25,031)	-
Disposals	-	-	(102,926)	(5,718)	(4,348)	(112,992)
At 31 December 2020	94,000	104,827	1,079,953	3,424,944	-	4,703,724
Additions	-	11,371	197,562	1,457	790	211,180
Disposals	-	(8,686)	(149,653)	(44,490)	-	(202,829)
At 31 December 2021	94,000	107,512	1,127,862	3,381,911	790	4,712,075
Accumulated Depreciation						
At 1 January 2020	1,588	90,521	640,399	395,474	-	1,127,982
Charge for the year	1,587	2,051	102,658	289,035	-	395,331
Revaluation adjustment	(3,175)	-	-	-	-	(3,175)
On disposals	-	-	(102,924)	(3,798)	-	(106,722)
At 31 December 2020	-	92,572	640,133	680,711	-	1,413,416
Charge for the year	1,800	3,051	125,834	281,445	-	412,130
On disposals	-	(7,713)	(148,944)	(44,493)	-	(201,150)
At 31 December 2021	1,800	87,910	617,023	917,663	-	1,624,396
Net Book Amount						
31 December 2021	92,200	19,602	510,839	2,464,248	790	3,087,679
31 December 2020	94,000	12,255	439,820	2,744,233	-	3,290,308

^(a) The categorisation of the right-of-use assets is detailed in Note 16.

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12. Fixed Assets (Continued)

- (a) If land and buildings were stated on the historical cost basis, the amounts would be as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Cost	9,295,523	8,795,021	44,660	44,660
Accumulated depreciation	1,096,150	927,739	16,382	15,266
Net Book Amount	8,199,373	7,867,282	28,278	29,394

- (b) The Group's land and buildings were revalued during 2020 by independent valuers. The valuations were done on the basis of open market value, with the exception of the Distribution Centre and Group Headquarters, for which recent market transactions are not available due to the specialised nature of the assets. The revaluation surpluses, net of applicable deferred income taxes, were credited to the capital and fair value reserves in equity (Note 20).

- (c) In 2021 an investment property (Note 38) was transferred to land and buildings and is now occupied by the Group.

13. Deferred Income Taxes

Deferred income taxes are calculated in full on temporary differences under the liability method using principal tax rates of 25% for unregulated companies and 33 ⅓% for regulated companies.

The movement on the deferred income tax account is as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At beginning of year	(761,710)	(417,525)	(813,688)	(628,399)
Acquisition through business combinations (Note 39)	-	393,829	-	-
Income statement credit/(charge) (Note 29)	193,455	(156,915)	31,608	150,770
Tax credit/(charge) relating to components of other comprehensive income (Note 29)	124,535	(576,402)	(123,746)	(336,059)
Exchange differences	(6,655)	(4,697)	-	-
At end of year	(450,375)	(761,710)	(905,826)	(813,688)

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13. Deferred Income Taxes (Continued)

Deferred income tax assets are recognised for tax losses carried forward to the extent that realisation of the related tax benefit through future taxable profits is probable. Subject to agreement with the taxation administration in the relevant jurisdictions, the Group has recognised tax losses of \$1,948,802,000 (2020: \$1,799,939,000) and recognised tax credits of \$212,907,000 (2020: \$212,907,000) to carry forward indefinitely against future taxable income. The Group also has unrecognised tax losses of \$Nil (2020: \$938,954,000) in respect of some subsidiaries.

Deferred income tax liabilities of \$1,006,812,000 (2020: \$540,693,000) have not been established for the withholding taxes that would be payable on the unremitted earnings of certain foreign subsidiaries, as such amounts are permanently reinvested; such unremitted earnings totalled \$4,027,248,000 (2020: \$2,162,774,000).

The movement in deferred tax assets and liabilities (prior to offsetting of balances within the same tax jurisdiction) during the period is as follows:

	Group					
	Fixed Assets \$'000	Fair Value Gains \$'000	Unrealised Foreign Exchange Gains \$'000	Pension Plan Assets \$'000	Other \$'000	Total \$'000
Deferred tax liabilities						
At 1 January 2020	583,338	887,945	14,372	1,455,387	491,380	3,432,422
Acquisition through business combinations	32,325	-	-	-	1,124	33,449
Charged/(credited) to the income statement	145,819	(49,703)	16,158	(65,544)	3,900	50,630
Charged/(credited) to other comprehensive income	165,626	(22,904)	-	320,500	-	463,222
Exchange differences	1,221	-	-	-	6,809	8,030
At 31 December 2020	928,329	815,338	30,530	1,710,343	503,213	3,987,753
Charged/(credited) to the income statement	8,888	34,262	105,294	(63,939)	(8,616)	75,889
(Credited)/charged to other comprehensive income	(14,062)	(189,513)	-	128,095	-	(75,480)
Exchange differences	5,746	-	-	-	6,298	12,044
At 31 December 2021	928,901	660,087	135,824	1,774,499	500,895	4,000,206
	Fixed Assets \$'000	Fair Value Losses \$'000	Unutilised Tax Losses and Credits \$'000	Employee Benefit Obligations \$'000	Other \$'000	Total \$'000
Deferred tax assets						
At 1 January 2020	309,327	-	834,825	1,563,416	307,329	3,014,897
Acquisition through business combinations	1,302	-	425,886	-	90	427,278
Credited/(charged) to the income statement	70,222	-	(473,548)	152,928	144,113	(106,285)
Charged to other comprehensive income	-	-	-	(113,180)	-	(113,180)
Exchange differences	579	-	792	-	1,962	3,333
At 31 December 2020	381,430	-	787,955	1,603,164	453,494	3,226,043
Credited/(charged) to the income statement	82,919	-	7,274	179,715	(564)	269,344
Credited to other comprehensive income	-	-	-	49,055	-	49,055
Exchange differences	1,084	-	2,151	-	2,154	5,389
At 31 December 2021	465,433	-	797,380	1,831,934	455,084	3,549,831

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13. Deferred Income Taxes (Continued)

	Company					
	Fixed Assets \$'000	Fair Value Gains \$'000	Unrealised Foreign Exchange Gains \$'000	Pension Plan Assets \$'000	Other \$'000	Total \$'000
Deferred tax liabilities						
At 1 January 2020	9,911	8,135	-	1,455,387	15,214	1,488,647
Charged/(credited) to the income statement	20,341	-	-	(65,542)	(3,901)	(49,102)
Charged/(credited) to other comprehensive income	3,257	(1,155)	-	320,498	-	322,600
At 31 December 2020	33,509	6,980	-	1,710,343	11,313	1,762,145
Charged/(credited) to the income statement	7,404	-	86,321	(63,939)	8,113	37,899
Charged to other comprehensive income	-	14,643	-	128,095	-	142,738
At 31 December 2021	40,913	21,623	86,321	1,774,499	19,426	1,942,782
	Fixed Assets \$'000	Fair Value Losses \$'000	Unutilised Tax Losses and Credits \$'000	Employee Benefit Obligations \$'000	Other \$'000	Total \$'000
Deferred tax assets						
At 1 January 2020	66,883	-	-	692,086	101,279	860,248
Credited to the income statement	26,480	-	-	43,053	32,135	101,668
Charged to other comprehensive income	-	-	-	(13,459)	-	(13,459)
At 31 December 2020	93,363	-	-	721,680	133,414	948,457
Credited to the income statement	9,629	-	-	52,749	7,129	69,507
Credited to other comprehensive income	-	-	-	18,992	-	18,992
At 31 December 2021	102,992	-	-	793,421	140,543	1,036,956

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13. Deferred Income Taxes (Continued)

Deferred income tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when the deferred income taxes relate to the same fiscal authority. The following amounts, determined after appropriate offsetting, are shown in the consolidated statement of financial position:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Deferred tax assets	1,332,769	1,060,528	-	-
Deferred tax liabilities	(1,783,144)	(1,822,238)	(905,826)	(813,688)
	(450,375)	(761,710)	(905,826)	(813,688)

The gross amounts shown in the above tables include the following:

Deferred tax assets:

Deferred tax assets to be recovered after more than 12 months	3,094,747	2,772,549	896,413	815,043
Deferred tax assets to be recovered within 12 months	455,084	453,494	140,543	133,414
	3,549,831	3,226,043	1,036,956	948,457

Deferred tax liabilities:

Deferred tax liabilities to be settled after more than 12 months	(2,703,400)	(2,638,672)	(1,815,412)	(1,743,852)
Deferred tax liabilities to be settled within 12 months	(1,296,806)	(1,349,081)	(127,370)	(18,293)
	(4,000,206)	(3,987,753)	(1,942,782)	(1,762,145)
Deferred tax liabilities net	(450,375)	(761,710)	(905,826)	(813,688)

14. Pensions and Other Post-Employment Obligations

The Group has both defined contribution pension schemes and a defined benefit pension scheme.

Defined contribution schemes

The defined contribution pension scheme is open to Jamaican based employees hired on or after 1 April 2010. Employees contribute 5% of pensionable earnings with the option to contribute an additional voluntary contribution of 5%. The employer contributions are currently set at 10%. The Group also has other defined contribution schemes open to employees of its foreign subsidiaries which are operated in those countries. The Group's and company's contributions for the year were \$540,568,000 (2020: \$452,662,000) and \$129,308,000 (2020: \$104,211,000) respectively.

Defined benefit scheme

The Group's defined benefit pension scheme, which commenced on 1 January 1975, is funded by employee contributions at 5% of salary with the option to contribute an additional 14.5%, and employer contributions at 0.02%, as recommended by independent actuaries. The last valuation was carried out at 31 December 2019. Pension at normal retirement age is based on 2% per year of pensionable service of the average of the highest three years' annual salary during the last ten years of service. This scheme was closed to new members as at 31 March 2010.

The Board of Trustees of the pension fund is comprised of representatives from both the employer and members of the plan. The Board of Trustees of the pension fund is required by law to act in the interest of the fund and all relevant stakeholders. The Board of Trustees of the fund is responsible for the investment policy with regard to the assets of the fund. The funds are managed by Proven Fund Managers Limited.

In the event of a plan surplus the Group is able to take a contribution holiday, while a funding deficiency will require the Group to make additional contributions to adequately fund the plan.

