



香港按揭證券有限公司
The Hong Kong Mortgage Corporation Limited

ANNUAL REPORT 年報

2018

Established in March 1997, The Hong Kong Mortgage Corporation Limited is wholly owned by the Hong Kong Special Administrative Region Government through the Exchange Fund. It has three wholly-owned subsidiaries, HKMC Insurance Limited, HKMC Annuity Limited and HKMC Mortgage Management Limited.

Missions

To promote:

- stability of the banking sector
- wider home ownership
- development of the local debt market
- development of retirement planning market

Credit Ratings

	S&P		Moody's	
	Short-term	Long-term	Short-term	Long-term
Local Currency	A-1+	AA+ (Stable)	P-1	Aa2 (Stable)
Foreign Currency	A-1+	AA+ (Stable)	P-1	Aa2 (Stable)

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Financial Highlights

	2018 HK\$'000	2017 HK\$'000	2016 HK\$'000
FOR THE YEAR			
Net interest income	536,209	507,578	490,642
Profit attributable to shareholders	126,558⁴	806,395	603,984
Loan purchases	287,705	315,793	205,771
Debts issuance ¹	12,424,465	17,856,470	16,175,123
Net premiums written			
– General insurance businesses	565,739	417,076	367,562
– Annuity business	2,780,240	n.a.	n.a.
AT YEAR END			
Loan portfolio, net	6,442,064	7,829,441	9,533,961
Debt securities issued	37,292,877	34,840,706	34,233,467
Risk-in-force			
– Mortgage insurance ²	19,723,956	17,588,701	14,104,839
– Reverse mortgage insurance ³	9,644,152	6,875,721	4,315,944
OTHER STATISTICS			
Net interest margin	1.1%	1.1%	1.0%
Capital adequacy ratio	26.8%	21.0%	21.3%
Cost-to-income ratio	86.0%⁴	26.8%	30.8%
Return on shareholders' equity	0.9%⁴	8.6%	6.8%

¹ For debts with tenor of one year or above.

² The risk-in-force excludes exposure that has been covered by quota-share reinsurance arrangement.

³ The risk-in-force includes the outstanding balance and undrawn commitment of a reverse mortgage loan. Undrawn commitment refers to the amount of expected future payout to the borrower based on the payment term.

⁴ For comparison purposes, the adjusted attributable profit to shareholders, return on shareholders' equity and cost-to-income ratio for 2018 would be HK\$515 million, 5.1% and 36.7% respectively after excluding an accounting loss made by the HKMC Annuity Limited, a wholly-owned subsidiary of the HKMC, for maintaining prudent statutory reserves based on actuarial assumptions for the annuity business.

Chairman's Statement

Chairman's Statement

Embarking on new businesses in furtherance of core missions and social objectives.



Chan Mo-po, Paul
Chairman

Global economic growth continued into 2018 but started to lose momentum in the second half of the year. The trade conflict between the U.S. and China weighed on economic sentiments around the world, and its impacts on international trade flows and investment activities were increasingly felt. Against this backdrop, global market volatility was heightened along with ongoing monetary policy normalisation in the U.S. as well as across other major economies. Growth momentum in many Asian economies slowed in the second half of the year, as the impact of moderating global economic growth and the U.S.-China trade tension gradually surfaced.

In Hong Kong, despite that our economy decelerated visibly in the second half of the year, we still managed to record another year of above-trend growth for 2018 as a whole. Following a moderate local interest rate hike and the HKSAR Government's announcement of numerous initiatives and policies to increase land and housing supply, the buoyant residential property market in Hong Kong consolidated somewhat towards the year end.

Purchase of Mortgage Assets

The Group purchased mortgage assets of about HK\$287.7 million in 2018 (2017: HK\$316 million) as ample liquidity in the banking system continued to dampen banks' appetite in offloading mortgage assets. In recognition of its pivotal role to reinforce banking and financial stability of Hong Kong, the Group stands ready to purchase mortgage loans from the banking sector should the need arise.

Promoting Development of Debt Market

The Group has been playing a key role in promoting the development of the local debt market. It has remained a major and active corporate debt issuer in Hong Kong for more than a decade. In 2018, the Group issued debt securities in different currencies (with tenor of one year or above) totalling around HK\$12.4 billion to fulfil its refinancing needs and support its business activities. The Group also attained a credit rating of AA+ from Standard & Poor's and Aa2 from Moody's, same as those of the HKSAR Government.

Supporting Home Ownership

The Mortgage Insurance Programme (**MIP**) is an integral part of the property mortgage market in Hong Kong. Since its inception in 1999, the MIP has been fostering wider home ownership in Hong Kong in the pursuit of the Group's core missions by making home purchase more affordable and accessible. The Group has thus far assisted more than 141,600 families to buy their own homes, demonstrating immense popularity of the MIP. In 2018, demand for the MIP remained steady and the total amount of mortgage loans drawn down under the MIP was HK\$32.5 billion (2017: HK\$32.3 billion).

Continuing Support for Small and Medium Enterprises

Hong Kong is home to about 340,000 small and medium enterprises (**SMEs**), constituting almost the entire community of local enterprises. The HKSAR Government remains committed to supporting SMEs by extending the offering period for the 80% guarantee product of the SME Financing Guarantee Scheme (**SFGS**) under the entrusted operation of the Group. The SFGS provides a useful platform to help SMEs obtain bank financing in order to grasp economic opportunities and boost their competitiveness. During the year, the Group maintained close and fruitful communication with participating banks, SME associations as well as commerce and industry chambers to enhance public awareness and understanding of the SFGS. As at the end of 2018, the Group has approved more than 14,500 applications for a total loan amount of about HK\$58.5 billion, and more than 8,500 local SMEs with more than 224,700 employees have benefitted from the SFGS so far.

Providing Homeowners with More Retirement Financing Options

The Group launched its Reverse Mortgage Programme (**RMP**) in 2011 to provide homeowners with a new financial planning option to secure a stream of steady cash flow on retirement. The RMP was extended in October 2016 to cover subsidised sale flats with unpaid land premium under most of the subsidised housing schemes of the Hong Kong Housing Authority and of the Hong Kong Housing Society. With the successful implementation of the Group's ongoing and focused educational initiatives, market receptiveness of the RMP has grown continuously. The business recorded a solid growth in the number of applications received in 2018 by 7.5% as compared to 2017. In the light of stronger public awareness of retirement planning, the Group will continue to deliver on its mission and promote the development of retirement planning market to cater for the needs of retirees and the public.

Facilitating Better Retirement Planning

A better retirement planning is of utmost importance to sustaining the quality of living after retirement. To provide an alternative retirement financial solution, the Group ventured into a new business initiative and launched the HKMC Annuity Plan (**Plan**) in July 2018 with the aim of facilitating retirement planning and promoting the development of the local annuity market. The Plan helps the elderly turn their lump sum cash into a stream of fixed monthly income for life. Stimulated by the inaugural launch of the Plan, the local annuity market saw a rapid growth for the year. In response to market feedback, the second launch took place in December with enhancements to the Plan offering greater financial protection, more flexible product features as well as an open application period to allow policy purchase at any time. By the end of the year, a total of 5,422 policies were issued under the Plan with a total premium receipt of around HK\$2.8 billion and an average premium receipt of around HK\$513,000 for each policy.

Financial Performance for 2018

Profit attributable to shareholders technically dropped to HK\$127 million (2017: HK\$806 million), mainly reflecting the accounting loss due to the Group's new annuity business for maintaining prudent statutory reserves, the absence in 2018 of a non-recurring investment disposal gain for 2017, and resources utilised for supporting certain policy initiatives of the HKSAR Government. Notwithstanding its reported accounting loss, the embedded value of the annuity business was about HK\$5.2 billion, indicating that the business should be profitable in the long term.

The capital adequacy ratio stood solid at 26.8% (2017: 21%) so as to preserve capital for business development. The respective solvency ratios of the Group's two insurance subsidiaries were about 42 times for general insurance business and 34 times for annuity business, each well above the relevant minimum regulatory requirements.

Outlook for 2019

Looking ahead, the global financial markets will be subject to considerable uncertainties arising from moderating global economic growth, the U.S.-China trade conflict and other macroeconomic and geopolitical factors. While the Federal Reserve suggested in March that it would slow down the

pace of interest rate adjustment and end balance sheet run-off in September, the future course of U.S. interest rates would still be data-dependant and remain uncertain. Market expectations may vary with the economic environment, resulting in greater fluctuations in the global financial markets. The uncertain global economic outlook will restrain Hong Kong's economic performance, and the local financial and assets markets will also be subject to risk of fluctuations. The Group will conduct new and existing businesses prudently in furtherance of its core missions and social objectives.

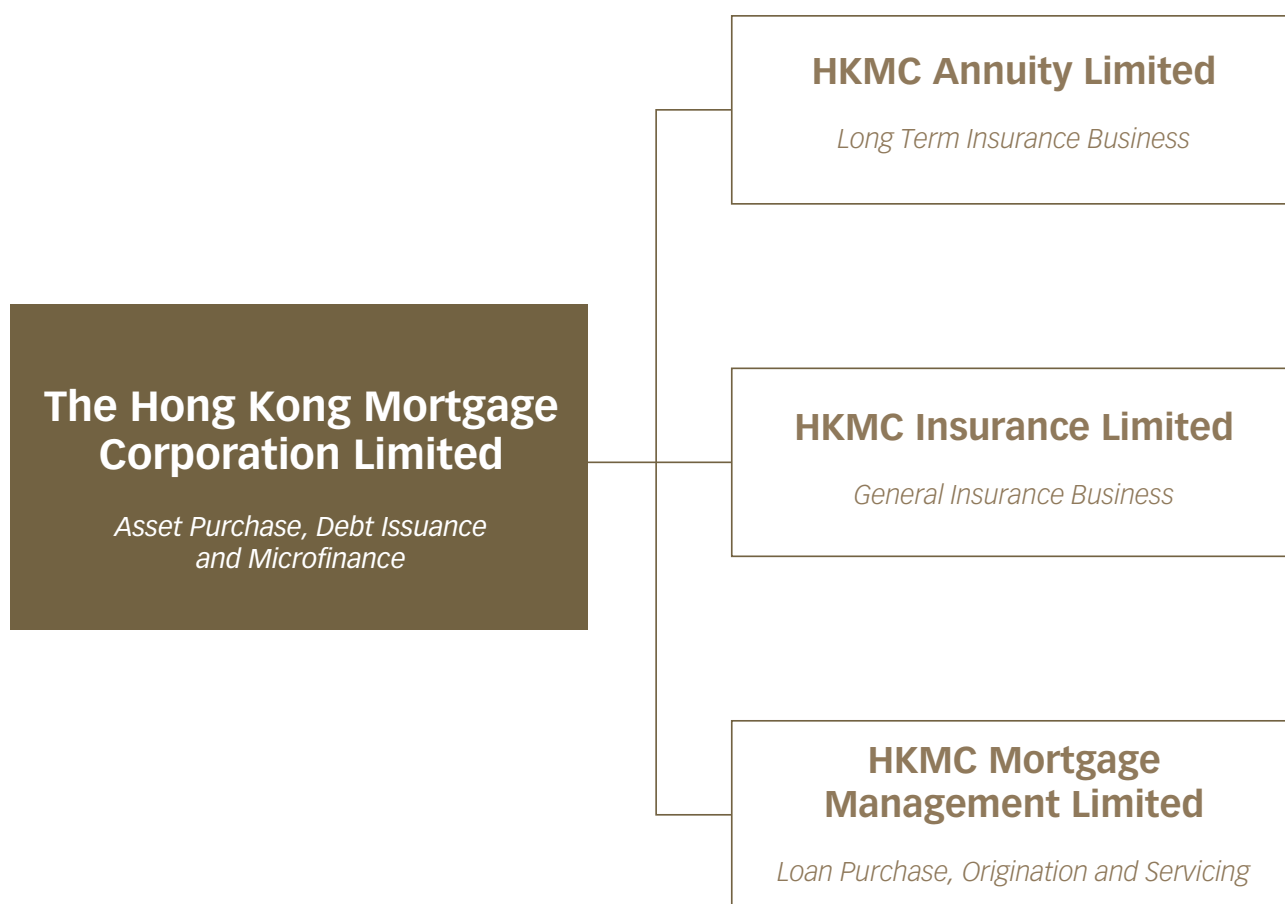
Finally, I would like to express my heartfelt gratitude to fellow Board Directors, the Management and staff for their dedicated work and tremendous support.

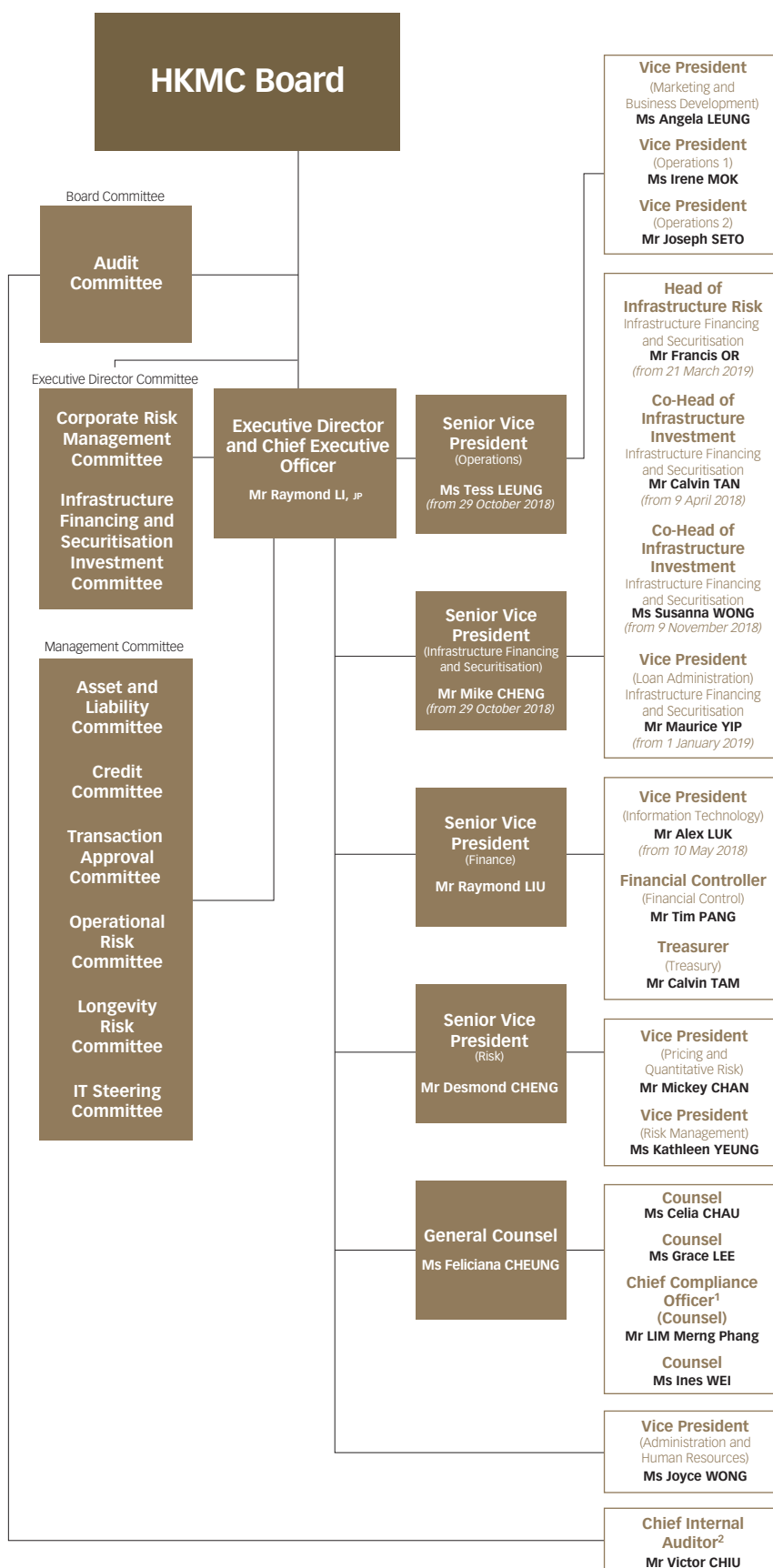


Chan Mo-po, Paul
Chairman

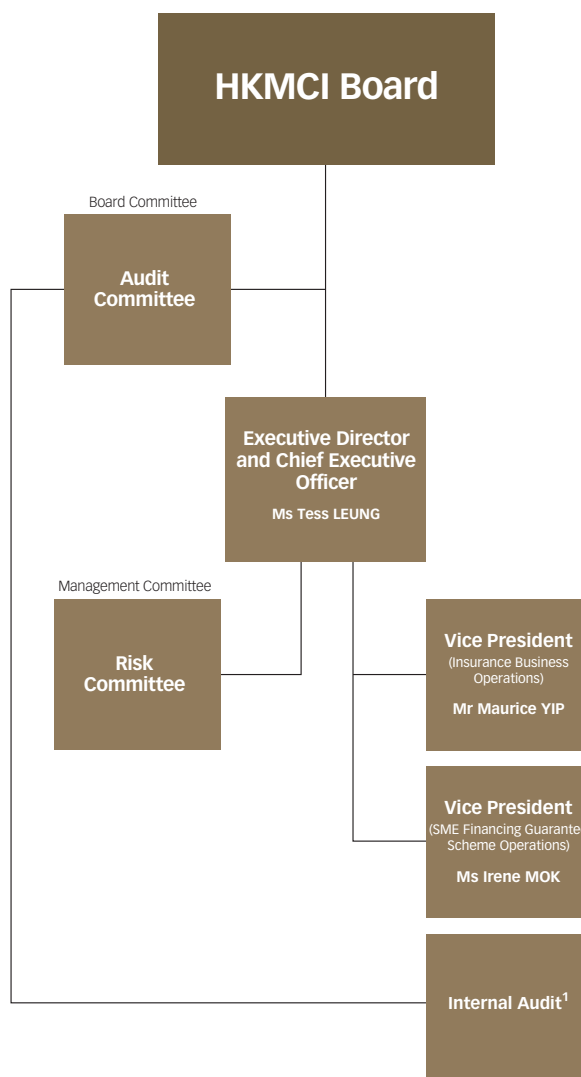
Organisation Structure

Organisation Structure

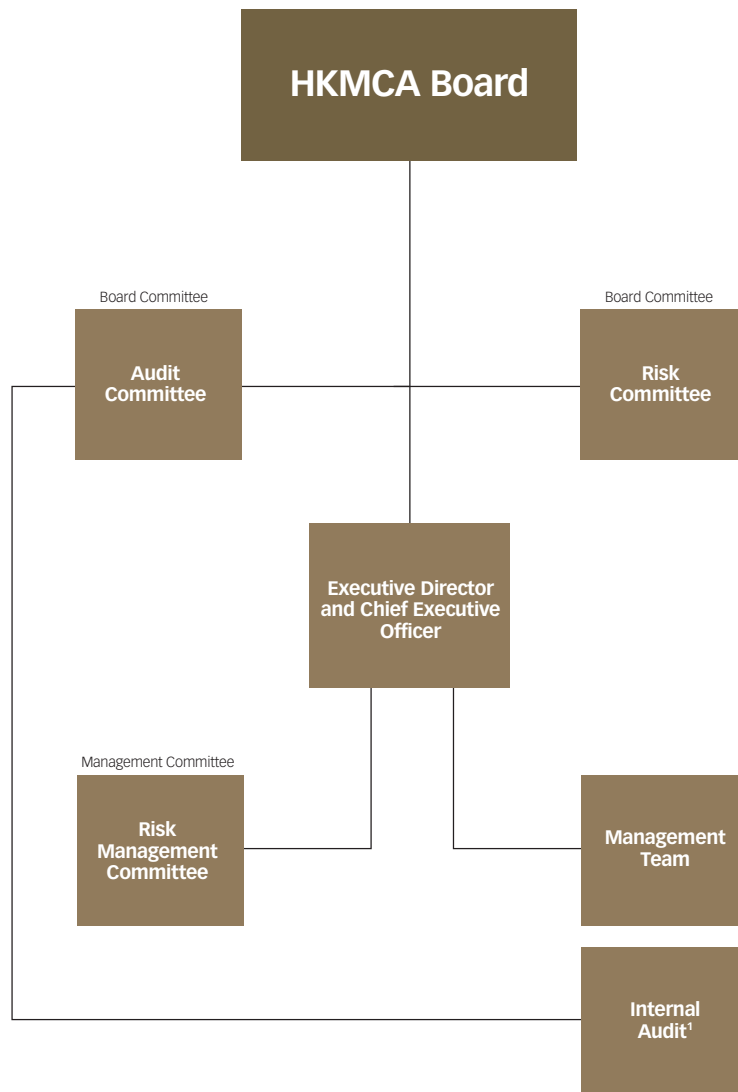




¹ Reporting to the Chief Executive Officer through the General Counsel
² Reporting to the Chief Executive Officer on daily administrative function



¹ Reporting to the Chief Executive Officer on daily administrative function



¹ Reporting to the Chief Executive Officer on daily administrative function

Board of Directors



The Hon. Paul CHAN Mo-po, GBM, GBS, MH, JP
Chairman and Executive Director
Financial Secretary



Mr Norman T. L. CHAN, GBS, JP
Deputy Chairman and Executive Director
*Chief Executive
Hong Kong Monetary Authority*



Mr Eddie YUE Wai-man, JP
Executive Director
*Deputy Chief Executive
Hong Kong Monetary Authority*



Mr Raymond LI Ling-cheung, JP
Executive Director and
Chief Executive Officer
*Senior Executive Director
Hong Kong Monetary Authority*



The Hon. Jeffrey LAM Kin-fung, GBS, JP
Non-Executive Director
*Member of Executive Council
Member of Legislative Council
Managing Director
Forward Winsome Industries Limited*



The Hon. James Henry LAU Jr., JP
Non-Executive Director
*Secretary for Financial Services
and the Treasury
(appointed on 19 April 2018)*



The Hon. Frank CHAN Fan, JP
Non-Executive Director
*Secretary for Transport and Housing
(appointed on 19 April 2018)*



The Hon. Horace CHEUNG Kwok-kwan, JP
Non-Executive Director
*Member of Executive Council
Member of Legislative Council
Member of Central and Western
District Council
Partner, Cheung & Yeung, Solicitors*



The Hon. Dennis KWOK Wing-hang
Non-Executive Director
*Member of Legislative Council
Barrister-at-law*



Professor WONG Yuk-shan, SBS, BBS, JP
Non-Executive Director
*President of The Open University
of Hong Kong*



Professor CHAN Ka-keung, GBS, JP
Non-Executive Director
Adjunct Professor
The Hong Kong University of
Science and Technology



Mr T. Brian STEVENSON, GBS, JP
Non-Executive Director



Mr Huen WONG, BBS, JP
Non-Executive Director
Principal (Hong Kong and
Shanghai Offices)
Fried, Frank, Harris, Shriver &
Jacobson



Ms Anita FUNG Yuen-mei, BBS, JP
Non-Executive Director
Director
Hong Kong Exchanges and Clearing
Limited



Mr Leong CHEUNG
Non-Executive Director
Executive Director
Charities and Community
The Hong Kong Jockey Club



Mrs Estella S. F. CHIU
Non-Executive Director
Non-Executive Director
Singapore Life Pte. Ltd.
(appointed on 23 May 2018)



Mr NG Leung-sing, SBS, JP
Non-Executive Director
(retired on 13 April 2018)



Ms Miranda KWOK Pui-fong
Non-Executive Director
(retired on 13 April 2018)



Mrs Ann KUNG YEUNG Yun-chi
Non-Executive Director
(retired on 13 April 2018)



Mr Lawrence LAM Yuk-kun
Non-Executive Director
(retired on 13 April 2018)



Mr LEE Huat-oon
Non-Executive Director
(retired on 13 April 2018)

A red paper house with a white stand is positioned in the lower-left foreground. The background is a soft, out-of-focus green, suggesting an outdoor setting. A large white hexagonal shape is overlaid on the right side of the image, containing the text.

Highlights of the Year

**Collaboration with
Business Partners**

**Public
Education**

**Participation in
External Events**

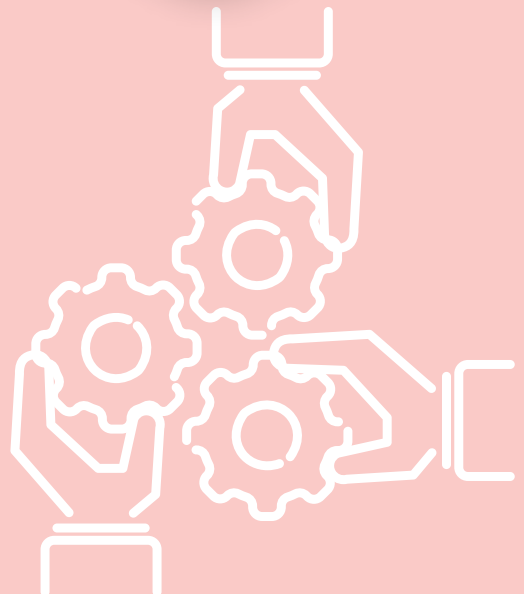
**Corporate Social
Responsibility**

**Major
Event**

**Community
Engagement**

PARTICIPATION IN EXTERNAL EVENTS





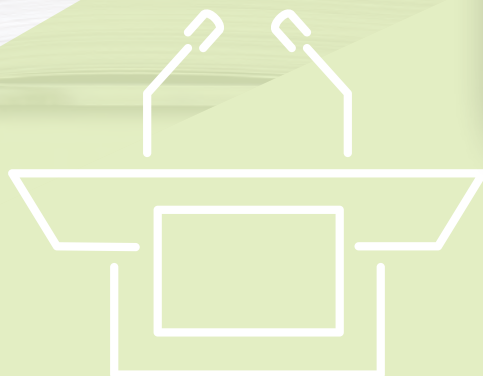
COLLABORATION WITH BUSINESS PARTNERS





PUBLIC EDUCATION





COMMUNITY ENGAGEMENT





COMMUNITY ENGAGEMENT



MAJOR EVENT



香港年金計劃啟動禮

退休生活有年金 自製長糧至安心

2018年7月5日





CORPORATE SOCIAL RESPONSIBILITY



10 years +
同心展關懷[®]
caring organisation

Awarded by The Hong Kong Council of Social Service
香港社會服務聯會頒發





Corporate
Social
Responsibility

Corporate Social Responsibility

In recognition of the Corporation's contribution to the community and its commitment to corporate social responsibility (**CSR**), the Corporation has been awarded the Caring Organisation Logo by the Hong Kong Council of Social Service since 2008 and has now stepped into its 11th year of CSR participation. Since 2014, the Corporation has also been receiving the Mandatory Provident Fund Schemes Authority's Good MPF Employer Award, which is given in appreciation of employers who place a high value on their employees' retirement needs.