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14. Pension and Other Post-Employment Obligations (Continued)

Pension benefits

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

	Group and Company	
	2021	2020
	\$'000	\$'000
Present value of funded obligations	35,148,107	31,778,461
Fair value of plan assets	(42,246,102)	(38,619,833)
	(7,097,995)	(6,841,372)
Asset in the statement of financial position	(7,097,995)	(6,841,372)

The movement in the defined benefit obligation over the year is as follows:

	Group and Company	
	2021	2020
	\$'000	\$'000
Beginning of year	31,778,461	27,533,392
Current service cost	767,845	592,967
Interest cost	2,816,802	2,033,728
	3,584,647	2,626,695
Remeasurements -		
Gain from change in demographic assumptions	-	(1,618,767)
Loss from change in financial assumptions	233,456	2,618,090
Experience losses	323,068	1,252,416
	556,524	2,251,739
Members' contributions	286,309	243,379
Benefits paid	(1,057,834)	(876,744)
End of year	35,148,107	31,778,461

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14. Pensions and Other Post-Employment Obligations (Continued)

Pension benefits (continued)

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

	Group and Company	
	2021	2020
	\$'000	\$'000
Beginning of year	38,619,833	40,296,662
Interest income on plan assets	3,438,936	2,987,678
Return on plan assets, excluding amounts included in interest income	1,068,902	(3,928,614)
Members' contributions	286,309	243,379
Employers' contributions	602	553
Benefits paid	(1,057,834)	(876,744)
Administration costs	(110,646)	(103,081)
End of year	42,246,102	38,619,833

The amounts recognised in the income statement are as follows:

	Group and Company	
	2021	2020
	\$'000	\$'000
Current service cost	767,845	592,967
Interest income (net)	(622,134)	(433,321)
Administration costs	110,646	103,081
Total, included in staff costs (Note 28)	256,357	262,727

As at the last valuation date, the present value of the defined benefit obligation was comprised of approximately \$19,228,731,000 (2020: \$16,846,838,000) relating to active employees, \$3,720,468,000 (2020: \$3,774,432,000) relating to deferred members and \$12,198,908,000 (2020: \$11,157,191,000) relating to members in retirement.

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14. Pensions and Other Post-Employment Obligations (Continued)

Pension benefits (continued)

The plan assets are comprised of:

	Group and Company			
	2021 \$'000	%	2020 \$'000	%
Equity	18,121,790	43%	16,471,528	43%
Debt	4,237,124	10%	6,159,803	16%
Real estate	4,808,522	11%	3,808,670	10%
Government securities	13,787,196	33%	9,882,158	25%
Other	1,291,470	3%	2,297,674	6%
	42,246,102	100%	38,619,833	100%

The pension plan assets include the company's ordinary stock units with a fair value of \$4,514,681,000 (2020: \$2,875,021,000) and buildings occupied by Group companies with fair values of \$1,400,021,000 (2020: \$1,412,311,000).

The benefit that the company derives from the surplus of the pension plan is limited to the extent of the reduction in future contributions that it will make to the pension scheme.

Expected contributions by the Group to the post-employment scheme for the year ending 31 December 2022 are \$601,000. The actual return on plan assets was \$4,507,838,000 (2020: -\$940,936,000).

The principal actuarial assumptions used were as follows:

	2021	2020
Discount rate	8.0%	9.0%
Long term inflation rate	5.0%	6.0%
Future salary increases	6.5%	7.5%
Future pension increases	5.0%	6.0%

Assumptions regarding future mortality experience are set based on advice, published statistics and experience.

The average life expectancy in years of a pensioner retiring at age 60 on the statement of financial position date is as follows:

	2021	2020
Male	25.00	25.00
Female	27.30	27.30

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14. Pensions and Other Post-Employment Obligations (Continued)

Pension benefits (continued)

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

Group and Company							
Impact on post-employment obligations							
	Change in Assumption		Increase in Assumption			Decrease in Assumption	
			2021	2020		2021	2020
Discount rate	1%	Decrease by	14.3%	14.4%	Increase by	18.3%	18.5%
Future salary increases	1%	Increase by	4.0%	4.2%	Decrease by	3.6%	3.7%
Expected pension increase	1%	Increase by	12.8%	12.8%	Decrease by	10.6%	10.6%

Group and Company							
Impact on post-employment obligations							
			Increase in Assumption by One Year			Decrease in Assumption by One Year	
			2021	2020		2021	2020
Life expectancy		Increase by	2.7%	2.6%	Decrease by	2.8%	2.7%

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. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the pension liability recognised within the statement of financial position.

The methods and types of assumptions used in preparing the sensitivity analysis did not change compared to the previous period.

Other post-employment obligations

The Group operates a number of post-employment benefit schemes, principally in Jamaica. The benefits covered under the schemes include group life, insured and self-insured health care, gratuity and other supplementary plans. Funds are not built up to cover the obligations under these retirement benefit schemes. The method of accounting and the frequency of valuations are similar to those used for defined benefit pension schemes.

In addition to the assumptions used for the pension schemes, the main actuarial assumption is a long term increase in health costs of 6.0% per year (2020: 7.0% per year).

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14. Pensions and Other Post-Employment Obligations (Continued)

Other post-employment obligations (continued)

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

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Present value of unfunded obligations	6,768,762	5,949,279	3,173,684	2,886,721

Movement in the defined benefit obligation is as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Beginning of year	5,949,279	5,799,526	2,886,721	2,768,342
Current service cost	288,712	294,472	87,830	89,802
Interest cost	526,781	428,784	253,981	203,614
Past service cost - vested benefits	5,705	(6,389)	(11,926)	3,131
	821,198	716,867	329,885	296,547
Remeasurements -				
Loss/(gain) from change in demographic assumptions	10,903	(119,776)	(3,883)	(22,209)
Loss/(gain) from change in financial assumptions	183,115	(433,809)	103,171	(184,775)
Experience (gains)/losses	(21,465)	154,369	(23,320)	153,148
	172,553	(399,216)	75,968	(53,836)
Benefits paid	(174,268)	(167,898)	(118,890)	(124,332)
End of year	6,768,762	5,949,279	3,173,684	2,886,721

The amounts recognised in the income statement were as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Current service cost	288,712	294,472	87,830	89,802
Interest cost	526,781	428,784	253,981	203,614
Past service cost	5,705	(6,389)	(11,926)	3,131
Total included in staff costs (Note 28)	821,198	716,867	329,885	296,547

The total charge was included in administration expenses.

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14. Pensions and Other Post-Employment Obligations (Continued)

Other post-employment obligations (continued)

The composition of the liability recognised in relation to the other post-employment obligations in the statement of financial position is as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Gratuity Plan	1,107,248	941,921	613,702	541,814
Group Life Plan	2,017,501	1,576,445	993,481	811,572
Insured Group Health	2,303,705	1,983,153	794,828	701,045
Self Insured Health Plan	831,264	951,784	381,170	445,062
Supplementary Pension Plan	509,044	495,976	390,503	387,228
Liability in the statement of financial position	6,768,762	5,949,279	3,173,684	2,886,721

The sensitivity of the post-employment medical benefits to changes in the principal assumptions is:

Group							
Impact on post-employment obligations							
	Change in Assumption		Increase in Assumption			Decrease in Assumption	
			2021	2020		2021	2020
Discount rate	1%	Decrease by	15.1%	14.9%	Increase by	19.7%	19.3%
Medical inflation rate	1%	Increase by	19.9%	19.6%	Decrease by	15.5%	15.3%

Company							
Impact on post-employment obligations							
	Change in Assumption		Increase in Assumption			Decrease in Assumption	
			2021	2020		2021	2020
Discount rate	1%	Decrease by	13.6%	13.5%	Increase by	17.4%	17.1%
Medical inflation rate	1%	Increase by	17.7%	17.3%	Decrease by	14.0%	13.8%

Risks associated with pension plans and post-employment plans

Through its defined benefit pension plan and other post-employment benefits, the Group is exposed to a number of risks, the most significant of which are detailed below:

Asset volatility

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

As the plan matures, the Group intends to reduce the level of investment risk by investing more in assets that better match the liabilities. This process includes monitoring and rebalancing the asset classes and the maturity profile of assets within these classes. The Government bonds largely represent investments in Government of Jamaica securities.

However, the Group believes that due to the long-term nature of the plan liabilities, a level of continuing equity investment is an appropriate element of the Group's long term strategy to manage the plan efficiently.

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14. Pensions and Other Post-Employment Obligations (Continued)

Risks associated with pension plans and post-employment plans (continued)

Changes in bond yields

A decrease in Government of Jamaica bond yields will increase plan liabilities, although this will be partially offset by an increase in the value of the plans' bond holdings.

Inflation risk

Higher inflation will lead to higher liabilities in the event that discretionary pension increases are granted. The majority of the plan's assets are either unaffected by (fixed interest securities) or loosely correlated with (equities) inflation, meaning that an increase in inflation has the potential to reduce the surplus or create a deficit.

Life expectancy

The majority of the plan's obligations are to provide benefits for the life of the member, so increases in life expectancy will result in an increase in the plan's liabilities. This is particularly significant, where inflationary increases result in higher sensitivity to changes in life expectancy.

The Board of Trustees is ultimately responsible for the establishment and oversight of the plan's risk management framework, including monitoring the overall risk management process, as well as approving policies covering specific areas, such as limits for specific asset classes, foreign exchange risk, credit risk and investment of excess liquidity. The Board is responsible for monitoring the investment portfolio and investment strategies for the plan. A large portion of assets in 2021 consists of money market instruments, bonds and equities.

Funding levels are monitored on an annual basis and the current agreed contribution rate by the Group is 0.02% of pensionable salaries. The next triennial valuation is due to be completed for the plan's financial position as at 31 December 2022. The Group considers that the contribution rates set at the last valuation date to be sufficient to prevent a deficit. Regular contributions, which are based on service costs, will be assessed following the upcoming valuation to determine if any increase is required.

The average duration of the post-employment obligations is as follows:

Plans	Years
Gratuity Plan	8.3
Group Life Plan	21.1
Insured Group Health	21.1
Pension Plan	17.4
Self Insured Health Plan	11.5
Superannuation Plan	7.2

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15. Bank and Other Loans

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Secured on assets	5,828,286	6,533,477	-	-
Unsecured	22,160,232	18,700,231	11,077,468	8,675,862
	27,988,518	25,233,708	11,077,468	8,675,862

- (a) Unsecured loans of subsidiaries are supported by letters of comfort from the parent company. Interest rates on these loans range between 2.1% - 7.0% (2020: 1.6% - 7.2%).