As a socially responsible organisation, the Group cares for its employees and the community. The Group underlines its commitment to CSR by caring for its employees' well-being, participating in charity activities and implementing environmental protection measures.

Care for Employees

Staffing and Remuneration

The Group attracts and grooms talent to ensure the efficient performance of its missions of promoting stability of the banking sector, wider home ownership, development of the local debt market and development of retirement planning market. Employees are provided with competitive remuneration packages and fringe benefits, promising career paths and development opportunities, and a healthy and safe working environment. The Group has also adopted family-friendly practices by offering a five-day week to help employees maintain a good work-life balance, as well as comprehensive medical and dental insurance plans that cover both employees and their family members.

Through system automation and process re-engineering, the Group maintains a lean and efficient workforce despite an increase in the scope of operations and the complexity of the products it offers. In 2018, the permanent staff establishment of the Group was 309 and the staff turnover rate was 8.92%.

Training and Development

The Group recognises the importance of ongoing training and devotes considerable resources to the continuous enhancement of its employees' professional knowledge and skills. In 2018, the Group arranged programmes and workshops to help employees enhance their product knowledge and strengthen their managerial and technical competence and soft skills.

The in-house training workshops covered a wide range of topics, such as English business writing, team collaboration, creative problem solving, strategic thinking, and occupational safety and health. During the year, seminars on the Personal Data (Privacy) Ordinance, anti-bribery laws and cybersecurity were held as well.



Training on Creative Problem Solving



Training on Business English Writing



Training on Strategic Thinking

The Group also sponsored employees for external job-related training and development courses covering a wide range of topics, including mortgage-related issues, risk management, corporate governance, finance and accounting, information technology and leadership training.

In addition, all new employees were put through an induction session to provide them with foundational knowledge about the Group's organisational structure, functions and policies.



Dress Casual Day



Team Building Cooking Workshop



Squid Fishing Tour



Team Building Programme - Pedal for Power

Employee Relations and Staff Activities

To promote a healthy work-life balance and foster a family-friendly working environment, the Group’s Staff Club organises activities regularly to cultivate better relationships and communication among employees. In 2018, these activities included health talks, outings and other staff gatherings, all of which were well received by employees and their families. The in-house staff publication, *HKMConnection*, recaps snapshots of the Group’s staff activities.

To facilitate effective communication within the Group, the Staff Homepage intranet facility is updated frequently so useful information can be shared among different departments. There is also the Staff Suggestion Scheme, which encourages staff to suggest improvements in workflow and the workplace.



Hiking to Wong Nai Tun and Tai Lam Chung Reservoir

Health and Safety

As a caring organisation, the Group is dedicated to looking after employees’ physical and mental health. An Employee Support Programme is in place to provide confidential external counselling services to employees and their family members, if needed. A vaccination programme for the prevention of influenza and health-check programmes at privileged rates were also offered to employees in 2018.

From time to time, the Group reviews and strengthens its contingency plans, which aim to minimise any unexpected or sudden disruption to business operations due to, for example, an outbreak of communicable disease among employees. Periodic drills are organised to ensure employees are conversant with the activation of back-up facilities, contingency plans and communication arrangements in case of emergency.



House Competition - Football



House Competition - Table Tennis



Health Talk on Chinese Medicine Theory

Care for the Community

Charities and Social Activities

The Group promotes various charitable and community functions, such as fundraising events, donation campaigns and voluntary services. Employees are encouraged to support charity activities and join voluntary work organised by the Group's volunteer team, Caring League.

In 2018, the Group organised donation campaigns, such as Dress Casual Day 2018 for the Community Chest, and held its annual Blood Donation Day event for the Hong Kong Red Cross.

Employees have been keen to participate in voluntary services, demonstrating their concern for the needy by dedicating time and effort to various causes. The Caring League has partnered with several social service organisations to take part in a number of voluntary services, including the following:

- care for the environment: a recycling campaign in partnership with The Salvation Army to collect books, stationery and toys
- care for the elderly: organised by HOPE Worldwide and the Hong Kong Playground Association, our volunteers visit elderly people, bring them "lucky bags" with daily necessities to welcome the Chinese New Year and accompany elderly members of low-income families on tours around Tai Kwun.

Internship and Manager Trainee Programmes

To help nurture talent for the future, the Group offers internship programmes for undergraduates to give them a taste of the real business world and help them better prepare for their future careers. The students who joined the programmes appreciated the learning experience and work opportunities they were exposed to.

During the year, the Group continued the Manager Trainee Programme with the objective of identifying high-calibre young executives for grooming to meet the Group's long-term staff development plan. Throughout the three-year programme, the Manager Trainees will undergo on-the-job training in different departments, take part in corporate projects and attend structured learning and development programmes.

Environmental Protection

The Group continuously supports and implements various green measures to create a more environmentally friendly office and raise employees' awareness of methods of waste reduction and energy conservation. Employees are encouraged to adopt paperless working practices by using more electronic communication. They are also encouraged to collect waste paper and used toner cartridges for recycling. Since 2006, the Group has adopted various measures, including better control of office temperature and the use of LED lighting, in the interest of energy efficiency. The Group welcomes suggestions from employees on green office ideas and encourages its suppliers to use and offer more environmentally friendly products whenever possible.

Business Review

Business Review

Performance Highlights

The major achievements of the Group for the year included:

- helping homebuyers borrow a total of HK\$32.5 billion in mortgage loans through the Mortgage Insurance Programme (**MIP**)
- approving 3,064 applications since the launch of the Reverse Mortgage Programme (**RMP**), with an average property value of around HK\$5.3 million
- issuing a total of 5,422 policies, since the launch of the HKMC Annuity Plan in July 2018, with total premiums received at around HK\$2.8 billion and the average premium amount at around HK\$513,000, as at the end of 2018
- to further alleviate the financing burden of local small and medium-sized enterprises (**SMEs**) and assist them in obtaining financing, the application period for the 80% guarantee product under the SME Financing Guarantee Scheme (**SFGS**) extended to end-June 2019, with enhancement measures taking effect from 19 November 2018
- since the launch of the 80% SFGS in May 2012, the Group had approved more than 14,500 applications for loans amounting to HK\$58.5 billion. More than 8,500 local SMEs and more than 224,700 related employees have benefited under the SFGS
- approving loans totalling HK\$53.0 million under the Microfinance Scheme (**MFS**) since its inception to business starters, self-employed people from different backgrounds and professions, and those wanting to achieve self-improvement through education and training
- approving 12 applications since the launch of the Premium Loan Insurance Scheme (**PLIS**), with an average property value of around HK\$4 million
- establishing the Infrastructure Financing and Securitisation (**IFS**) Division to implement the IFS business
- purchasing about HK\$287.7 million of loan assets
- issuing HK\$12.4 billion of debt securities, with a maturity of one year or above, in a cost-effective manner, thus promoting the development of the local debt market and maintaining the Group's position as one of the most active issuers in Hong Kong
- maintaining the Group's long-term foreign and local currency ratings of AA+ by S&P Global Ratings (**S&P**) and Aa2 by Moody's Investors Service, Inc. (**Moody's**)
- safeguarding excellent credit quality, with over-90-day delinquency ratios of 0.002% for the mortgage insurance portfolio, 0.02% for the Hong Kong residential mortgage portfolio (same as the industry average of 0.02%), 1.28% for the microfinance loan portfolio and 0.02% across all asset classes as at 31 December 2018

The Group maintained a solid financial position in 2018:

- profit attributable to shareholders of HK\$127 million
- net interest margin of 1.1%
- return on shareholders' equity of 0.9%
- cost-to-income ratio of 86%
- capital adequacy ratio of 26.8%, which is well above the minimum requirement of 8% stipulated by the Financial Secretary

Market Overview

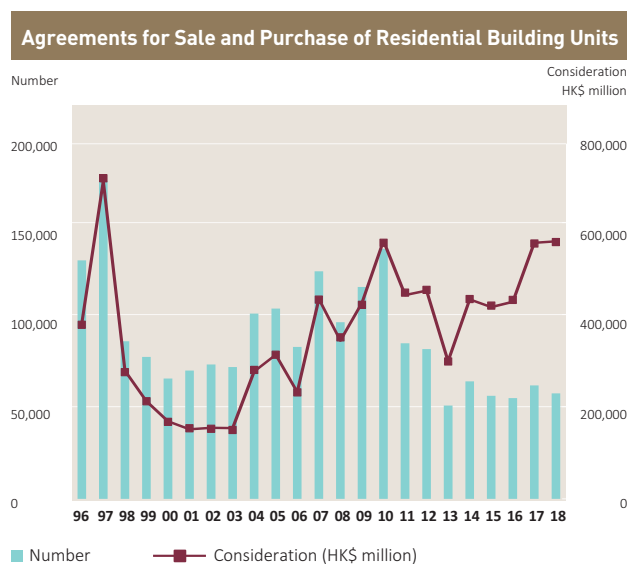
General Economic Conditions

Global economic growth continued at the start of 2018 but started to lose momentum in the second half of the year as the trade conflicts caused by the US-China trade war intensified and weighed on the global economic sentiments with consolidations in major stock markets and slower economic growth in Europe and Asia. As such, global market volatility was heightened alongside the ongoing monetary policy normalisation in the U.S. as well as across other major economies. Moreover, capital outflow and currency depreciation pressures in Asia became significant in the second half of the year. In 2018, the Mainland's economic growth remained largely stable as it continued the structural reform to promote economic upgrading and transformation. Against this backdrop, the Hong Kong economy grew modestly during the year at 3% year-on-year in real terms.

Property Market

Hong Kong's residential property sentiment stayed strong in the first half of 2018. Both the transaction numbers and considerations of transactions rose to interim peaks in June, with increases of 27.4% and 36.6% recorded respectively from January. However, subsequent to the Government's announcement about new initiatives on housing in late June, together with an interest rate hike in September, the property market started to consolidate in the third quarter. Relatively weak performance in the stock market and the uncertainties caused by the US-China trade war in the fourth quarter caused the transactions of residential properties to drop drastically by 69.3% from June to December. Overall, the number of residential property transactions in 2018 decreased by 7.1% year on year to 57,247, while the consideration of transactions recorded a 0.5% year-on-year increase (Figure 1).

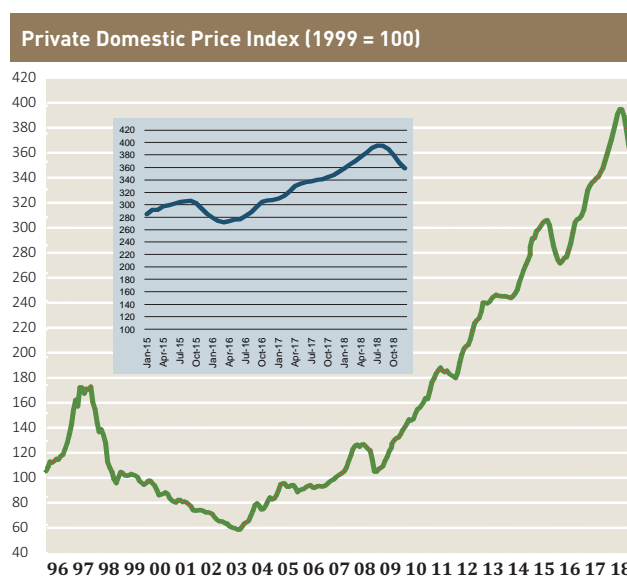
Figure 1



Source: Land Registry

The transaction volume in primary and secondary markets rose continuously from the start of the year until July, after which it showed a downward trend till the year-end. In general, residential property prices¹ recorded a 1.6% cumulative increase in 2018, compared with a 14.8% increase in 2017, and had surpassed the 1997 peak by 107% as at the end of 2018 (Figure 2).