- (b) Bank and other loans comprise:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Bank overdrafts (Note 5)	2,125,500	1,011,318	1,545,681	308,605
Bank borrowings	12,097,975	9,846,994	6,365,105	4,722,078
Lease liabilities (Note 16)	9,144,245	9,037,559	2,674,634	2,895,174
Other loans	4,620,798	5,337,837	492,048	750,005
Total borrowings	27,988,518	25,233,708	11,077,468	8,675,862

Certain bank borrowings are secured on the assets of subsidiaries that have the loans. All other borrowings are unsecured. Included in bank borrowings and other loans is interest payable of \$151,812,000 (2020: \$75,117,000) and \$36,814,000 (2020: \$10,639,000) for the Group and the company, respectively.

Included in bank borrowings and other loans is \$11,943,683,000 (2020: \$10,230,234,000) and \$5,269,375,000 (2020: \$4,262,011,000) for the Group and the company respectively, which matures in the next 12 months.

The fair value of current borrowings approximates their carrying amount, as the impact of discounting is not significant. The fair values are based on cash flows discounted using a rate based on the borrowing rate of 5.08% (2020: 5.51%) and are within level 2 of the fair value hierarchy.

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16. Leases

- (a) Amounts recognised in the statement of financial position

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Properties	7,873,326	7,873,135	2,464,248	2,744,233
Equipment	197,064	207,151	-	-
Motor vehicles	296,265	348,747	-	-
Total right-of-use assets	8,366,655	8,429,033	2,464,248	2,744,233
Current	1,176,509	1,059,538	227,984	215,144
Non-current	7,967,736	7,978,021	2,446,650	2,680,030
Total lease liabilities	9,144,245	9,037,559	2,674,634	2,895,174

Additions to the right-of-use assets were \$923,680,000 (2020: \$971,148,000) and \$1,457,000 (2020: \$116,640,000) for the Group and company respectively.

- (b) Amounts recognised in the income statement

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Depreciation charge of right-of-use assets				
Properties	1,236,027	1,027,266	281,445	289,035
Equipment	54,005	105,346	-	-
Motor vehicles	104,498	157,182	-	-
	1,394,530	1,289,794	281,445	289,035
Interest expense	492,064	439,237	168,448	181,893
Expense relating to short term leases	24,965	40,144	13,619	12,785

The total cash outflow for leases was \$1,334,023,000 (2020: \$921,501,000) and \$404,064,000 (2020: \$410,170,000) for the Group and company respectively.

- (c) Extension and termination options

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option, or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

For leases of office space, warehouses and retail stores, the following factors are normally the most relevant:

- The existence of significant penalties to terminate (or not extend)
- The existence of leasehold improvements that are expected to have a significant remaining value
- Other factors including historical lease durations and the costs and business disruption required to replace the leased asset.

Most extension options in equipment and vehicle leases have not been included in the lease liability, because the Group could replace the assets without significant cost or business disruption.

As at 31 December 2021, potential undiscounted future cash outflows of \$4,551,860,000 (2020: \$4,209,993,000) have not been included in the lease liability because it is not reasonably certain that the leases will be extended (or not terminated).

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17. Payables

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Trade payables	9,348,455	5,524,013	1,708,640	803,494
Insurance payables	2,747,728	2,000,864	-	-
Insurance reserves (a)	10,789,640	9,503,509	-	-
Payable to associates (Note 35 (e))	375,155	328,923	112,881	145,570
Accruals	5,358,315	4,466,552	1,262,209	1,244,153
Customer loyalty programme	384,088	386,951	207,602	190,475
Contract liabilities	617,271	569,364	4,923	3,343
Other payables	6,398,721	5,431,665	777,486	710,122
	36,019,373	28,211,841	4,073,741	3,097,157

All payables balances are due within the next 12 months.

(a) Insurance reserves:

	Group	
	2021	2020
	\$'000	\$'000
Gross –		
Claims outstanding	4,660,200	4,296,531
Provision for claims, IBNR & UCAE	1,127,892	851,545
Unearned premiums	4,581,972	4,000,924
Unearned commissions	419,576	354,509
	10,789,640	9,503,509

18. Provisions

Provisions comprise restoration costs as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At beginning of year	42,602	37,779	-	-
Additional provisions	2,029	1,790	-	-
Exchange differences	3,672	3,033	-	-
At end of year	48,303	42,602	-	-

This relates to the present value of the expected restoration costs to be incurred on the expiring of a lease of property by one of the food trading subsidiaries. The lease will expire in 2034.

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19. Share Capital

	Group and Company			
	2021 Units ('000)	2020 Units ('000)	2021 \$'000	2020 \$'000
Authorised -				
Ordinary shares	1,200,000	1,200,000		
Issued and fully paid -				
Ordinary stock units	995,070	995,013	630,314	627,348
Treasury shares	(5,061)	(5,352)	(345,927)	(321,855)
Issued and outstanding	990,009	989,661	284,387	305,493

- (a) During the year, the company issued 15,000 (2020: 8,000) shares to its employees for cash of \$737,000 (2020: \$340,000) and transferred 42,000 (2020: Nil) units to employees at a fair value of \$2,229,000 (2020: \$Nil). The shares were issued under the Long Term Incentive (LTI) Scheme.
- (b) During the year, the company through its employee investment trust sold Nil (2020: 92,000) units of its own shares at a fair value of \$Nil (2020: \$5,333,000), purchased 1,000,000 (2020: 3,545,000) units at a fair value of \$101,738,000 (2020: \$216,811,000) and transferred 1,291,000 (2020: 1,000,000) units to employees at a fair value of \$103,461,000 (2020: \$71,931,000). The total number of treasury shares held by the company at the end of the year was 5,061,000 (2020: 5,352,000) at a cost of \$345,927,000 (2020: \$321,855,000).
- (c) In 2016, the company commenced operating an LTI Scheme administered by a committee of the Group's Board of Directors. The scheme is governed by the provisions of the 2009 Stock Offer Plan and includes the offer of restricted stock grants and stock options to executive directors and other senior executives. Participating executives are eligible to receive awards of restricted stock grants once certain predetermined Group performance objectives are met. These awards are earned annually following achievement of the performance objectives and are subject to a two year holding period from the end of the performance year after which the stock grants will vest and the executive will be entitled to receive the stock units. The stock option portion of the LTI Scheme is granted annually and vesting is dependent on a time-based criterion.

The following allocation of stock options were made to executive directors and other senior executives:

	25 Feb. 2021	27 Feb. 2020	25 Jun. 2019	10 May 2018	11 May 2017	12 May 2016
Number of shares	3,835,373	3,786,693	1,650,497	1,759,004	1,967,156	2,551,665
Subscription price	\$79.52	\$67.79	\$61.72	\$47.77	\$42.09	\$28.00

The subscription price that the options were granted at is the weighted average price of the company's shares on the Jamaica Stock Exchange for the previous three days prior to the grant date. The total of the grant to each executive director and other senior executive will fully vest on the third anniversary of the grant. After vesting executives will have up to five years to exercise the stock options.

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19. Share Capital (Continued)

(c) Long Term Incentive Scheme (continued)

	2021 Offer	2020 Offer	2019 Offer	2018 Offer	2017 Offer	2016 Offer	Total
2021							
Movement on this option:	'000	'000	'000	'000	'000	'000	'000
At 1 January	-	3,751	1,650	1,474	833	352	8,060
Granted	3,835	-	-	-	-	-	3,835
Exercised	-	-	(51)	(700)	(143)	(83)	(977)
At 31 December	3,835	3,751	1,599	774	690	269	10,918
2020							
Movement on this option:	'000	'000	'000	'000	'000	'000	'000
At 1 January	-	1,650	1,509	1,620	594	5373	5,373
Granted	3,787	-	-	-	-	-	3,787
Exercised	-	-	(35)	(787)	(242)	(1,064)	(1,064)
Forfeited	(36)	-	-	-	-	(36)	(36)
At 31 December	3,751	1,650	1,474	833	352	8,060	8,060

(d) Movements in the number of share options outstanding and their related weighted average exercise price are as follows:

	2021		2020	
	Average exercise price in \$ per share	Options '000	Average exercise price in \$ per share	Options '000
Movement on this option:				
At 1 January	58.49	8,060	48.16	5,373
Granted	79.52	3,835	67.79	3,787
Exercised	46.00	(977)	39.07	(1,064)
Forfeited	-	-	67.79	(36)
At 31 December	67.00	10,918	58.49	8,060

Shares totalling 3,332,000 (2020: 2,711,000) are exercisable at the statement of financial position date.

Share options outstanding at the end of the year have the following expiry date and exercise prices:

	2021		2020	
	Exercise price in \$ per share	Options '000	Options '000	
2023	28.00	269	352	
2024	42.09	690	833	
2025	47.77	774	1,474	
2026	61.72	1,599	1,650	
2027	67.79	3,751	3,751	
2028	79.52	3,835	-	
		10,918	8,060	

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19. Share Capital (Continued)

- (e) The fair value of options granted determined using the Black-Scholes valuation model was \$264,797,000. The significant inputs into the model were the weighted average share prices and exercise prices ranging from \$28.00 to \$79.52 at the grant dates, standard deviation of expected share price returns ranging from 24.5% to 29.3%, option life of eight years and risk-free interest rates ranging between 1.45% to 6.40%. The volatility measured at the standard deviation of expected share price returns is based on statistical analysis of daily share prices over the term of the options. The fair value of potential restricted stock grants to be earned is \$667,001,000 and the fair value of restricted stock grants earned and vested is \$169,380,000.

The expense recognised in the income statement for share-based payments was \$233,232,000 (2020: \$173,327,000).