Figure 2



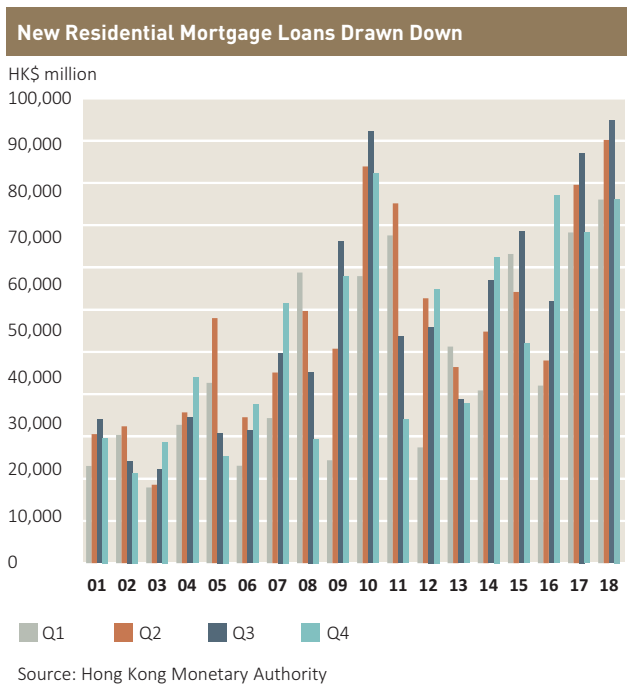
Source: Rating and Valuation Department

¹ Source: The Private Domestic Price Index published by the Rating and Valuation Department

Mortgage Market

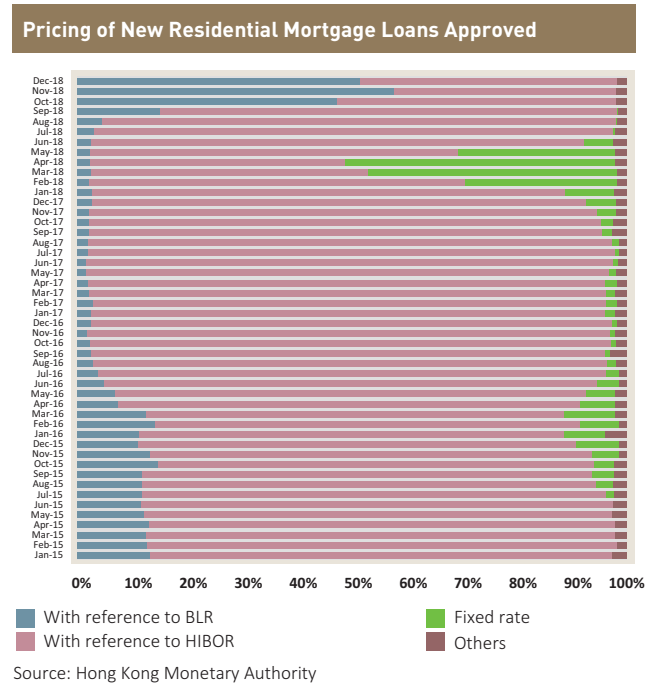
Overall, the mortgage rate in Hong Kong stayed low in 2018. For the first time in 12 years, the Best Lending Rates (BLRs) increased from 5% and 5.25% to, respectively, 5.125% and 5.5% in September, while the Hong Kong Interbank Offered Rates (HIBORs) remained high throughout the year. According to the HKMA Monthly Statistics Bulletin, the one-month HIBOR in terms of period average² fluctuated within a range of 0.78% to 2.21% during the year. Mortgage lending recorded steady growth, with the total outstanding value of all residential mortgage loans rising moderately by 8.9% to HK\$1,372.13 billion. The gross value of new loans drawn down³ increased slightly by 9.9% year on year in 2018, compared with an increase of 43.6% in 2017 (Figure 3).

Figure 3



The proportion of new mortgage loans approved that are benchmarked against the HIBOR dropped from 86.2% in January to 46.3% in April due to an increase in the proportion of fixed-rate plans at the start of 2018. Since no banks had been offering fixed-rate plans since the second quarter, the proportion of new mortgage loans using the HIBOR started to rise in April, reaching 93.5% in August, but this began to consolidate in the fourth quarter. By the end of 2018, BLR-based and HIBOR-based mortgages were occupying the majority of the market share, accounting for 46.6% and 51.6% respectively (Figure 4).

Figure 4

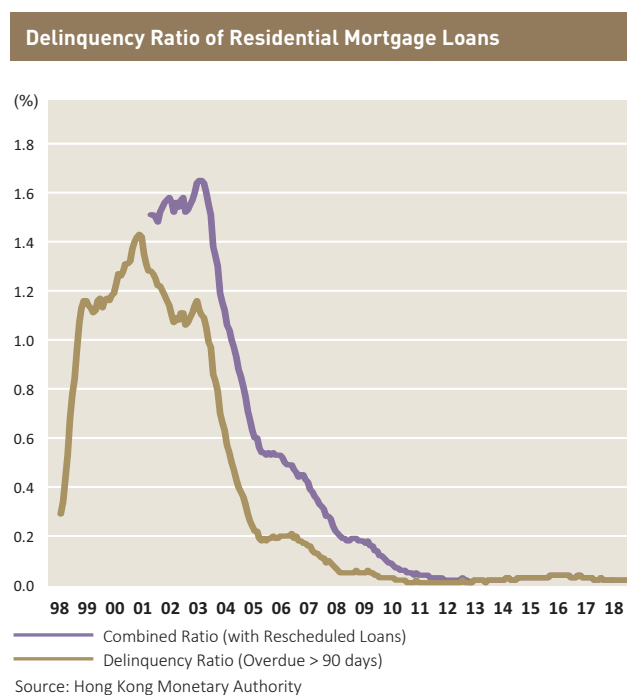


² Source: HKMA Monthly Statistical Bulletin

³ Source: HKMA's Monthly Residential Mortgage Survey (HKMA Survey)

Under a stable labour market and the HKMA’s prudent supervision of the mortgage lending sector, the asset quality of residential mortgage loans remained excellent in 2018. The over-90-day delinquency ratio of mortgage loans stayed at 0.02% throughout the year, reflecting banks’ prudent underwriting standards. The combined ratio, which takes into account both delinquent and rescheduled loans, also remained low, staying at 0.02% during the same period (Figure 5). The estimated number of residential mortgage loan in negative equity as at end-December 2018 was 262 cases, with an aggregate value of HK\$1,189 million recorded⁴.

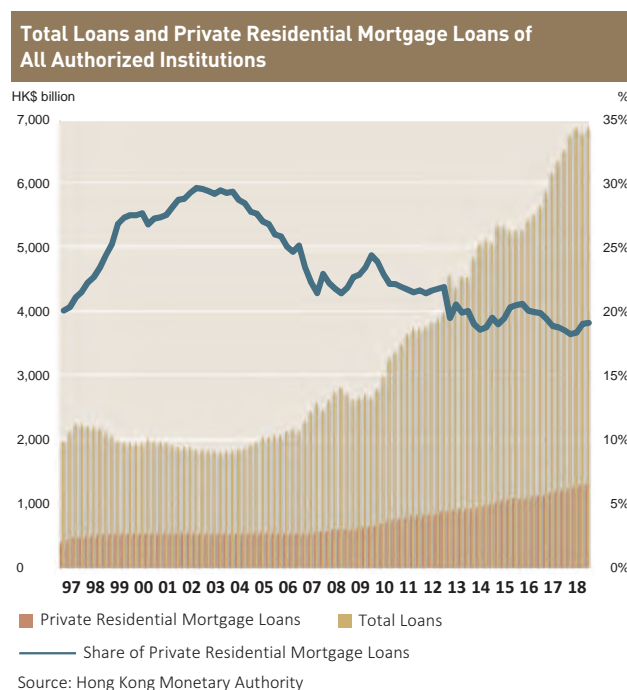
Figure 5



Banking-sector Exposure

The total outstanding value of mortgage loans for private residential properties [increased] to HK\$1,313.8 billion at the end of 2018 (end-2017: HK\$1,208.2 billion), accounting for one-fifth of total loans in Hong Kong (Figure 6). Adding to this lending for building and construction, along with property development and investment, the value of property-related loans totalled HK\$3,855.77 billion, representing about 41.6% of banks’ total loan books. The outstanding value of mortgage loans for the purchase of flats in the Home Ownership Scheme, Private Sector Participation Scheme and Tenants Purchase Scheme increased to HK\$58.38 billion by the end of 2018 (end-2017: HK\$51.3 billion).

Figure 6



⁴ Source: HKMA Survey

Asset Acquisition

While the ample liquidity in the market has led to weak incentives for banks to offload their assets, the Group is prepared to provide liquidity to the market as and when required. In 2018, the Group acquired about HK\$287.7 million of assets, which included residential mortgage loans.

Funding

Global growth remained moderately strong in 2018 though there is less synchronicity of economic momentum across countries. Nevertheless, rising trade tensions and the continued monetary policy normalisation by the US Federal Reserve led to a reversal in international capital flows and an increase in global financial market volatility. Despite the challenging market conditions, the Group managed to secure prudent pre-funding for loan purchases and refinancing activities. Given the Group's strong background as a wholly government-owned entity and its solid credit rating, the Group raised debt totalling HK\$12.4 billion, with a maturity of one year or above, in 2018. At the end of the year, the Group's total outstanding debt amounted to HK\$37.3 billion.

The Group is committed to developing the local debt market through regular debt issuances and the introduction of new debt products. As one of the most active bond issuers in Hong Kong, the Group will continue to issue debt in both local institutional and retail markets, and diversify its funding sources and investor base to overseas institutional markets. This will not only help broaden the Group's funding base, but also provide institutional and retail investors with high-quality debt instruments to satisfy their need for portfolio diversification and yield enhancement.

The Group has three debt issuance programmes that allow the issuance of debt securities in an efficient and effective manner. With its strong credit rating, the Group's debt issues are well received by the investment community, such as pension funds, insurance companies, investment funds, charities, government-related funds and retail investors. The Group undertakes regular and proactive investor communication to meet and update investors.

Medium Term Note Programme

The Group established the multi-currency Medium Term Note (**MTN**) Programme in June 2007 to broaden its investor base and funding sources in the international market. It was set up with an initial size of US\$3 billion, which was increased to US\$6 billion in July 2011 to meet growing demand from overseas investors. The multi-currency feature of the programme enables the Group to issue notes in major currencies, including the Hong Kong dollar, US dollar, renminbi, Australian dollar, British pound, euro and Japanese yen, to meet demand from both local and overseas investors. All foreign currency-denominated MTN debt is fully hedged into either US dollars or Hong Kong dollars. The programme incorporates flexible product features and offering mechanisms for public issuances and private placements to increase its appeal to investors with different investment horizons and requirements. An extensive dealer group comprising major international and regional financial institutions is appointed to support future MTN issuance and provide secondary market liquidity.

In 2018, the Group launched 29 MTN private debt issues totalling an equivalent of HK\$12.4 billion, with a maturity of one year or above.

Debt Issuance Programme

The Debt Issuance Programme (**DIP**) was established in July 1998 to target institutional investors in the Hong Kong dollar debt market. It was set up with an initial programme size of HK\$20 billion, which was increased to HK\$40 billion in 2003. The DIP has since provided a flexible and efficient platform for the Group to issue debt and transferable loan certificates with a tenor of up to 15 years. Primary dealers and selling group members are appointed under the DIP to provide wide distribution channels for both public and private debt issues.

Retail Bond Issuance Programme

The Group is dedicated to promoting the local retail bond market. The Group pioneered a new offering mechanism for the retail bond market in Hong Kong in November 2001 and established the HK\$20 Billion Retail Bond Issuance Programme in May 2004. Under this programme, placing banks use their retail branch networks and telephone and electronic banking facilities to place debt securities issued by the Group with retail investors. To ensure the liquidity of the aforementioned retail bonds, the placing banks are committed to making firm bid prices for the bonds in the secondary market. Since 2001, the Group has issued retail bonds totalling HK\$13.7 billion. When the market environment is conducive, the Group aims to issue retail bonds regularly to provide an additional investment tool for Hong Kong's retail investors.

Revolving Credit Facility Provided by the Exchange Fund

In January 1998, during the Asian Financial Crisis, the Exchange Fund extended a HK\$10 billion Revolving Credit Facility to the Group. This Facility has enabled the Group to maintain smooth operations under exceptional circumstances so it can better fulfil its mandate to promote banking and financial stability in Hong Kong. While the Group

obtains long-term funding from local and international debt markets to fund its operations, the Facility also gives the Group a liquidity fallback. Following the global financial crisis in 2008, the size of the Facility was increased to HK\$30 billion in December that year, demonstrating the HKSAR Government's recognition of the importance of, and further support for, the Group.

The Group used the Revolving Credit Facility during times of market stress in 1998 and 2008 to partially fund the acquisition of Hong Kong residential mortgage assets from local banks. In both cases, the Revolving Credit Facility was fully repaid with funds raised from the Group's cost-effective debt issuance when the markets stabilised. In 2018, there were no drawdowns under the Revolving Credit Facility.

Credit Rating

The Group's ability to attract investment in its debt securities is underpinned by its strong credit rating, which is equivalent to that of the HKSAR Government, according to S&P and Moody's.