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20. Capital and Fair Value Reserves

	Group							
	Capital Reserve	Loan Loss Reserve	Fair Value Reserves	Total	Capital Reserve	Loan Loss Reserve	Fair Value Reserves	Total
	2021				2020			
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Realised gains on disposal of assets	120,071	-	-	120,071	102,738	-	-	102,738
Capital distributions received	46,164	-	-	46,164	46,164	-	-	46,164
Realised gain on sale of shares	188,128	-	-	188,128	162,332	-	-	162,332
Profits capitalised by Group companies	1,974,513	-	-	1,974,513	2,034,599	-	-	2,034,599
Unrealised surplus on the revaluation of fixed assets, net of deferred taxes	-	-	3,781,510	3,781,510	-	-	3,752,441	3,752,441
Fair value gains, net of deferred taxes	-	-	1,018,459	1,018,459	-	-	1,408,203	1,408,203
Loan loss reserve	-	235,033	-	235,033	-	235,074	-	235,074
Catastrophe reserve	12,270	-	-	12,270	12,270	-	-	12,270
Other	33,451	-	-	33,451	35,245	-	-	35,245
	2,374,597	235,033	4,799,969	7,409,599	2,393,348	235,074	5,160,644	7,789,066

	Company					
	Capital Reserve	Fair Value Reserves	Total	Capital Reserve	Fair Value Reserves	Total
	2021			2020		
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Capital distributions received	24,507	-	24,507	24,507	-	24,507
Unrealised surplus on the revaluation of fixed assets, net of deferred taxes	-	53,946	53,946	-	53,946	53,946
Fair value gains, net of deferred taxes	-	253,625	253,625	-	183,902	183,902
	24,507	307,571	332,078	24,507	237,848	262,355

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21. Banking Reserves

Banking reserves represent both those reserves required to be maintained by the banking subsidiary, First Global Bank Limited (FGB), in compliance with the Jamaica Banking Services Act; as well as additional reserves that the Banking Services Act permits FGB to transfer from net profit to constitute part of its capital base for purposes of determining the maximum level of deposit liabilities and lending to customers.

22. Other Reserves

	Group		Company	
	Foreign Currency Translation \$'000	Share-based Payments \$'000	Total \$'000	Share-based Payments \$'000
At 1 January 2020	2,697,919	214,239	2,912,158	98,469
Equity holders' share of other comprehensive income	1,113,659	-	1,113,659	-
Share-based payment expense	-	171,781	171,781	121,988
Transfer of treasury shares to employees	-	(71,765)	(71,765)	(58,148)
Exercised directly through equity	-	(27,711)	(27,711)	(13,485)
At 31 December 2020	3,811,578	286,544	4,098,122	148,824
Equity holders' share of other comprehensive income	1,477,207	-	1,477,207	-
Share-based payment expense	-	231,560	231,560	160,174
Transfer of treasury shares to employees	-	(103,185)	(103,185)	(76,255)
Exercised directly through equity	-	(29,145)	(29,145)	(19,549)
Transfer of shares to employees	-	(2,229)	(2,229)	(2,229)
At 31 December 2021	5,288,785	383,545	5,672,330	210,965

- (a) The reserve for foreign currency translation represents foreign exchange differences arising on translation of the Group's foreign operations to the presentation currency, Jamaican dollars.
- (b) The reserve for share-based payments represents stock options and restricted stock units granted under the various equity compensation plans as described in Note 19.

23. Non-Controlling Interests

	2021 \$'000	2020 \$'000
Beginning of year	2,869,068	2,385,277
Share of total comprehensive income:		
Share of net profit of subsidiaries	748,790	638,871
Revaluation surplus	-	17,470
Remeasurement of post-employment benefit obligations	(5,847)	7,136
Other	68,998	39,650
	811,941	703,127
Addition of non-controlling interest (Note 39)	83,216	170,092
Transfer of non-controlling interest	61,880	-
Employee share option scheme: value of services received	1,672	1,546
Share-based payments exercised	(144)	(88)
Transfer of treasury shares to employees	(276)	(166)
Dividends paid	(426,975)	(390,720)
End of year	3,400,382	2,869,068

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23. Non-Controlling Interests (Continued)

All subsidiary undertakings are included in the consolidation. The proportion of the voting rights in the subsidiary undertakings held directly by the parent company do not differ from the proportion of ordinary shares held. The parent company further does not have any shareholdings in the preference shares of subsidiary undertakings included in the Group.

The total non-controlling interest for the period is \$3,400,382,000 of which \$3,002,398,000 is for GraceKennedy Money Services Caribbean SRL. The non-controlling interest in respect of other subsidiaries is not material.

In 2021, the Group increased its shareholdings in Key Insurance Company Limited from 65.2% to 73.2% by way of a renounceable rights issue through the purchase of additional shares in excess of its existing proportionate share. This rights issue had the effect of increasing the overall capital of Key Insurance Company Limited and resulted in an increase of non-controlling interests shown in the table above as an increase of \$83,216,000 and transfer of \$61,880,000.

Summarised financial information on subsidiaries with material non-controlling interests.

Set out below are the summarised financial information for each subsidiary that has non-controlling interests that are material to the Group.

Summarised statement of financial position

	GraceKennedy Money Services Caribbean SRL	
	2021	2020
	\$'000	\$'000
Current		
Assets	13,793,798	10,776,700
Liabilities	(4,097,649)	(2,151,627)
Total current net assets	9,696,149	8,625,073
Non-current		
Assets	4,546,181	4,543,605
Liabilities	(2,232,740)	(2,474,163)
Total non-current net assets	2,313,441	2,069,442
Net assets	12,009,590	10,694,515

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23. Non-Controlling Interests (Continued)

Summarised income statement

	GraceKennedy Money Services Caribbean SRL	
	2021	2020
	\$'000	\$'000
Revenue	9,668,489	9,007,889
Profit before income tax	3,979,746	3,995,164
Taxation expense	(1,155,349)	(1,302,326)
Profit after tax	2,824,397	2,692,838
Other comprehensive income	244,276	185,154
Total comprehensive income	3,068,673	2,877,992
Total comprehensive income allocated to non-controlling interest	767,168	719,498
Dividends paid to non-controlling interest	(425,789)	(390,720)

Summarised cash flows

	GraceKennedy Money Services Caribbean SRL	
	2021	2020
	\$'000	\$'000
Cash flows from operating activities		
Cash generated from operations	5,680,672	3,439,389
Interest paid	(137,392)	(133,911)
Income tax paid	(1,579,413)	(748,054)
Net cash generated from operating activities	3,963,867	2,557,424
Net cash used in investing activities	(249,425)	(447,353)
Net cash used in financing activities	(1,847,527)	(1,608,385)
Net increase in cash and cash equivalents	1,866,915	501,686
Cash and cash equivalents at the beginning of year	7,247,580	6,579,835
Exchange gains on cash and cash equivalents	240,143	166,059
Cash and cash equivalents at end of year	9,354,638	7,247,580

The information above represents amounts before intercompany eliminations.

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24. Segment Information

Management has determined the operating segments based on the reports reviewed by the Executive Committee that are used to make strategic decisions. The Group has four reportable segments which are based on the different types of products and services that it offers. These products and services are described in its principal activities (Note 1). The reportable segments derive their revenue primarily from food trading and financial services. The accounting policies of the operating segments are the same as those described in the summary of significant accounting policies (Note 2). The Group evaluates performance on the basis of profit or loss before tax expense not including post-employment benefits, share-based payments and net corporate central office costs which are shown in unallocated amounts. Segment information also excludes discontinued operations.

The segment information provided to management for the reportable segments is as follows:

Operating segments

	2021					
	Food Trading	Banking & Investments	Insurance	Money Services	Unallocated/ Elimination	Group
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
REVENUE						
External sales	101,559,341	6,856,787	11,225,254	9,668,489	-	129,309,871
Inter-segment sales	220,739	284,179	652,041	-	(1,156,959)	-
Total Revenue	101,780,080	7,140,966	11,877,295	9,668,489	(1,156,959)	129,309,871
Operating results	5,752,532	672,785	1,419,638	4,132,283	81,540	12,058,778
Unallocated expense	-	-	-	-	(157,192)	(157,192)
Profit from operations	-	-	-	-	-	11,901,586
Finance income	13,487	9,555	33,131	22,146	507,973	586,292
Finance expense	(696,228)	(77,102)	(23,200)	(129,038)	(301,104)	(1,226,672)
Share of results of associates and joint ventures	366,477	134,008	(85,574)	-	-	414,911
Profit before taxation	5,436,268	739,246	1,343,995	4,025,391	131,217	11,676,117
Taxation						(2,735,808)
Net Profit						8,940,309
Operating assets	67,803,929	83,537,143	26,155,692	17,585,423	(9,303,329)	185,778,858
Investment in associates and joint ventures	2,309,586	1,970,550	233,942	10,133	-	4,524,211
Unallocated assets	-	-	-	-	9,493,922	9,493,922
Total assets	70,113,515	85,507,693	26,389,634	17,595,556	190,593	199,796,991
Operating liabilities	35,481,494	71,703,886	15,856,697	5,737,028	(9,329,420)	119,449,685
Unallocated liabilities	-	-	-	-	9,341,331	9,341,331
Total liabilities	35,481,494	71,703,886	15,856,697	5,737,028	11,911	128,791,016
Other segment items						
Additions to non-current assets ^(b)	2,874,875	583,249	71,500	260,651	-	3,790,275
Depreciation	(2,096,544)	(306,433)	(122,873)	(278,382)	-	(2,804,232)
Amortisation	(340,628)	(166,528)	(120,445)	(42,590)	-	(670,191)
Impairment	(16,854)	-	-	-	-	(16,854)

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24. Segment Information (Continued)

Operating segments (continued)

	2020					
	Food Trading	Banking & Investments	Insurance	Money Services	Unallocated/ Elimination	Group
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
REVENUE						
External sales	90,826,927	6,313,420	9,337,685	8,959,309	-	115,437,341
Inter-segment sales	217,182	72,468	603,134	-	(892,784)	-
Total Revenue	91,044,109	6,385,888	9,940,819	8,959,309	(892,784)	115,437,341
Operating results	4,259,896	697,960	982,549	4,051,206	58,881	10,050,492
Unallocated expense	-	-	-	-	(221,958)	(221,958)
Profit from operations	-	-	-	-	-	9,828,534
Finance income	9,073	9,879	26,350	24,381	398,183	467,866
Finance expense	(750,783)	(75,084)	(8,769)	(133,636)	(162,685)	(1,130,957)
Share of results of associates and joint ventures	362,136	182,701	(1,305)	-	-	543,532
Profit before taxation	3,880,322	815,456	998,825	3,941,951	72,421	9,708,975
Taxation						(2,852,049)
Net Profit						6,856,926
Operating assets	60,827,519	71,352,829	20,476,911	14,475,450	(8,225,119)	158,907,590
Investment in associates and joint ventures	2,178,355	1,705,820	224,516	10,133	-	4,118,824
Unallocated assets	-	-	-	-	8,669,569	8,669,569
Total assets	63,005,874	73,058,649	20,701,427	14,485,583	444,450	171,695,983
Operating liabilities	31,942,531	59,361,129	13,315,311	3,659,921	(8,211,038)	100,067,854
Unallocated liabilities	-	-	-	-	8,848,802	8,848,802
Total liabilities	31,942,531	59,361,129	13,315,311	3,659,921	637,764	108,916,656
Other segment items						
Additions to non-current assets ^(b)	1,851,428	553,084	41,648	475,035	-	2,921,195
Depreciation	(1,953,609)	(307,640)	(124,546)	(251,962)	-	(2,637,757)
Amortisation	(303,968)	(66,357)	(110,917)	(65,613)	-	(546,855)
Impairment	(3,722)	-	(26,214)	-	-	(29,936)

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24. Segment Information (Continued)

Operating segments (continued)

The profit or loss, assets and liabilities for reportable segments are reconciled to the totals for profit or loss, assets and liabilities as follows:

	Profit before Taxation		Assets		Liabilities	
	2021	2020	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Total for reportable segments	11,544,900	9,636,554	199,606,398	171,251,533	128,779,105	108,278,892
Inter-segment eliminations	-	-	(9,303,329)	(8,225,119)	(9,329,420)	(8,211,038)
Unallocated amounts:						
Corporate central office results	1,267,134	1,056,891	-	-	-	-
Post-employment benefits	(902,685)	(811,143)	-	-	-	-
Share-based payments	(233,232)	(173,327)	-	-	-	-
Taxation recoverable	-	-	1,063,158	767,669	-	-
Deferred tax assets	-	-	1,332,769	1,060,528	-	-
Pension plan asset	-	-	7,097,995	6,841,372	-	-
Taxation	-	-	-	-	789,425	1,077,285
Deferred tax liabilities	-	-	-	-	1,783,144	1,822,238
Other post-employment obligations	-	-	-	-	6,768,762	5,949,279
Total unallocated	131,217	72,421	9,493,922	8,669,569	9,341,331	8,848,802
Total per financial statements	11,676,117	9,708,975	199,796,991	171,695,983	128,791,016	108,916,656

Geographical information

	Revenue ^(a)		Non-current Assets ^(b)	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Jamaica	69,271,855	61,635,395	24,089,973	23,657,554
United Kingdom	15,970,404	13,081,436	2,425,492	2,394,042
United States of America	25,292,724	23,653,182	6,966,429	6,875,221
Canada	9,030,784	7,836,764	541,986	167,054
Other Caribbean countries	8,529,349	7,682,177	3,666,583	1,922,197
Other European countries	1,005,123	1,322,933	-	-
Africa	11,293	-	-	-
Other countries	198,339	225,454	-	-
Total	129,309,871	115,437,341	37,690,463	35,016,068

(a) Revenue is attributed to countries on the basis of the customer's location.

(b) For the purposes of segment information, non-current assets exclude financial instruments, deferred tax assets, post-employment benefit assets and rights arising under insurance contracts, as well as discontinued operations.

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25. Revenues

Revenues can be disaggregated as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Timing of revenue recognition –				
Goods transferred at a point in time	101,559,341	90,826,927	25,282,019	23,005,986
Services transferred at a point in time	13,798,470	12,500,256	-	-
Services transferred over time	139,321	124,481	-	-
Revenue from insurance contracts	9,194,106	7,612,558	-	-
Interest revenue –				
Interest income on investments	1,176,195	1,099,227	-	-
Interest income on loans receivable	3,442,438	3,273,892	-	-
	129,309,871	115,437,341	25,282,019	23,005,986

26. Expense by Nature

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Auditors' remuneration	288,811	254,062	29,224	27,011
Advertising and marketing	3,381,068	3,040,891	1,189,216	1,154,100
Amortisation of intangibles	670,191	546,855	97,952	94,155
Commissions and other money services costs	1,521,005	1,461,679	-	-
Cost of inventory recognised as expense	68,608,641	61,032,303	18,386,675	16,695,890
Depreciation	2,804,232	2,637,757	412,130	395,331
Impairment	16,854	29,936	-	-
Impairment losses on financial assets (net)	441,642	523,486	11,128	79,902
Information technology	1,594,574	1,331,051	599,894	456,902
Insurance	1,089,478	1,019,698	165,371	145,362
Interest expense and other financial services expenses	8,508,006	7,015,734	-	-
Legal, professional and other fees	4,803,476	4,289,633	1,234,275	1,017,180
Occupancy costs	3,065,011	2,656,714	306,009	271,984
Repairs and maintenance expenditure	1,113,176	1,083,355	45,254	57,745
Staff costs (Note 28)	19,559,695	17,714,679	5,514,378	5,124,713
Transportation	2,288,726	1,929,222	568,327	496,967
Other expenses	2,259,227	2,066,360	381,285	345,826
	122,013,813	108,633,415	28,941,118	26,363,068

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27. Other Income

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Dividend income	37,466	45,480	1,930,628	1,855,510
Net foreign exchange gains	1,409,755	1,427,333	525,537	627,763
Change in fair value of investment properties	66,900	60,584	-	-
Change in value of investments – fair value through profit or loss	51,373	(206,796)	-	-
Gain on acquisition of subsidiary (Note 39)	593,535	-	-	-
Gain/(loss) on disposal of investments	48,307	24,814	(3,500)	115,174
(Loss)/gain on disposal of fixed assets	(6,726)	11,024	5,915	2,176
Loss on disposal of assets held for sale	-	(10,901)	-	-
Fees and commissions	1,196,406	806,197	3,873,882	3,432,760
Interest income	388,171	307,991	-	-
Rebates, reimbursements and recoveries	153,248	216,968	61,033	79,749
Rent	232,970	212,402	-	-
Miscellaneous	434,123	129,512	10,746	5,150
	4,605,528	3,024,608	6,404,241	6,118,282

28. Staff Costs

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Wages and salaries	14,024,075	12,880,043	3,628,609	3,484,321
Pension (Note 14)	256,357	262,727	256,357	262,727
Pension contributions to defined contribution scheme (Note 14)	540,568	452,662	129,308	104,211
Other post-employment benefits (Note 14)	821,198	716,867	329,885	296,547
Share-based payments	233,232	173,327	160,174	121,988
Statutory contributions	1,351,546	1,163,103	395,918	340,172
Other costs	2,332,719	2,065,950	614,127	514,747
	19,559,695	17,714,679	5,514,378	5,124,713

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29. Taxation

Taxation is based on the profit for the year adjusted for taxation purposes:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Current tax	2,886,470	2,312,298	249,220	358,203
Adjustment to prior year provision	42,793	382,836	-	-
Deferred tax (Note 13)	(193,455)	156,915	(31,608)	(150,770)
	2,735,808	2,852,049	217,612	207,433

The tax on the Group's and company's profit before tax differs from the theoretical amount that would arise using the tax rate of the home country of the company as follows:

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Profit before tax	11,676,117	9,708,975	2,890,251	2,891,721
Tax calculated at a tax rate of 25%	2,919,029	2,427,244	722,563	722,930
Adjusted for the effects of:				
Different tax rates in other countries	(111,319)	(5,113)	-	-
Different tax rate of regulated Jamaican companies	451,139	501,669	-	-
Income not subject to tax	(411,814)	(286,846)	(529,142)	(528,672)
Expenses not deductible for tax purposes	366,586	230,141	17,271	22,163
Adjustment to prior year provision	42,793	382,836	-	-
Share of profits of associates and joint ventures included net of tax	(103,728)	(135,883)	-	-
Recognition/utilisation of previously unrecognised tax losses	(417,018)	(211,967)	-	-
Urban renewal tax credit	-	(49,920)	-	-
Other	140	(112)	6,920	(8,988)
Tax expense	2,735,808	2,852,049	217,612	207,433

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29. Taxation (Continued)

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

	Group					
	2021			2020		
	Before tax \$'000	Tax charge \$'000	After tax \$'000	Before tax \$'000	Tax (charge)/ credit \$'000	After tax \$'000
<i>Items that will not be reclassified to profit or loss:</i>						
Revaluation surplus	20,469	14,062	34,531	821,764	(165,626)	656,138
Fair value losses	(104,628)	39,757	(64,871)	(389,673)	129,506	(260,167)
Remeasurements of post-employment benefit obligations	339,825	(79,040)	260,785	1,681,213	(433,680)	1,247,533
Share of other comprehensive income of associates and joint ventures	(12,739)	-	(12,739)	80,936	-	80,936
	242,927	(25,221)	217,706	2,194,240	(469,800)	1,724,440
<i>Items that may be subsequently reclassified to profit or loss:</i>						
Foreign currency translation adjustments	1,394,327	-	1,394,327	1,041,404	-	1,041,404
Fair value (losses)/gains	(476,005)	149,756	(326,249)	308,403	(106,602)	201,801
Share of other comprehensive income of associates and joint ventures	153,254	-	153,254	114,911	-	114,911
	1,071,576	149,756	1,221,332	1,464,718	(106,602)	1,358,116
Other comprehensive income	1,314,503	124,535	1,439,038	3,658,958	(576,402)	3,082,556
Deferred tax (Note 13)	-	124,535	-	-	(576,402)	-
	Company					
	2021			2020		
	Before tax \$'000	Tax charge \$'000	After tax \$'000	Before tax \$'000	Tax credit/ (charge) \$'000	After tax \$'000
<i>Items that will not be reclassified to profit or loss:</i>						
Revaluation surplus	-	-	-	15,175	(3,257)	11,918
Fair value gains/(losses)	58,571	(14,643)	43,928	(4,623)	1,156	(3,467)
Remeasurements of post-employment benefit obligations	436,411	(109,103)	327,308	1,335,832	(333,958)	1,001,874
Other comprehensive income	494,982	(123,746)	371,236	1,346,384	(336,059)	1,010,325
Deferred tax (Note 13)	-	(123,746)	-	-	(336,059)	-

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29. Taxation (Continued)

- (a) By letter dated 17 May 2018, the Guyana Revenue Authority (GRA) indicated that GraceKennedy Remittance Services Guyana ('GKRS Guyana') was "incorrectly" classified as a non-commercial company rather than a commercial company. Based on this, the GRA asserted that GKRS Guyana had wrongly paid corporation taxes at the lower non-commercial company rate. GKRS Guyana's tax liability for the period 2010 to 2016 was assessed by the GRA to be the equivalent of J\$253,718,000, excluding penalties and interest if applicable (the "Retroactive Sum").