Credit Ratings of the HKMC

	S&P		Moody's	
	Short-term	Long-term	Short-term	Long-term
Local Currency	A-1+	AA+ (Stable)	P-1	Aa2 (Stable)
Foreign Currency	A-1+	AA+ (Stable)	P-1	Aa2 (Stable)

The credit rating agencies have made very positive comments on the Group's credit standing.

The following comments are extracts from the credit rating reports of S&P and Moody's in August 2018 and November 2018 respectively:

S&P

"We equalise our ratings on HKMC with the ratings on Hong Kong, the corporation's sole ultimate owner. This reflects our view of an almost certain likelihood of timely and sufficient extraordinary support from the Hong Kong government in the event that HKMC needs it ... We believe HKMC's undertaking of additional policy initiatives over the past several years has a solidifying effect on its ties with the Hong Kong government, and reinforces the integral link between the two entities."

"HKMC has a well-established market position with a unique role to address local Hong Kong banks' liquidity and balance-sheet management needs by purchasing mortgage and loan portfolios, especially in times of stress ... A variety of stressful market conditions have tested HKMC's business model. For example, when global financial markets and the local economy were under stress in late 2008 and early 2009, HKMC enlarged its mortgage acquisitions in response to banks' requests, and enhanced its mortgage insurance program. However, it has tightened the eligibility criteria for its mortgage insurance program in recent years, in response to elevated property prices."

"We believe that HKMC benefits from the presence and effective oversight of its vastly experienced and competent set of members as directors on its board. The management team is capable, effective, and experienced, in our view. HKMC's strategic positioning is clear and consistent with its capability and market conditions. The company has always operated within its financial and risk management standards, which we consider to be rigorous and clear."

"HKMC manages its funding and liquidity prudently, in our view. It has very strong debt capital market access through its three senior debt programs although it lacks customer deposits ... We expect HKMC to maintain a healthy buffer of highly liquid assets, which is more than sufficient to cover its short-term funding needs ... Further, a HK\$30 billion revolving credit facility more than adequately covers all liabilities of HKMC maturing within the next year and provides a significant cushion against any unexpected liquidity stress."

Moody's

"HKMC is fully owned by the Hong Kong government through the Exchange Fund. The company carries out policy mandates, which include promoting financial and banking stability in Hong Kong, home ownership, the development of the local debt capital market and the development of retirement planning solutions through the purchase of mortgages from commercial banks and the provision of mortgage insurance and reverse mortgages. As part of its mandate to promote banking stability, the company acts as an alternative lender of last resort by standing ready to purchase residential mortgages from banks during times of stress. The new annuities and infrastructure financing businesses are small but will scale up."

"The government provides HKMC with a HK\$30 billion revolving credit facility and additional equity capital when needed. If the company's credit profile is weakened in a stress scenario, we expect the government to provide timely extraordinary support. The company's public policy mandates are closely aligned with the government's objectives, and its close relationship with the government increases the likelihood of future government support. The government has provided the company with \$5 billion capital injection to set up the annuities business and is prepared to provide more if the business continues to expand."

“The company has maintained very sound asset-quality metrics since its establishment to date ... Hong Kong’s residential mortgages have historically performed very well through economic cycles. Even when property prices fell by up to 70% between 1997 and 2003, the company’s overall mortgage delinquencies never exceeded 2%. The current average LTV ratio on the company’s Hong Kong mortgages is below 40%.”

“As a wholesale-funded entity with no customer deposits, HKMC relies on ongoing access to the debt capital market to fund its operations. Nevertheless, the company has a policy of pre-funding its expected asset purchases and maintains a very strong liquidity during normal economic conditions. The company has very good access to capital markets because of its strong financial fundamentals and government affiliation ... The company had sufficient liquid assets, including the government revolving credit facility, to repay all of its outstanding debts as of end of June 2018.”

Mortgage-backed Securitisation

The Group strives to promote the development of the mortgage-backed securities (**MBS**) market in Hong Kong. MBS is an effective financial instrument that can channel long-term funding from the debt market to supplement the need for long-term financing generated by mortgage loans. Banks and financial institutions can make use of MBS to manage risks inherent in mortgage loans, such as credit risks, liquidity risks, interest rate risks and asset-liability maturity mismatch risks. A deep and liquid MBS market can help enhance the development of an efficient secondary mortgage market and further promote Hong Kong as an international financial centre.

The Group has issued a total of HK\$13.2 billion MBS since 1999. The US\$3 billion Bauhinia Mortgage-Backed Securitisation Programme was established in 2001 to provide a convenient, flexible and cost-efficient platform for the Group to issue MBS with various product structures, credit enhancements and distribution methods.

Infrastructure Financing and Securitisation

With an enormous and widening funding gap in the international infrastructure financing market, the Group started studying Infrastructure Financing and Securitisation (**IFS**) business opportunities in early 2017.

In 2018, the Group obtained the Board’s approval of the IFS business plan, set up an IFS Division manned by experienced industry professionals and mobilised internal resources for the IFS business.

Starting in 2019, the Group will participate in a step-by-step manner in the infrastructure financing market on commercially viable and financially sustainable terms, by making use of its comparative advantages in terms of strong credit standing and medium-to-long term funding capability while observing prudent commercial principles and risk management policies.

In the early stage, the Group will purchase and accumulate infrastructure loans from, as well as co-finance infrastructure projects with, multilateral development banks and commercial banks. It will explore securitisation opportunities after building up the infrastructure loan portfolio and necessary experience.

The IFS business will enable the Group to further its mandates of promoting development of the local debt market and stability of the banking sector, while at the same time of filling the infrastructure financing market gaps and fostering market development.

Microfinance Scheme

The Group continued to operate the Microfinance Scheme (**MFS**). It liaised with participating banks and non-governmental organisations (**NGOs**) to offer loans at an affordable rate and support services to people wanting to start their own business, become self-employed or achieve self-enhancement through training, skills upgrading or professional certification.

The MFS has been operating smoothly since its launch in June 2012. By the end of 2018, the MFS had approved a total of 212 loans with a total loan amount of HK\$53.0 million.

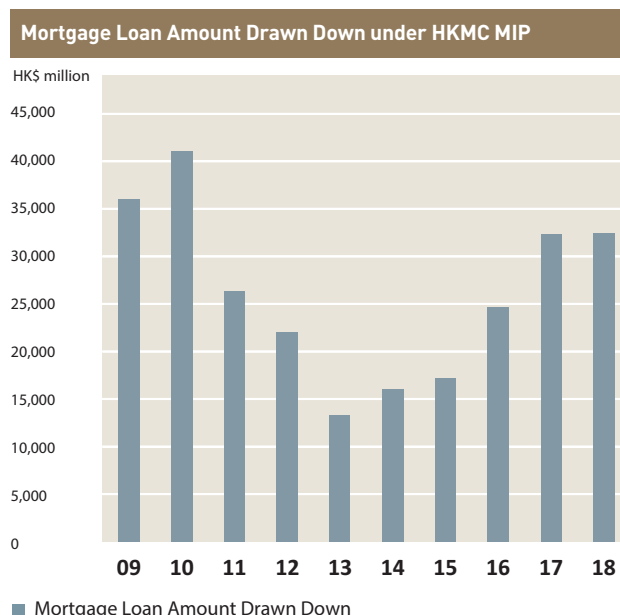
The MFS has a good mix of borrowers from different backgrounds and professions, and serviced young beauticians, make-up artists, interior designer, IT graduates, Chinese medicine practitioners, teachers and chefs etc. To promote the MFS among the youth and entrepreneurial community, the Group took part in a seminar organised by a local university and entrepreneurial training courses organized by a NGO to introduce the MFS to their students.

Mortgage Insurance Programme

The Mortgage Insurance Programme (**MIP**) helps potential homebuyers who are struggling to come up with a substantial down payment for the purchase of a property. From a banking industry perspective, the MIP allows banks to engage in higher loan-to-value lending without incurring additional credit risk and jeopardising the stability of the banking system. The MIP creates a win-win situation for both homebuyers and banks.

Over the years, the MIP has firmly established itself as an integral part of mortgage financing in Hong Kong. Demand for the MIP remained steady in 2018, and the volume of loans drawn down under the MIP increased slightly to HK\$32.5 billion in 2018 from HK\$32.3 billion in 2017 (**Figure 7**). About 88% of the MIP loans drawn (in terms of loan amount) were secured on properties in the secondary market. This demonstrates the importance of the MIP to homebuyers in the secondary market.

Figure 7



Source: The Hong Kong Mortgage Corporation Limited

During the year, the Group joined participating banks to promote the MIP through various promotional channels. Since 1999, the MIP has helped more than 141,600 families achieve the dream of home ownership, with an aggregate loan drawdown of HK\$367 billion.

Since its establishment in 1997, the Group has been committed to promoting wider home ownership as one of its missions. In order to enhance homebuyers' ability to afford down payment, the MIP was extended to cover projects under the Flat-for-Sale Scheme and the Subsidised Sale Flats Project under the Secondary Market Scheme of the Hong Kong Housing Society (**HS**) with effect from late September 2018.

In response to the Government's announcement in June 2018 in respect of the non-joint venture redevelopment project of the Starter Homes Pilot Project of the Urban Renewal Authority (**URA**), the Group announced it would provide mortgage insurance to enable buyers of the units of the URA's Starter Homes Pilot Project at Ma Tau Wai Road, To Kwa Wan to apply for mortgage loans of up to 90% LTV ratio.

Reverse Mortgage Programme

The Reverse Mortgage Programme (**RMP**) aims at providing retirees an additional financial planning option to enhance their quality of life. Under the RMP, borrowers can use their residential properties in Hong Kong as security to borrow from a participating bank. The borrowers will remain as the owner of their properties. They will receive monthly payouts either over a payment term of fixed period or throughout their entire life, and they may also borrow lump-sum payouts for specific purposes.

The Group has been promoting the development of retirement planning market as one of its missions. With its ongoing and focused educational initiatives, the RMP has gained increasing receptiveness in the community and has recorded a steady annual growth of 7.5% in the applications received compared with 2017. In recognition of its efforts devoted to promoting financial education in Hong Kong, the Group was proudly awarded the inaugural Financial Education Champion by the Hong Kong Strategy for Financial Literacy, which recognises organisations that have contributed to the development and improvement of overall financial literacy in Hong Kong. Looking ahead, the Group is prepared to press on with its mission and establish its role in promoting retirement planning market to cater for the needs of retirees and the public.

Understanding that a wide distribution network is crucial to drawing more potential customers, the Group has been working closely with its business partners and trying to extend its distribution network by leveraging banks' local branches. To reach out to the target audience at the district level, a series of roving exhibitions were held in collaboration with banks, during which exhibition panels were displayed highlighting features of the RMP while games booths were set up to deepen visitors' understanding of

the RMP. At the roving exhibitions, staff members of the Group and representatives from banks actively engaged the participants and responded to their enquiries. The roving exhibitions, which lasted for nine consecutive months and covered districts all over Hong Kong Island, Kowloon and the New Territories, were effective in engaging the target audience and educating them on the initiatives of the RMP as an alternative option of retirement planning.

To keep the momentum going, the Group joined forces with banks to organise more than 20 public seminars during the year and participated in an expo on wealth management in August. The responses to these events were positive, with an average attendance of 50 to 100 participants recorded in each seminar. Many in the audience showed keen interest in the RMP and asked sophisticated questions about the product, such as how the RMP could help enhance the quality of their retirement life. Apart from banks, the Group worked closely with other business counterparts, such as NGOs, professional bodies, universities and government departments, in lining up introductory talks on the RMP. In 2018, the Group was invited by different sectors to speak at around 30 public talks to introduce the RMP as a means of achieving quality retirement life.

Alongside local promotions, advertising initiatives were undertaken on multiple fronts to appeal to the mass public. RMP commercials were broadcast on major television and radio channels and online media platforms such as YouTube, and at banks' local branches. On the other hand, the Group strived to foster close relations with the media via regular media interviews and briefings. In the light of the aging population and heightened awareness of retirement planning, the Group will continue to put forward educational initiatives and consolidate concerted efforts of stakeholders to promote the development of retirement planning market to retirees and people of all ages.

Premium Loan Insurance Scheme

As commissioned by the Financial Secretary in the 2015-16 Budget, the Group launched the Premium Loan Insurance Scheme (**PLIS**) in September 2015. The scheme provides a platform for owners of subsidised housing properties who are aged 50 or above to finance their land premium payments to the Hong Kong Housing Authority (**HA**), the HS or the Government.

Under the PLIS, borrowers are granted loans by banks against their subsidised housing properties as security, primarily for settling premium payments to the HA, the HS or the Government. The Group acts as an insurer by assuring participating banks that losses arising from any possible shortfall at the time of selling the property will be covered when the loan is terminated. By the end of 2018, the Group had approved 12 PLIS applications since its inception, with an average appraised property value of around HK\$4 million and an average lump-sum payout amount of HK\$880,000 for the settlement of premium payments.

During the first three quarters of the year, rising property prices and falling rental yields dampened market demand for premium payment by owners of subsidised sale flats. Meanwhile, the enhancement of the RMP in October 2016 to cover subsidised sale flats with unpaid premiums provided a direct channel for subsidised sale flat owners to apply for reverse mortgages without the need to settle premium payment.

In order to achieve synergy with the Group's reverse mortgage business, promotions on the PLIS were carried out jointly with the RMP through public seminars, during which marketing materials were distributed to communicate product features to the potential customers. Besides, television and radio commercials were run on mainstream broadcast channels and at banks' local branches to reach out to target customers.

Extension of 80% guarantee product under the SME Financing Guarantee Scheme (80% SFGS)

As part of the package of support measures announced in the 2012-13 Budget for local SMEs to tide them over in the uncertain global economic environment, the Group promulgated time-limited special concessionary measures under the market-based SFGS, providing 80% guarantee on eligible loan facilities at a substantially lowered guarantee fee rate (**80% SFGS**). Backed by the Government's total guarantee commitment of up to HK\$100 billion, the 80% SFGS helps SMEs obtain loans for general working capital or purchase of equipment or other assets to support business operations. The Group administers the 80% SFGS on prudent commercial principles. The guarantee fees are set aside to pay default claims from participating lenders and out-of-pocket expenses to be incurred under the arrangement. A total of 31 Authorized Institutions (**AIs**) are participating in the SFGS as lenders.

In the light of the uncertain external economic environment and trade performance, the application period of the 80% SFGS was extended seven times to the end of June 2019. In addition, in a bid to alleviate the financing burden of borrowers, the guarantee fee rates for the 80% SFGS were reduced by 10%, and the minimum annual guarantee fee rate of 0.5% was removed with effect from 1 June 2016. To further relieve the financing burden of local SMEs and help them to obtain financing, the Government launched the following enhancement measures with effect from 19 November 2018, and valid until end-June 2019 –

1. halving the annual guarantee fee rate;
2. increasing the maximum facility amount from HK\$12 million to HK\$15 million; and
3. lengthening the maximum guarantee period from five years to seven years.

Further to the SFGS communication campaign started in 2016, the Group continued to communicate closely with participating lenders, SME associations and chambers of commerce and industry. It also shared success stories of SMEs to enhance understanding and promote public awareness of the 80% SFGS.

During the year, the Group arranged regular training and workshops for lenders' staff members and shared business and claim statistics with lenders to enhance transparency and promote more active use of the 80% SFGS. The Group introduced the SFGS in seminars for SMEs and sponsored the World SME Summit organised by The Hong Kong General Chamber of Small and Medium Business in the SmartBiz Expo in December 2018 to increase public awareness of the 80% SFGS.

The 80% SFGS has been well received by the market. As at 31 December 2018, the Group had approved more than 14,500 applications for loans amounting to HK\$58.5 billion. More than 8,500 local SMEs and more than 224,700 related employees have benefited under the SFGS.

HKMC Annuity Plan

Enhancing the quality of living of the elderly after their retirement is one of the key policy focuses of the Government. Following the announcement of a feasibility study of a life annuity scheme in the 2017-18 Budget, HKMC Annuity Limited (**HKMCA**) was established on 29 June 2017 to implement and operate the scheme to address the increasing demand for better retirement financial support and to facilitate better retirement planning.

Subsequently, the HKMCA announced on 5 July 2018 the official launch of a life annuity scheme, HKMC Annuity Plan (**Plan**), with the aim of providing a retirement financing option to the elderly aged 65 or above and to facilitate their retirement planning by helping them to turn cash lump sums into lifelong streams of fixed monthly income so that they can better enjoy the rest of their lives, and to promote the development of the local annuity market.

The Plan is an insurance product. The insured can start receiving a guaranteed stream of fixed income immediately after paying a single premium. The annuity is payable monthly for as long as the insured lives, allowing the elderly to receive a stable monthly income for life and address the longevity risk.

Open registration for the first tranche of sales took place from 19 July to 8 August 2018, during which the applicants could register their intention to subscribe to the Plan, either through 20 retail banks in Hong Kong or via the HKMCA website. For the first tranche of the Plan, the HKMCA recorded a total of 9,410 registrations of subscription intention, with a total subscription amount and average subscription amount at around HK\$4.94 billion and HK\$525,000 respectively. Sales appointments commenced on 24 September 2018, with the licensed banks completing the applications with the applicants at the delegated bank branches while the HKMCA has set up an Application Servicing Centre to conduct sales appointments.

To meet the objectives of public education and promotion, a publicity campaign has been carried out to promote the concept of life annuities and longevity risk since March 2018. Multiple advertising channels, such as TV and radio commercials as well as print and outdoor advertisements, were utilised to convey the message to the target audience. To reach into the community, three sessions of roving exhibitions, 25 seminars and talks and a number of media interviews were conducted to communicate with the public on the concept of life annuities and to answer their enquiries. The achievements of the campaign included encouraging a widespread discussion in the community related to life annuities and other retirement financial planning products, and increasing the public awareness.

The subscription result of the first tranche of the Plan showed that there was a certain demand among retirees for life annuities. In view of this, the HKMCA re-opened distribution of the Plan and introduced three enhancement measures and a year-round continuous sales model on 12 December 2018. The enhancements introduced offer a greater protection and flexibility to the customers, thereby enabling them to apply for the Plan with a greater sense of security. The adoption of the continuous sales model can also enable customers to experience a more convenient and efficient application process and have a clearer understanding of the product features. The HKMCA will continue to strengthen the public awareness on the longevity risk and the utilisation of the Plan as part of their retirement solution.

As at 31 December 2018, a total of 5,422 policies had been issued, with total premiums received at around HK\$2.8 billion and the average premium amount at HK\$513,000 since the launch of the Plan in July 2018. Stimulated by the inaugural launch of the Plan, the local annuity market has undergone a rapid growth as reflected in a responsive size expansion in the year.

Financial Review

Financial Review

The global economy continued its growth in 2018, notwithstanding some momentum appeared to lose in the second half of the year. The trade conflict between the US and China, coupled with the continued normalisation of monetary policy by major advanced economies, clouded the global economic sentiment and led to heightened global financial volatility. In Mainland China, growth momentum showed some moderation but economic restructuring remained on track.

Hong Kong's economic growth moderated from 4.1% in the first half of 2018 to 2.1% in the second half of the year, with an overall 3% in 2018, higher than the trend growth rate of 2.8% over the past decade on the back of solid domestic and external demands. Inflation edged up to a still-moderated level in 2018, with a slight uptick in inflation momentum reflecting both external and domestic price pressures. At the same time, the labour market tightened further along with a decline in the unemployment rate to 2.8%, the lowest in more than 20 years. However, investment and business sentiment worsened. The negative sentiment has taken effect in the financial markets. Downside risk to growth has increased amid stronger external headwinds.

Income Statement

Financial Performance

Profit attributable to shareholders for 2018 was HK\$127 million (2017: HK\$806 million) (**Table 1**). The decrease in profitability mainly reflected the accounting loss due to the annuity business of the HKMCA for maintaining prudent statutory reserves based on actuarial assumptions, the non-recurrence in 2018 of a one-off investment disposal gain in 2017, the decrease in exchange gains mainly arising from the revaluation of US dollar exposures in cash and debt investments, and resources utilised for supporting certain policy initiatives. Accordingly, return on equity reduced to 0.9% (2017: 8.6%) while cost-to-income ratio increased to 86.0% (2017: 26.8%). Notwithstanding the reported loss of the HKMCA, the embedded value (i.e., the sum of the total equity and present value of future profits) of its annuity business at the end of 2018 was about HK\$5.2 billion,

indicating that the business should be profitable in the long term. The capital adequacy ratio (**CAR**) remained solid at 26.8% (2017: 21.0%), which was well above the minimum requirement of 8% stipulated by the Financial Secretary. For the insurance subsidiaries in compliance with the capital requirements stipulated by the Insurance Authority (**IA**), the solvency ratios of the HKMCI and the HKMCA as at the end of 2018 were about 42 times and 34 times respectively.

Table 1

Summary of financial performance	2018 ¹	2017
	HK\$ million	HK\$ million
Operating profit before impairment	67	829
Profit before tax	67	829
Profit attributable to shareholders	127 ¹	806
Return on shareholders' equity	0.9% ¹	8.6%
Cost-to-income ratio	86.0% ¹	26.8%
Capital adequacy ratio	26.8% ¹	21.0%

¹ For comparison purposes, the adjusted profit attributable to shareholders, return on shareholders' equity and cost-to-income ratio for 2018 would be HK\$515 million, 5.1% and 36.7% respectively after excluding the results of the HKMCA.

Net Interest Income

Owing to the increase in average interest-earning assets (mainly from cash and debt investments), partly offset by the tightening of Prime-HIBOR spread on loan portfolio, the HKMC Group earned a net interest income of HK\$536 million, HK\$28 million higher than that for 2017. The net interest margin was maintained at 1.1% (**Table 2**).

Table 2

Net Interest Income	2018	2017
	HK\$ million	HK\$ million
Net interest income	536	508
Average interest-earning assets	50,972	48,027
Net interest margin	1.1%	1.1%

Net Mortgage Insurance Premium Earned

New business underwritten under the MIP increased slightly to HK\$32.5 billion in 2018 from HK\$32.3 billion in 2017. The net premium receipts were amortised and recognised as income in accordance with the unexpired risks. Taking into account upfront incentives to banks, and claims incurred and provision of HK\$3.7 million (2017: HK\$1 million), the net premium earned was HK\$222 million (2017: HK\$196 million).

Net Insurance-related Results for Annuity Business

Net insurance-related results for annuity business (i.e., the sum of net premiums earned, net claims incurred, benefits paid, movement in policyholders' liabilities, and commission and levy expenses) recorded a loss of HK\$550 million (2017: nil) mainly due to the prudent statutory reserving based on actuarial assumptions, whereas the investment returns on capital and premiums placed with the Exchange Fund were grouped under other income.

Other Income

Other income was HK\$250 million (2017: HK\$414 million), mainly including investment income from placements with the Exchange Fund of HK\$185 million (2017: nil) and dividend income from investments of HK\$59 million (2017: HK\$83 million).

Operating Expenses

The Group continues to maintain stringent cost controls to contain expenses and improve operating efficiency. Operating expenses rose 35.5% year-on-year to HK\$412 million, largely attributable to the implementation of the annuity business, which was less than budgeted. Staff costs, which were contained at 62.5% of total operating expenses, amounted to HK\$258 million (2017: HK\$196 million). Premises rentals and related costs were HK\$59 million (2017: HK\$39 million).

Allowance for Loan Impairment

Asset quality remained strong, with the delinquency ratio of the Group's mortgage portfolio staying low at 0.02% (2017: 0.06%). Taking into account the rundown in loan portfolio, and the low average current loan-to-value ratio of retained loan portfolio, a provision on loan impairment allowance of HK\$0.02 million was recorded in 2018 according to the approved prudent provisioning policy. During the year, loans written off amounted to HK\$1 million (2017: HK\$2 million) with a recovery of HK\$1 million (2017: HK\$1 million).

Segmental Analysis

Table 3 below sets out the profit before tax contributed by various business segments for 2018.

Table 3

Year ended 31 December 2018	Asset Purchase and Servicing HK\$ million	General Insurance HK\$ million	Life Insurance HK\$ million	Total
Profit/(Loss) before tax	360	173	(466)	67

In 2018, the Group reviewed and redefined its business segments after the completion of group restructuring and the launch of the annuity business, in order to provide clear and concise information. The asset purchase and servicing segment represents the results of the loan acquisition and servicing business as well as other activities, such as debt issuance. The general insurance segment represents the results of insurance and guarantee businesses under the MIP, the RMP, the PLIS and the SFGS. The life insurance segment represents the results of the annuity business, i.e., the HKMC Annuity Plan.

The profit before tax in 2018 for asset purchase and servicing was HK\$360 million, mainly arising from net interest income of the loan and investment portfolios. General insurance's profit before tax in 2018 was HK\$173 million, mainly attributable to net premiums earned from MIP and RMP. Life insurance recorded a loss before tax of HK\$466 million in 2018, mainly due to the prudent statutory reserves based on actuarial assumptions provided for the annuity business of the HKMCA, partially offset by the investment returns from capital and premium placements with the Exchange Fund. Notwithstanding the reported loss of the HKMCA, the embedded value¹ of its annuity business at the end of 2018 was about HK\$5.2 billion indicating that the business should be profitable in the long term.

Financial Position

Loan Portfolio

During the year, the Group purchased Hong Kong loan assets of about HK\$0.3 billion (2017: HK\$0.3 billion). After accounting for prepayments and repayments during the year, the outstanding balance of the loan portfolio recorded a rundown of HK\$1.4 billion, leaving an outstanding balance of HK\$6.4 billion.

Investment Securities

The Group adopts a prudent, low-risk approach in managing its surplus funds and investment activities in accordance with the investment guidelines approved by the Board. As at 31 December 2018, the total investment portfolio was HK\$17.2 billion (2017: HK\$17.4 billion), which included debt investments of HK\$16.6 billion and exchange-traded bond funds and real estate investment trusts of HK\$0.6 billion. There was no default loss from debt investments.