GKRS Guyana lodged objections to the GRA's assessment on the basis that the GRA wrongly assessed GKRS Guyana as a commercial company and that GKRS Guyana had filed (and the GRA had accepted), returns for a period of over 20 years as a non-commercial company. By letter dated 26 September 2018, received on 4 October 2018, the GRA indicated that it would maintain its assessments despite the objection.

GKRS Guyana filed an appeal on 26 October 2018 and defence in response was filed by the GRA on 21 December 2018. Oral submissions were heard in chambers before the Judge on 27 March 2019 and on 8 July 2019, the court ruled in favour of GKRS Guyana; setting aside the decision by the GRA to reclassify the company as a commercial company and therefore reversing the decision by GRA to impose corporation tax at the commercial rate.

The GRA was granted permission to file an appeal at a hearing held on 27 November 2019. The appeal was filed to the Full Court of the Supreme Court of Guyana and a cross-appeal was filed on behalf of GKRS Guyana. Submissions were filed by both parties and the matter was adjourned to 7 July 2020 for a ruling.

On 20 July 2020, the Full Court delivered its ruling, finding in favour of the GRA in respect of years of income 2010 to 2016. The effect of this ruling was to reverse the earlier decision of the single judge of the Supreme Court and affirm the GRA's stance that GKRS Guyana is liable to pay the Retroactive Sum.

GKRS Guyana, has on the advice of local counsel, appealed the judgment of the Full Court to the Court of Appeal of Guyana. The grounds for appeal include a specific failure of the GRA to explain why it departed from the customary treatment of GKRS Guyana and why it should be stripped of its legitimate expectation to be treated as a non-commercial company for the purposes of Guyanese tax assessment. Counsel for GKRS Guyana has advised that the appeal has significant merit and a date for the hearing of the appeal is being awaited. Notwithstanding that GKRS Guyana is considered to have a strong basis for appeal, having regard to the present ruling, a provision for the assessment was recorded by the Group in 2020.

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30. Net Profit Attributable to the Owners of GraceKennedy Limited

Dealt with as follows in the financial statements of:

	2021 \$'000	2020 \$'000
The company	2,672,639	2,684,288
Intra-group dividends, gain on disposal of subsidiaries within the Group and other eliminations on consolidation	(1,929,304)	(1,968,193)
Adjusted company profit	743,335	716,095
The subsidiaries	7,033,273	4,958,428
The associates and joint ventures	414,911	543,532
	8,191,519	6,218,055

31. Dividends

	2021 \$'000	2020 \$'000
Paid,		
Interim – 45 cents per stock unit (2020 : 40 cents)	445,827	396,905
Interim – 45 cents per stock unit (2020 : 25 cents)	445,828	247,863
Interim – 48 cents per stock unit (2020 : 40 cents)	475,607	396,154
Final – 55 cents per stock unit (2020 : 55 cents)	544,620	544,682
	1,911,882	1,585,604

32. Earnings Per Stock Unit

Basic earnings per stock unit is calculated by dividing the net profit attributable to owners by the weighted average number of ordinary stock units outstanding during the year.

	2021	2020
Net profit attributable to owners (\$'000)	8,191,519	6,218,055
Weighted average number of stock units outstanding ('000)	989,977	989,655
Basic earnings per stock unit (\$)	8.27	6.28

The diluted earnings per stock unit is calculated by adjusting the weighted average number of ordinary stock units outstanding to assume conversion of all dilutive potential ordinary stock units.

- (a) 3,236,000 (2020: 2,476,000) ordinary stock units for the full year in respect of stock options for directors.
- (b) 7,682,000 (2020: 5,584,000) ordinary stock units for the full year in respect of the stock options for managers.
- (c) 5,380,000 (2020: 2,999,000) ordinary stock units for the full year in respect of the restricted stock grants earned.

	2021	2020
Net profit attributable to owners (\$'000)	8,191,519	6,218,055
Weighted average number of stock units outstanding ('000)	989,977	989,655
Adjustment for share options and restricted stock grants ('000)	8,268	3,750
	998,245	993,405
Diluted earnings per stock unit (\$)	8.21	6.26

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33. Cash Flows from Operating Activities

Reconciliation of net profit to cash generated from operating activities:

	Note	Group		Company	
		2021 \$'000	2020 \$'000	2021 \$'000	2020 \$'000
Net profit		8,940,309	6,856,926	2,672,639	2,684,288
Items not affecting cash:					
Depreciation	12	2,804,232	2,637,757	412,130	395,331
Amortisation	11	670,191	546,855	97,952	94,155
Impairment charge		16,854	29,936	-	-
Change in value of investment properties		(66,900)	(60,584)	-	-
Change in value of investments		(51,373)	206,796	-	-
Loss/(gain) on disposal of fixed assets		6,726	(11,024)	(5,915)	(2,176)
Loss on disposal of assets held for sale		-	10,901	-	-
(Gain)/loss on disposal of investments		(48,307)	(24,814)	3,500	(115,174)
Gain on acquisition of subsidiary		(593,535)	-	-	-
Share-based payments	19	233,232	173,327	160,174	121,988
Exchange gain on foreign balances		(282,949)	(239,956)	(386,961)	(329,587)
Interest income – non financial services		(586,292)	(467,866)	(693,562)	(620,135)
Interest income – financial services		(5,006,804)	(4,681,110)	-	-
Interest expense – non financial services		1,226,672	1,130,957	548,453	489,614
Interest expense – financial services		765,004	665,499	-	-
Taxation expense	29	2,735,808	2,852,049	217,612	207,433
Unremitted equity income in associates and joint ventures		(169,872)	(303,543)	-	-
Pension plan surplus		255,755	262,174	255,755	262,174
Other post-employment obligations		646,930	548,969	210,995	172,214
		11,495,681	10,133,249	3,492,772	3,360,125
Changes in working capital components:					
Inventories		(4,795,785)	(1,117,979)	(2,591,326)	133,218
Receivables		(3,310,480)	936,254	(294,239)	114,223
Loans receivable, net		(1,677,522)	139,638	-	-
Payables		7,146,910	129,810	917,607	337,821
Deposits		4,767,294	4,403,367	-	-
Securities sold under repurchase agreements		1,942,665	(3,311,722)	-	-
Subsidiaries		-	-	(1,042,185)	1,462,507
Provisions		5,700	4,823	-	-
Total provided by operating activities		15,574,463	11,317,440	482,629	5,407,894

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33. Cash Flows from Operating Activities (Continued)

Reconciliation of net profit to cash generated from operating activities (continued):

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Cash provided by operating activities	15,574,463	11,317,440	482,629	5,407,894
Interest received – financial services	4,982,477	4,521,288	-	-
Interest paid – financial services	(679,883)	(622,604)	-	-
Translation gains	702,732	516,722	-	-
Taxation paid	(3,512,607)	(1,848,283)	(494,822)	(55,473)
Net cash provided by/(used in) operating activities	17,067,182	13,884,563	(12,193)	5,352,421

Reconciliation of movements of liabilities to cash flows arising from financing activities:

Amounts represent bank and other loans, excluding bank overdrafts

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
At 1 January	24,222,390	23,263,991	8,367,257	8,423,479
Lease liability to acquire right-of-use asset	923,680	971,148	1,457	116,640
On acquisition through business combination (Note 39)	-	16,440	-	-
Loans received	18,547,509	10,791,178	11,510,344	5,320,777
Loans repaid	(18,577,169)	(11,676,657)	(10,318,191)	(5,462,741)
Foreign exchange adjustments	669,914	845,668	(28,055)	(3,905)
Net interest movements	76,694	10,622	(1,025)	(26,993)
At 31 December	25,863,018	24,222,390	9,531,787	8,367,257

34. Contingent Liabilities

- (a) On 20 December 2021, the Board of Inland Revenue in Trinidad and Tobago (Board) raised an assessment on a subsidiary in Trinidad & Tobago for additional corporation tax for income year 2015 for an equivalent of J\$418,478,000, inclusive of interest, if applicable. Subsequent to the year-end, the subsidiary filed an objection to the Board.

The main grounds of the assessment and subsequent objection relates to disallowing certain realised losses on the basis that it was unable to verify aspects of the underlying asset. As part of its objection, the subsidiary has provided documentary evidence to the Board, which are from multiple third party independent sources, to confirm the substance and validity of the deduction.

The subsidiary is of the strong view that the decision will be favourable and expects the most likely outcome will be that the assessment is withdrawn. On this basis, no provision has been recorded.

- (b) The company established a standby letter of credit for the equivalent of \$230,880,000 in favour of the lessors for a warehouse utilised by a food trading subsidiary. The facility is priced at 2% per annum and expires after 1 year with an option to renew annually.
- (c) Various companies in the Group are involved in certain legal proceedings incidental to the normal conduct of business. The management of these companies believes that none of these proceedings, individually or in aggregate, will have a material effect on the Group.

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35. Related Party Transactions and Balances

The following transactions were carried out with related parties:

	Group		Company	
	2021 \$'000	2020 \$'000	2021 \$'000	2020 \$'000
(a) Sales of goods and services				
Sales of goods	5,369	3,168	581,225	542,447
Sales of services	170,649	114,218	3,017,614	2,830,232
(b) Purchase of goods and services				
Purchases of goods	6,088,911	5,488,372	11,025,949	9,892,038
Purchases of services	395,453	357,048	805,037	757,040
(c) Interest				
Interest income	26,671	6,995	147,979	179,107
Interest expense	24,745	19,985	190,669	203,669

Dividends received by the company from subsidiaries and associates were \$1,701,034,000 (2020: \$1,614,427,000) and \$228,270,000 (2020: \$238,592,000) respectively.