Placements with the Exchange Fund

As at 31 December 2018, the placements with the Exchange Fund arising from the capital and premium investments of the HKMCA amounted to HK\$7.7 billion (2017: nil).

Debt Securities Issued

In 2018, the Group issued HK\$34.1 billion of debt securities under the MTN Programme. All the non-Hong Kong dollar debts issued under the MTN Programme were hedged into Hong Kong dollars or US dollars. The Group continued to adopt a prudent pre-funding strategy, with the total outstanding balance of the debt securities maintained at HK\$37.3 billion as at 31 December 2018 (2017: HK\$34.8 billion).

Key Off-balance Sheet Exposure

Mortgage Insurance Programme

The Group operates the MIP on a risk-sharing basis with approved reinsurers. At the end of 2018, the total risk-in-force was about HK\$23.7 billion (2017: HK\$21.1 billion), of which HK\$4.0 billion (2017: HK\$3.5 billion) was ceded to approved reinsurers. The off-balance sheet risk-in-force exposure borne by the Group increased to HK\$19.7 billion (2017: HK\$17.6 billion).

The provision for outstanding claims remained steady at 0.1% of the retained risk-in-force at year-end. The delinquency ratio remained healthy at 0.002% (2017: 0.003%).

Reverse Mortgage Programme

The Group operates the RMP as an insurer to provide mortgage insurance cover for a premium on reverse mortgage loans advanced by participating banks in Hong Kong. After taking into account the undrawn future payout of reverse mortgage loans, the risk-in-force exposure borne by the Group increased to HK\$9.6 billion (2017: HK\$6.9 billion), with the corresponding outstanding loan balance totalling HK\$1.6 billion as at 31 December 2018.

¹ The embedded value is the sum of the total equity and the present value of future profits. The total equity includes HK\$5 billion of capital injected to the HKMCA in April 2018.

Capital Management

In order to ensure that the Group would not incur excess risk when expanding its business and balance sheet in proportion to its capital base, capital adequacy and the use of capital were monitored closely by the Group. During the year, the Group was in compliance with the Guidelines on Capital Adequacy Ratio (**Guidelines**) issued by the Financial Secretary with reference to the Basel II risk-based capital adequacy framework.

In accordance with the Guidelines, the calculation of the CAR follows the basis of consolidation for financial reporting with the exclusion of regulated subsidiaries which are subject to separate requirements on the maintenance of adequate capital (i.e., the HKMCI and the HKMCA, as regulated by the IA). After excluding the investment cost of these unconsolidated regulated subsidiaries, the CAR remained solid at 26.8% as at 31 December 2018, well above the minimum ratio of 8% stipulated in the Guidelines on CAR.

The solvency ratios of the HKMCI and the HKMCA as at 31 December 2018 were about 42 times and 34 times respectively, well above the respective 200% and 150% minimum regulatory requirements stipulated by the IA.

Dividend

Having considered the capital requirements for business development, no dividend was declared for 2018 (2017: Nil).

Risk Management

Risk Management

The Group operates on prudent commercial principles. The principle of “prudence before profitability” guides the design of the overall risk management framework and disciplines its uses in day-to-day business execution. Over the years, the Group has continuously made refinements to its well-established, robust and time-tested risk management framework to reflect changes in the markets and its business strategies.

The Board is the highest decision-making authority of the Group and holds the ultimate responsibility for risk management. The Board, with the assistance of the Corporate Risk Management Committee (**CRC**), has the primary responsibility of formulating risk management strategies in the risk appetite statement and of ensuring that the Group has an effective risk management system to implement these strategies. The risk appetite statement defines the constraints for all risk-taking activities and these constraints are incorporated into risk limits, risk policies and control procedures that the Group follows to ensure risks are managed properly.

The CRC is responsible for overseeing the Group’s various types of risks, reviewing and approving high-level risk-related policies, overseeing their implementation, and monitoring improvement efforts in governance, policies and tools. Regular stress tests are reviewed by the CRC to evaluate the Group’s financial capability to weather extreme stress scenarios.

The CRC is chaired by an Executive Director, with members including the Chief Executive Officer, Senior Vice Presidents, General Counsel and senior staff from the Risk Management Department.

The Group manages primarily credit risk, market risk, longevity risk, property risk, operational risk, legal and compliance risk, and leveraging risk arising from its loan assets, guarantee portfolio, infrastructure loans, annuity business and investment portfolio.

In addition to the CRC, the HKMC manages different risks through different management committees such as Infrastructure Financing and Securitisation Investment Committee (**IFSIC**), Credit Committee (**CC**), Transaction Approval Committee (**TAC**), Asset and Liability Committee (**ALCO**), Operational Risk Committee (**ORC**) and Longevity Risk Committee (**LRC**). Other than IFSIC which is chaired by Executive Director, all of these management committees are chaired by Chief Executive Officer with members including the relevant Senior Vice Presidents, General Counsel, and senior staff from the relevant functional departments.

The insurance subsidiaries also have their own Risk Committee (**RC**) to monitor the insurance risk and other relevant risk. The RC is chaired by an Executive Director of the insurance subsidiaries with members including the Chief Executive Officer, the relevant Senior Vice Presidents and senior staff from the relevant functional departments of the insurance subsidiaries. The RC of the HKMCA includes independent and non-executive directors to provide independent risk oversight on its operation.

Credit Risk

Loan Assets and Guarantee Portfolio

The Group maintains loan and guarantee portfolios of retail and commercial loan assets, which primarily comprise mortgage loans. Credit risk is the Group’s primary risk exposure. It represents the default risk presented by loan borrowers and counterparties.

(a) *Default risk*

To effectively address default risk, the Group adopts a four-pronged approach to safeguard and maintain the quality of its assets, MIP and SME guarantee portfolios:

- careful selection of counterparties, including Approved Sellers, Servicers, Reinsurers and Lenders
- prudent eligibility criteria for asset purchase, insurance and guarantee application
- effective due diligence processes for mortgage purchase, default loss, insurance and guarantee claims
- enhanced protection for higher-risk transactions.

Losses may arise if there are shortfalls in the recovery amount received for defaulted loans that fall under the Mortgage Purchase Programme (**MPP**). To mitigate this default risk, the Group establishes prudent loan purchasing criteria and conducts effective due diligence reviews as part of the loan purchase process to maintain the credit quality of loans. In addition, depending on the projected risk exposure of each underlying loan portfolio, credit enhancement arrangements are agreed upon with Approved Sellers on a deal-by-deal basis to reduce credit losses that could arise from the borrower’s default.

Losses may also arise from default on loans under the MIP's insurance coverage. Each MIP application is underwritten by the Group in accordance with a set of eligibility criteria and each claim from a participating bank is reviewed by the Group to ensure the fulfilment of all MIP coverage conditions. As a result, the default risk for loans with MIP coverage has been greatly reduced. To reduce the risk of possible concentration of this default risk, the Group transfers a portion of the risk-in-force to Approved Reinsurers through reinsurance arrangements.

Similarly, losses may arise from a borrower's default on loans in the SME guarantee portfolio. The borrower's default risk of each guarantee application is assessed by the lender in accordance with their credit policies. In addition, the Group adopts prudent eligibility criteria, conducts administrative vetting and credit reviews to better understand the credit quality of the applications, and carries out a due diligence review on each default claim to ensure the loan's compliance with the Group's eligibility criteria and the lenders' internal credit policies.

In addition, the Group adopts a three-pronged approach to manage the default risk under the MFS, comprising: (a) prudent assessment of borrowers' repayment capability; (b) a vetting panel to consider business viability and approval of the loan applications; and (c) the provision of training and mentoring support to borrowers.

Credit performances of the loan and guarantee portfolios are tracked and reported on a regular basis to provide management with an updated credit profile to monitor the operating environment closely for any emerging risks to the Group, and to implement risk-mitigating measures in a timely way.

(b) *Seller/Servicer counterparty risk*

Counterparty risks may arise from the failure of a Seller/Servicer of an acquired portfolio to remit scheduled payments to the Group in a timely and accurate manner.

The Approved Sellers/Servicers are subject to a risk-based eligibility review and ongoing monitoring of their loan servicing quality and credit standing.

(c) *Reinsurer counterparty risk*

Reinsurer counterparty risk refers to the failure of an Approved Reinsurer to make claim payments to the Group. To mitigate reinsurer counterparty risk effectively, the Group has established a framework for the assessment of mortgage reinsurers' eligibility and requested collateral on the risk exposures.

The Group performs annual and ad-hoc reviews of each Approved Reinsurer to determine the eligibility for ongoing business allocation and risk-sharing portions.

(d) *Treasury counterparty risk*

Treasury counterparty risk arises when there is a delay or failure from treasury counterparties to make payments with respect to treasury instruments transacted with the Group. Treasury counterparties are managed by a ratings-based counterparty assessment framework and a risk-based counterparty limit mechanism. The treasury counterparties are continually monitored and the counterparty limits are adjusted based on the assessment results.

Furthermore, the Group has set up bilateral collateral arrangements with major swap counterparties to mitigate treasury counterparty risk.

(e) Lender risk

The Group is exposed to lender risk in SME lending that arises from: (a) a lender's underwriting being non-compliant with its credit policy; (b) a lender's loosely formulated credit policy that is not specific enough or sufficiently defined for compliance; and (c) the moral hazard of a lender being less prudent in underwriting a guarantee-protected application. The Group manages lender risk through the review of the lenders' credit policies and the due diligence reviews on claims.

At the heart of the credit risk management framework are the CC, TAC or the RC as in the case of the insurance subsidiaries.

The CC or RC as appropriate is responsible for setting the credit policies and eligibility criteria. The CC or RC as appropriate is the approval authority for accepting applications to become Approved Sellers/Service providers under the MPP, Approved Reinsurers under the MIP, Approved Lenders under the SFGS and eligible treasury counterparties. It is also responsible for setting risk exposure limits for counterparties. The CC and RC monitor the operating environment closely and put in place timely risk mitigating measures to manage the credit risk.

TAC or the RC as appropriate conducts an in-depth analysis of pricing economics and associated credit risks for business transactions, while taking into consideration the latest market conditions and business strategies approved by the Board.

Infrastructure Loans

The Group acquires infrastructure loans and intends to establish an infrastructure securitisation platform to offload those loans in the form of securitised debt securities.

Infrastructure financing risk mainly arises when the borrower of an infrastructure project fails to meet its repayment obligations. This may typically arise from construction risk, demand risk, political risk and counterparty risk.

Construction risk arises when a project fails to be completed within specifications and schedule; demand risk is the risk that revenue derived from a project falls below expectation; political risk arises when the project is adversely impacted by political actions; counterparty risk arises when key counterparties fail to meet their contractual obligations.

In addition, environmental and social risk arises when a project fails to observe the environmental, social and governance standards which gives rise to adverse financial or reputational issues with the project financier.

Legal and compliance risks arise from uncertainty in the applicability or interpretation of contracts, laws and regulations, and failure to comply with legal, statutory and regulatory obligations when borrowers of the project fail to maintain a robust corporate governance and compliance framework.

The infrastructure financing risk is managed through prudent underwriting criteria, in-depth due diligence reviews conducted by in-house expertise and independent consultants, strong project structures and robust financing documentation, and an ongoing monitoring and review mechanism. A dedicated division, inclusive of an independent risk control unit, is established to perform the day-to-day risk management for infrastructure investments.

IFSIC is the governing forum to manage the infrastructure investments. The IFSIC is responsible for overseeing compliance with rules, guidelines and policies in relation to infrastructure finance, and for approving and monitoring the infrastructure investments.

Market Risk

Market risk arises when the Group's income or the value of its portfolios decreases due to adverse movements in market prices. Market risk consists of interest rate risk, asset-liability maturity mismatch risk, liquidity risk and currency risk.

(a) *Interest rate risk*

Net interest income is the predominant source of earnings for the Group. It represents the excess of interest income (from the Group's loan portfolio, cash and debt investments) over interest expenses (from debt issuance and other borrowings). Interest rate risk arises when changes in market interest rates affect the interest income associated with the assets and/or interest expenses associated with the liabilities.

The primary objective of interest rate risk management is to limit the potential adverse effects of interest rate movements on interest income/expense while maintaining stable earnings growth. The interest rate risk faced by the Group is two-fold, namely interest rate mismatch risk and basis risk. Interest rate mismatch risk is the most substantial risk affecting the Group's net interest income. It arises mainly as a result of the differences in the timing of interest rate re-pricing for the Group's interest-earning assets and interest-bearing liabilities. Interest rate mismatch risk is most evident in those loan portfolios where the majority of the loans are floating-rate assets (benchmarked against the Prime Rate or HIBOR Rate), while the majority of the Group's liabilities are fixed-rate debt securities. The Group makes prudent use of a range of financial instruments, such as interest rate swaps, interest rate swaptions, basis swaps, forward rate agreements and issuances of MBS, to manage interest rate mismatch risk. The proceeds of the fixed-rate debt securities are generally swapped into HIBOR-based funds via interest rate swaps to better match the floating-rate incomes from mortgage assets.