(d) Transactions with key management

Key management includes directors (executive and non-executive) and members of the Executive Committee

The compensation of key management for services is shown below:

	Group		Company	
	2021 \$'000	2020 \$'000	2021 \$'000	2020 \$'000
Salaries and other short-term employee benefits	747,239	583,891	542,604	421,213
Fees paid to directors	41,172	37,921	32,665	30,191
Post-employment benefits	84,155	64,875	77,662	59,463
Share-based payments	159,617	117,333	128,306	96,139
	1,032,183	804,020	781,237	607,006

The following amounts are in respect of directors' emoluments:

	Group		Company	
	2021 \$'000	2020 \$'000	2021 \$'000	2020 \$'000
Fees	41,172	37,921	32,665	30,191
Management remuneration	222,575	152,585	222,575	152,585
Consultancy services	18,000	18,000	18,000	18,000
Share-based payments	33,685	23,075	33,685	23,075
	315,432	231,581	306,925	223,851

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35. Related Party Transactions and Balances (Continued)

(d) Transactions with key management (continued)

Transactions with directors and other key management personnel (and their families)

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Sale of goods and services –				
Sales of goods	1,139	1,025	679	570
Sales of services	3,699	3,027	-	-
Purchase of goods and services –				
Purchase of services	4,040	1,706	4,040	1,706
Interest earned and incurred –				
Interest income	11,052	1,899	-	-
Interest expense	6,474	4,578	-	-

(e) Year-end balances with related parties

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Cash and deposits with subsidiaries	-	-	952,877	1,734,513
Investment securities with subsidiaries	-	-	299,666	177,583
Receivable from subsidiaries	-	-	1,716,883	1,424,243
Receivable from associates and joint ventures (Note 7)	24,757	16,107	22,514	14,522
Loans receivable from subsidiaries (Note 9)	-	-	2,888,921	2,402,046
Loans receivable from associates and joint ventures (Note 9)	482,848	-	-	-
Payable to subsidiaries	-	-	3,587,877	4,337,422
Payable to associates and joint ventures (Note 17)	375,155	328,923	112,881	145,570
Loans & leases payable to subsidiaries	-	-	2,529,533	2,712,076
Deposits payable to associates and joint ventures	115,628	1,117,060	-	-

(f) Loans to related parties

Loans receivable from subsidiaries are repayable in the years 2022 - 2025 and bear interest at 2.5% - 6.5% (2020: 2.5% - 6.75%). No provision was required in 2021 and 2020 for loans made to subsidiaries.

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35. Related Party Transactions and Balances (Continued)

(f) Loans to related parties (continued)

	Company	
	2021	2020
	\$'000	\$'000
Loans to subsidiaries:		
At 1 January	2,402,046	1,981,257
Loans advanced during the year	1,075,761	1,599,024
Loan repayments received	(631,217)	(1,190,838)
Exchange differences	32,846	22,505
Interest charged	117,772	109,243
Interest received	(108,287)	(119,145)
At 31 December	2,888,921	2,402,046

(g) Year end balances with directors and other key management

Balances with directors and other key management personnel (and their families)

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Receivables	5,221	1,044	125	169
Loans receivable	224,134	146,311	38,766	45,227
Payables	5,035	31,475	-	-
Loans payable	20,187	22,585	-	-
Deposits payable	460,288	292,345	-	-

(h) Loans to directors and other key management

The loans receivable attract interest at rates ranging between 0% - 10.76% (2020: 0% - 12.5%) and are repayable in the years 2022 - 2045. These loans are secured and are made on terms similar to those offered to other employees. No provision was required in 2021 and 2020 for the loans made to directors and senior managers.

	Group		Company	
	2021	2020	2021	2020
	\$'000	\$'000	\$'000	\$'000
Loans to directors and other key management:				
At 1 January	146,311	123,732	45,227	51,688
Loans advanced during the year	94,277	31,328	-	-
Loan repayments received	(17,036)	(8,749)	(6,461)	(6,461)
Interest charged	11,052	1,899	-	-
Interest received	(10,470)	(1,899)	-	-
At 31 December	224,134	146,311	38,766	45,227

(i) Share options granted to directors

The outstanding number of share options granted to the directors of the company at the end of the year was 3,236,000 (2020: 2,476,000).

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36. Fair Values Estimation

Financial Instruments

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

The following tables provide an analysis of the Group's and company's financial instruments held as at 31 December that, subsequent to initial recognition, are measured at fair value. The financial instruments are grouped into levels 1 to 3 based on the degree to which the fair values are observable, as follows:

- Level 1 includes those instruments which are measured based on quoted prices in active markets for identical assets or liabilities.
- Level 2 includes those instruments which are measured using inputs other than quoted prices within level 1 that are observable for the asset or liability, either directly (that is, as prices) or indirectly (that is, derived from prices).
- Level 3 includes those instruments which are measured using valuation techniques that include inputs for the instrument that are not based on observable market data (unobservable inputs).

	Group			
	2021			
	Level 1	Level 2	Level 3	Total
	\$'000	\$'000	\$'000	\$'000
Assets				
Financial assets at fair value through other comprehensive income:				
Quoted equities	1,202,183	-	-	1,202,183
Government of Jamaica securities	-	7,572,896	-	7,572,896
Foreign governments	-	701,938	-	701,938
Corporate bonds	-	1,797,204	-	1,797,204
Other debt securities	-	2,794	-	2,794
Other	3,144	-	-	3,144
Financial assets at fair value through profit or loss:				
Quoted equities	746,639	-	-	746,639
Total Assets	1,951,966	10,074,832	-	12,026,798

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36. Fair Values Estimation (Continued)

Financial Instruments (continued)

Group				
2020				
	Level 1	Level 2	Level 3	Total
	\$'000	\$'000	\$'000	\$'000
Assets				
Financial assets at fair value through other comprehensive income:				
Quoted equities	1,162,192	-	-	1,162,192
Government of Jamaica securities	-	6,798,108	-	6,798,108
Foreign governments	-	746,906	-	746,906
Corporate bonds	-	1,955,862	-	1,955,862
Other	1,530	1,614	-	3,144
Financial assets at fair value through profit or loss:				
Quoted equities	541,517	-	-	541,517
Total Assets	1,705,239	9,502,490	-	11,207,729

Company				
2021				
	Level 1	Level 2	Level 3	Total
	\$'000	\$'000	\$'000	\$'000
Assets				
Financial assets at fair value through other comprehensive income:				
Quoted equities	136,678	-	-	136,678
Total Assets	136,678	-	-	136,678

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36. Fair Values Estimation (Continued)

Financial Instruments (continued)

	Company			
	2020			
	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000	Total \$'000
Assets				
Financial assets at fair value through other comprehensive income:				
Quoted equities	78,106	-	-	78,106
Total Assets	78,106	-	-	78,106

The fair value of financial instruments traded in active markets is based on quoted market prices at the statement of financial position date. 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 held by the Group is the current bid price. These instruments are included in level 1. Instruments included in level 1 comprise primarily equity investments listed on a public stock exchange classified as either fair value through other comprehensive income or fair value through profit or loss.

The fair value of financial instruments that are not traded in an active market (for example, over-the-counter derivatives) 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.

If one or more of the significant inputs is not based on observable market data, the instrument is included in level 3.

Specific valuation techniques used to value financial instruments include:

- Quoted market prices or dealer quotes for similar instruments.
- The fair value of interest rate swaps is calculated as the present value of the estimated future cash flows based on observable yield curves.
- The fair value of forward foreign exchange contracts is determined using forward exchange rates at the statement of financial position date, with the resulting value discounted back to present value.
- Other techniques, such as discounted cash flow analysis, are used to determine fair value for the remaining financial instruments.

Note that all of the resulting fair value estimates are included in level 2.

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36. Fair Values Estimation (Continued)

Fair Value of Land and Buildings and Investment Properties

An independent valuation of the Group's land and buildings was performed by valuers to determine the fair value of the land and buildings as at 31 December 2020. The revaluation surplus net of applicable deferred income taxes was credited to other comprehensive income and is shown in 'capital and fair value reserves' in shareholders' equity (Note 20). The following table analyses the non-financial assets carried at fair value, by valuation method. The different levels have been defined as follows:

- Quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1).
- Inputs other than quoted prices included within level 1 that are observable for the asset or liability, either directly (that is, as prices) or indirectly (that is, derived from prices) (Level 2).
- Inputs for the asset or liability that are not based on observable market data (that is, unobservable inputs) (Level 3).

Land and buildings and investment properties are classified as level 3. The valuations have been performed using the sales comparison and income approaches for all properties except the Distribution Centre and Group Headquarters, which is valued using the cost approach.

The carrying value of land and buildings classified as level 3 is \$11,758,010,000 (2020: \$11,455,249,000) and \$92,200,000 (2020: \$94,000,000) for the Group and company respectively.

The carrying value of investment properties classified as level 3 is \$765,900,000 (2020: \$925,734,000).

Reconciliation of the opening and closing balances of the Group's land and buildings:

	Group headquarters	Distribution center	Other land and buildings	Total
	2021			
	\$'000	\$'000	\$'000	\$'000
At 1 January 2020	-	4,363,461	5,678,807	10,042,268
Transfers to/from Level 3	3,039,485	-	(3,039,485)	-
Acquisition of subsidiary	-	-	178,989	178,989
Additions and transfers in	149,762	47,152	360,916	557,830
Revaluation adjustment	70,093	312,020	439,650	821,763
Depreciation	(62,140)	(112,633)	(31,833)	(206,606)
Translation adjustment	-	-	61,005	61,005
At 31 December 2020	3,197,200	4,610,000	3,648,049	11,455,249
Additions and transfers in	13,362	109,318	63,108	185,788
Revaluation adjustment	-	-	20,469	20,469
Disposals and transfers out	-	-	225,388	225,388
Depreciation	(66,297)	(116,008)	(36,926)	(219,231)
Translation adjustment	-	-	90,347	90,347
At 31 December 2021	3,144,265	4,603,310	4,010,435	11,758,010

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36. Fair Values Estimation (Continued)

Fair Value of Land and Buildings and Investment Properties (continued)

A reconciliation of the opening and closing balances for the company's land and buildings and the Group's investment properties are disclosed in Notes 12 and 38 respectively.

Valuation processes of the Group

On a biennial basis, the Group engages external, independent and qualified valuers to determine the fair value of the Group's land and buildings. The most recent valuations were performed as at 31 December 2020. The Group engages external, independent and qualified valuers to determine the fair value of its investment properties on an annual basis.

Sales Comparison Approach

There have been a limited number of similar sales in the local market, and consequently the sales comparison approach incorporates unobservable inputs which in the valuator's judgement reflects suitable adjustments regarding size, age, condition, time of sale, quality of land and buildings and improvements. The most significant input into this valuation is the price per square foot. The higher the price per square foot the higher the fair value.

Income Approach

The projected net income of the subject properties are discounted using an appropriate capitalisation rate. The most significant inputs to this valuation are the rental rate per square foot and the capitalisation rate. Rental rates of the subject properties are adjusted to reflect the market rent for properties of similar size, location and condition. The higher the rental rate per square foot the higher the fair value. The higher the capitalisation rate the lower the fair value. The average rent per square foot ranges between \$600 to \$650 and the capitalisation rate ranges between 8% - 9%.

Cost Approach

The fair values of the Distribution Centre and Group Headquarters amounting to \$4,603,310,000 (2020: \$4,610,000,000) and \$3,144,265,000 (2020: \$3,197,200,000) have been determined using the cost approach due to specialised nature of the assets. The key inputs into this valuation are shown in the table below.

Unobservable inputs	Range of unobservable inputs - Distribution Centre	Range of unobservable inputs - Group Headquarters	Relationship of unobservable inputs
Certified costs of construction as at date of completion of property	US\$21,500,000 - US\$22,000,000	J\$2,997,445,000	The higher the costs of construction the higher the fair value
Rate of increase in construction costs from date of last valuation	2021: 5% -10% 2020: 5% - 10%	2021: 4% -5% 2020: 4% -5%	The higher the rate of increase in construction costs the higher the fair value
Professional fees - architects, quantity surveyors, engineers	2021: 7% 2020: 7%	2021: 7% 2020: 7%	The higher the professional fees the higher the fair value
Interest cost	2021: 15% 2020: 15%	2021: 15% 2021: 15%	The higher the interest cost the higher the fair value
Estimated profit margin required by developer	2021: 5.5% 2020: 5.5%	2021: 5.5% 2020: 5.5%	The higher the developer's profit the higher the fair value
Rate of obsolescence	2021: 14% 2020: 14%	2021: 10% 2020: 10%	The higher the rate of obsolescence the lower the fair value

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37. Financial Instruments by Category

	Group			
	Assets at amortised cost \$'000	Assets at fair value through profit or loss \$'000	Assets at fair value through other comprehensive income \$'000	Total \$'000
At 31 December 2021:				
Cash and deposits	30,036,681	-	-	30,036,681
Investment securities and pledged assets	37,813,970	746,639	11,280,159	49,840,768
Loans receivable	33,322,490	-	-	33,322,490
Trade and other receivables	16,022,291	-	-	16,022,291
Total financial assets	117,195,432	746,639	11,280,159	129,222,230

	Group			
	Assets at amortised cost \$'000	Assets at fair value through profit or loss \$'000	Assets at fair value through other comprehensive income \$'000	Total \$'000
At 31 December 2020:				
Cash and deposits	24,331,106	-	-	24,331,106
Investment securities and pledged assets	29,916,606	541,517	10,666,212	41,124,335
Loans receivable	31,250,331	-	-	31,250,331
Trade and other receivables	12,876,937	-	-	12,876,937
Total financial assets	98,374,980	541,517	10,666,212	109,582,709

	Group	
		Other financial liabilities at amortised cost \$'000
At 31 December 2021:		
Deposits		48,143,926
Securities sold under agreements to repurchase		7,249,565
Bank and other loans		27,988,518
Trade and other payables		31,017,825
Total financial liabilities		114,399,834

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37. Financial Instruments by Category (Continued)

	Group	Other financial liabilities at amortised cost \$'000
At 31 December 2020:		
Deposits		41,611,220
Securities sold under agreements to repurchase		4,968,483
Bank and other loans		25,233,708
Trade and other payables		23,856,408
Total financial liabilities		95,669,819

	Company		
	Assets at amortised cost \$'000	Assets at fair value through other comprehensive income \$'000	Total \$'000
At 31 December 2021:			
Cash and deposits	3,200,012	-	3,200,012
Investment securities and pledged assets	8,028,473	136,678	8,165,151
Loans receivable	2,947,137	-	2,947,137
Trade and other receivables	1,738,894	-	1,738,894
Subsidiaries	1,716,883	-	1,716,883
Total financial assets	17,631,399	136,678	17,768,077

	Company		
	Assets at amortised cost \$'000	Assets at fair value through other comprehensive income \$'000	Total \$'000
At 31 December 2020:			
Cash and deposits	5,403,813	-	5,403,813
Investment securities and pledged assets	6,800,010	78,106	6,878,116
Loans receivable	2,469,965	-	2,469,965
Trade and other receivables	1,434,166	-	1,434,166
Subsidiaries	1,424,243	-	1,424,243
Total financial assets	17,532,197	78,106	17,610,303

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37. Financial Instruments by Category (Continued)

	Company	Other financial liabilities at amortised cost \$'000
At 31 December 2021:		
Bank and other loans		11,077,468
Trade and other payables		4,073,741
Subsidiaries		3,587,877
Total financial liabilities		18,739,086

	Company	Other financial liabilities at amortised cost \$'000
At 31 December 2020:		
Bank and other loans		8,675,862
Trade and other payables		3,097,157
Subsidiaries		4,337,422
Total financial liabilities		16,110,441

38. Investment Properties

	Group	
	2021 \$'000	2020 \$'000
At 1 January	925,734	665,000
Acquisitions through business combinations (Note 39)	-	200,150
Change in fair value	66,900	60,584
Transfer to fixed assets (Note 12)	(226,734)	-
At 31 December	765,900	925,734

The following amounts have been recognised in the income statement:

	Group	
	2021 \$'000	2020 \$'000
Rental income arising from investment properties	50,991	40,938
Direct operating expenses arising from investment properties	17,570	25,669

Investment properties comprise commercial properties that are leased to third parties.

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39. Business Combinations

On 31 July 2021, the Group acquired 100.0% of the share capital of Scotia Insurance Eastern Caribbean Limited (the company), which is domiciled in St. Lucia and licensed to conduct ordinary long term insurance and personal accident insurance. The company currently conducts creditor life insurance business and operates within the territories of Anguilla, Antigua and Barbuda, Dominica, Grenada, St. Kitts and Nevis, St. Lucia and St. Vincent and the Grenadines.

The company subsequently changed its name to GK Life Insurance Eastern Caribbean Limited (GK Life).

The purchase consideration on the date of acquisition comprised an initial payment of \$637,778,000 and contingent consideration of \$476,933,000. The contingent consideration is dependent on the relative achievement of a gross premium income target over a period ending 31 October 2022 and is payable once the target is satisfied.

The fair value of insurance and other receivables on acquisition date was \$1,829,000.

GK Life contributed revenue of \$244,057,000 and profit after tax of \$93,458,000 to the Group since being acquired.

Had the business been consolidated from 1 January 2021, the consolidated income statement would show pro-forma revenue of \$129,682,602,000 and profit after tax of \$9,153,539,000. The amounts have been calculated by adjusting the results of the subsidiary to reflect the additional amortisation that would have been charged assuming the fair value adjustments to intangible assets had applied from 1 January 2021, together with the consequential tax effects.

A gain of \$593,535,000 was realised on the acquisition due to the value of intangible assets acquired, being insurance licenses and Bancassurance Agreement, exceeding the premium paid above book value. A significant factor contributing to the gain was the basis of the business outlook reflecting the vendor's plan to exit the specific markets. The gain is shown in other income (Note 27) in the income statement.

Acquisition-related costs of \$24,747,000 have been charged to administration expenses in the consolidated income statement for the year ended 31 December 2021.

The following table summarises the purchase consideration, net assets acquired and gain on acquisition:

	31 July 2021
	\$'000
Purchase consideration:	
Cash paid on date of acquisition	637,778
Balance due on contingent consideration	476,933
Total purchase consideration	1,114,711
Assets and liabilities arising from the acquisition:	
Cash and cash equivalents	370,690
Fixed assets (Note 12)	4,129
Licences (included in intangibles) (Note 11)	190,556
Bancassurance agreements (included in intangibles) (Note 11)	894,445
Investment securities	430,286
Insurance and other receivables	1,829
Insurance and other payables	(12,048)
Insurance reserves	(118,095)
Taxation payable	(53,546)
Fair value of net assets acquired	1,708,246
Gain on acquisition of subsidiary (Note 27)	(593,535)
Purchase consideration settled in cash	637,778
Cash and cash equivalents in business acquired	(370,690)
Cash outflow on acquisition	267,088

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39. Business Combinations (Continued)

In the prior year, the Group acquired 65.2% of the share capital of Key Insurance Company Limited, a general insurance entity which underwrites motor, property and casualty insurance in Jamaica.

	\$'000
Total consideration	490,616
Fair value of net assets acquired	(488,771)
Non-controlling interest (Note 23)	170,092
Goodwill (Note 11)	171,937
Purchase consideration settled in cash	490,616
Cash and cash equivalents in business acquired	(667,456)
Cash inflow at end of year	(176,840)

40. Subsequent Events

- (a) On 12 January 2022, the Group acquired an additional 10% of the share capital of Barbadian company, CSGK Finance Holdings Limited, for a purchase consideration of \$401 million. The company, which operates through its wholly owned subsidiary SigniaGlobe Financial Group Inc., engages in lending, motor vehicle leasing and the acceptance of deposits, and is also an authorised foreign exchange dealer and licensed stock broker. The share purchase brings the Group's total shareholdings in the company to 50%, having previously held 40% of the share capital since 2003.
- (b) On 14 February 2022, the Group made an employee stock offer to its staff to commemorate the Group's 100th anniversary in business. The offer allows permanent staff and certain other direct hires to purchase up to 2,000 stock units at a 25% discount on the market price as at 31 January 2022 and receive 100 shares as a grant when a minimum of 1,000 stock units are purchased. The offer will close on 31 March 2022.
- (c) On 1 March 2022, the Board of Directors approved an interim dividend in respect of 2022 of 48 cents per ordinary stock unit. The dividend is payable on 8 April 2022 to shareholders on record as at 18 March 2022.

41. Impact of Covid-19

As a result of the Covid-19 pandemic, the Group continues to be exposed to an elevated level of credit risk, liquidity risk, foreign currency risk, and price risk, with the most significant exposures relating to credit and price risk. The Group has also experienced an elevated level of supply chain risk during the period.

The nature and extent of the impact on the Group's financial position, results and cash flows continues to evolve given the rapid pace of change and the elevated level of uncertainty.

The Group continues to actively monitor and manage the identified risks through its Executive Management and Covid-19 Committees. In response to the specific financial risks identified, the Group has employed several measures, including robust monitoring of the loans receivable portfolio, managing investment portfolio positions, maintaining adequate safety stock levels and establishing alternative supplier relationships.