The Group also uses duration gap as an indicator to monitor, measure and manage interest rate mismatch risk. Duration gap measures the difference in interest rate re-pricing intervals between assets and liabilities. The wider the duration gap, the higher the interest rate mismatch risk. A positive duration gap means the duration of assets is longer than that of the liabilities and, therefore, represents greater risk exposure to rising interest rates. A negative duration gap, in contrast, indicates greater risk exposure to declining interest rates.

Depending on the prevailing interest rate outlook and market conditions, the Group proactively re-balances the duration gap of its asset-liability portfolio under the guidance and supervision of ALCO.

Basis risk represents the difference in benchmark rates between the Group's Prime-based interest-earning assets and its HIBOR-based interest-bearing liabilities. However, there are only limited financial instruments available in the market to fully hedge the Prime-HIBOR basis risk. In general, basis risk can be effectively addressed only when assets are based on HIBOR to match the funding base, or when related risk management instruments become more prevalent or economical. Over the past few years, the Group has consciously adopted a strategy that acquires more HIBOR-based assets. As a result, the Prime-HIBOR basis risk for the Group has been substantially reduced. In addition, the Group has issued Prime-based MBS and used hedging derivatives to mitigate such basis risk.

(b) *Asset-liability maturity mismatch risk*

The actual average life of a portfolio of mortgage loans and infrastructure loans, which is usually shorter than their contractual maturity, depends on the speed of scheduled repayments and unscheduled prepayments. Higher prepayment rates shorten the average life of a portfolio of mortgage loans. In Hong Kong, prepayment occurs for two main reasons: (i) housing turnover: borrowers repaying their mortgage loans upon the sales of the underlying properties, and (ii) refinancing: borrowers refinancing their mortgage loans to obtain lower mortgage rates.

Asset-liability maturity mismatch risk can be more specifically characterised as reinvestment risk and refinancing risk. Reinvestment risk refers to the risk of a lower return from the reinvestment of proceeds that the Group receives from prepayments and repayments of its loan portfolio. Refinancing risk is the risk of refinancing liabilities at a higher level of interest rate or credit spread. The Group is exposed to refinancing risk (in funding amount and cost of funds) when it uses short-term liabilities to finance long-term, floating-rate loan portfolios. Reinvestment risk is managed through the ongoing purchase of loan assets to replenish the rundown in the retained portfolios and through the investment of surplus cash in debt securities or cash deposits to fine-tune the average life of the overall asset pool. In addition, the Group uses the issuance of callable bonds and transferable loan certificates to mitigate reinvestment risk. The call option embedded in callable bonds and transferable loan certificates allows the Group to adjust the average life of its liabilities to match more closely with that of the overall pool of assets.

The Group manages its refinancing risk through flexible debt securities issuance with a broad spectrum of maturities. This serves to adjust the average life of the overall liability portfolio in a dynamic fashion. In addition, refinancing risk can be mitigated by adjusting the maturities of assets in the investment portfolio, or off-loading loan assets through the securitisation of loans into MBS and securitised debt securities. The Group uses the asset-liability maturity gap ratio to measure, monitor and manage asset-liability maturity mismatch risk to ensure a proper balance between the average life of the Group's assets and liabilities.

(c) *Liquidity risk*

Liquidity risk represents the risk of the Group not being able to repay its obligations, such as the redemption of maturing debt, or to fund the committed purchases of loan portfolios. The Group implements its liquidity risk management framework in response to changes in market conditions. The Group continuously monitors the impact of market events on its liquidity position, and pursues a prudent pre-funding strategy to help contain the impact of any global financial turmoil on its liquidity. Liquidity risk is managed by monitoring the daily inflow and outflow of funds, and by projecting the longer-term inflows and outflows of funds across the full maturity spectrum. The Group uses the liquid asset ratio to measure, monitor and manage liquidity risk.

Given its strong background as a wholly government-owned entity and its solid credit rating, the Group is efficient in raising funds from debt markets with both institutional and retail funding bases. This advantage is supplemented by the Group's portfolio of highly liquid investments, which is held to enable a swift and smooth response to unforeseen liquidity requirements. The HK\$30 billion Revolving Credit Facility from the Exchange Fund further provides the Group with a liquidity fallback even if exceptional market strains last for a prolonged period.

The Group manages pre-funding prudently through well-diversified funding sources, so all foreseeable funding commitments are met when they fall due. This supports the growth of its business and the maintenance of a well-balanced liability portfolio. Such diversification allows the Group to pursue a pre-funding strategy at the lowest possible cost, while offering safeguards against the difficulty of raising funds in distorted market conditions. The current funding sources are illustrated in **Table 1** below:

Table 1: Current Funding Sources for the Group

Funding Source	Description
US\$6 billion Medium Term Note Programme	An extensive dealer group is appointed to underwrite and distribute local and foreign currency debt to international institutional investors under the programme
HK\$40 billion Debt Issuance Programme	Primary Dealers and Selling Group Members underwrite and distribute debt to institutional investors under the DIP. The Transferable Loan Certificate Sub-Programme under the DIP provides further diversification of its funding sources and broadening of its investor base
HK\$20 billion Retail Bond Issuance Programme	Placing Banks use their branch networks and telephone and electronic banking facilities to assist the Group in offering retail bonds to investors
US\$3 billion Bauhinia Mortgage-Backed Securitisation Programme	This multicurrency, mortgage-backed securitisation programme permits the Group to originate MBS in both the local and international markets
Investment Portfolio	This portfolio comprises mainly cash and bank deposits, commercial paper, high-quality certificates of deposit, and notes that are readily convertible into cash
Money Market Lines	The Group has procured money market lines from a large number of local and international banks for short-term financing
HK\$30 billion Revolving Credit Facility	The Exchange Fund commits to providing the Group with HK\$30 billion in revolving credit

(d) *Currency risk*

Currency risk arises from the impact of foreign exchange rate fluctuations on the Group's financial position and foreign currency-denominated cash flows. The Group manages its currency risk strictly in accordance with the investment guidelines approved by the Board and under the supervision of the ALCO, which sets daily monitoring limits on currency exposure.

In accordance with this prudent risk-management principle, the net exposure of the foreign currency-denominated debts issued under the MTN Programme is fully hedged by the use of cross-currency swaps.

Transaction execution is segregated among the front, middle and back offices to ensure adequate checks and balances. The Treasury Department, acting as the front office, is responsible for monitoring financial market movements and executing transactions in the cash, derivatives, debt and securitisation markets in accordance with the strategies laid down by ALCO. The Risk Management Department, assuming the middle-office role, monitors compliance with treasury counterparty and market risk limits. The Operations Department, acting as the back office, is responsible for deal verification, confirmation, settlement and the payment process.

ALCO is responsible for the overall management of market risk. It follows the prudent risk management principles and investment guidelines approved by the Board. It is responsible for reviewing and managing the market risk, including interest rate risk, asset-liability maturity mismatch risk, liquidity and funding risk, and currency risk. Regular meetings are held to review the latest financial market developments and formulate relevant asset-liability management strategies.

Longevity Risk

Longevity risk under the RMP and PLIS refers to the heightening risk of longer and larger payouts. The longer the payout and loan period, the larger the loan balance will accrue over time, and the lesser the buffer will be from the sale of the property to cover the outstanding loan balance. A loss may arise if there is a shortfall in the recovery amount after the disposal of the property.

Longevity risk under the HKMC Annuity Plan (**Plan**) is the risk that the actual life expectancies of annuitants are longer than expected, resulting in a longer stream of monthly payouts, which in turn could materially impact the long-term sustainability of the Plan.

The termination rate of the loans under the RMP and PLIS and the annuity policies under the Plan depend largely on the mortality rate (that is, life expectancy) of the borrowers and the annuitants respectively. The Group takes on longevity risk through setting prudent actuarial assumptions in mortality rates as well as future improvement in life expectancy. Annual risk analysis is conducted to assess the potential financial impact of longevity risk, as well as the interaction among the various risk factors under the RMP and PLIS and the Plan. The mortality assumptions are reviewed on a regular basis.

The LRC is the governing forum that manages the longevity risk of the Group. Its duties include approving longevity risk management policies, hedging transactions and reviewing longevity experiences and exposures of the Group. It also monitors and analyses the general trend, technological changes and their implications for human longevity.

Property Risk

Property risk arises from fluctuation in the value of property that acts as collateral for the Group's loan and guarantee portfolios under the MPP, MIP, RMP and PLIS. The Group manages property risk by soliciting valuation from professional surveyor for each property securing a loan purchase or application, setting prudent assumptions in the recoverable value of the collateralised property, restricting maximum loan-to-value ratios of the loans under the relevant programmes and conducting stress tests to examine the impact of adverse market conditions.

The CC and RC are the governing forums that manage the property risk of the Group.

Placements with Exchange Fund

The HKMCA places its annuity premium receipts in the Investment Portfolio (**IP**) and Long Term Growth Portfolio (**LTGP**) of the Exchange Fund to earn interest. Furthermore, the HKMCA places its paid-up capital and retained earnings to the IP to manage the return on capital. The Group is exposed to market risk when the investment return falls short of the expected level. The risk of loss could result from adverse movements in interest rates, equity prices, property prices and foreign exchange rates. The Group actively monitors and reviews the investment portfolio to determine the strategic asset allocation between IP and LTGP.

The RC of the HKMCA is the governing forum for managing all the risks arising from the premium and capital placements.

Operational Risk

Operational risk represents the risk of losses arising from inadequacies, or the failure of internal processes, people or systems, or external interruptions.

The Group adopts a bottom-up approach to identify operational risk by conducting in-depth analyses of new products, business activities, processes, system enhancements and due diligence reviews of new operational flows. Comprehensive validation rules, management information system reports and audit trails are in place to track and report any errors or deficiencies.

The Group actively manages operational risk with its comprehensive system of well-established internal controls, authentication structures and operational procedures. The operational infrastructure is well designed to support the launch of new products in different business areas. Rigorous reviews are conducted before the implementation of operational or system infrastructure to ensure adequate internal controls are in place to mitigate operational risks.

To ensure an efficient and effective discharge of daily operations, the Group pursues advanced technological solutions alongside robust business logistics and controls to carry out its operational activities and business processes. Steps are taken to ensure the accuracy, availability and security of these systems. The Group also takes cautious steps to institute adequate checks and balances to ensure its operations are controlled properly. Effective internal controls help minimise financial risk and safeguard assets against inappropriate use or loss, including the prevention and detection of fraud.

Information Risk Management

The Group has set up the Information System Security Policy to govern the requirements of security standards and establishes controls over the confidentiality, integrity and availability of information assets for observance by all staff. The Group implements various information security measures to minimise its exposure to external attacks. Internally, the Group also implements security controls on its local area network to reduce damage in the event of a malicious intrusion. The Group engages external consultants when appropriate to conduct intrusion vulnerability tests to enhance system security. To ensure a high degree of compliance, the Group's mission-critical systems and processes are subject to regular review by internal auditors.

Furthermore, the Group has stepped up its supervisory efforts to enhance cyber resilience in two areas. First, a designated Information Risk Management Department (**IRM**) has been set up to define and implement the information risk management framework and governance of IT controls. Second, the IRM helps to ensure the Group has adequate awareness of, and compliance with, the information security policies, and to provide support for the investigation of any technology-related fraud and incidents.

Business Continuity Plan

The Group's business recovery plan ensures the maximum possible service levels are maintained at all units to support business continuity and minimise the impact of business disruption from different disaster scenarios. Each business unit regularly assesses the impact of disaster scenarios and updates recovery procedures. To ensure business recovery procedures are practical, an annual corporate-wide business continuity drill is conducted. Daily back-ups and offsite storage of back-up tapes are in place to protect the Group from IT disasters.

Product Sign-off Mechanism

To ensure all risk factors are considered when designing and implementing a new product, the Group has developed a product development management framework, under which a proper sign-off of product specification is conducted prior to the launch of any new product. The product driver is clearly assigned at the start of the product development process and is responsible for instituting the sign-off process. Products can be launched only after all functional departments have signed off and confirmed functional readiness.

Complaint-handling Mechanism

The Group makes a continuous effort to improve its core processes to ensure its products and services meet customers' expectations. To make sure customers' feedback is timely and properly attended to, the Group has a formal complaint-handling mechanism to track, report and handle complaints.

The ORC is responsible for ensuring all line functions in the Group maintain an effective operational risk and internal control framework. The ORC establishes key risk indicators to track the key operational risk items and monitor the effectiveness of the risk mitigating measures. Operational risk incidents that may potentially indicate a control weakness, a failure or non-compliance in internal processes are logged, reported and handled for operational risk management. The ORC is also responsible for providing directions and resolving issues related to policies, controls and the management of operational issues as well as

ensuring prompt and appropriate corrective actions in response to audit findings related to operational risks or internal controls.

Legal and Compliance Risk

Legal risk arises from uncertainty in the application or interpretation of laws and regulations, and any unenforceability or ineffectiveness of legal documents in safeguarding the interests of the Group. Compliance risk arises from the failure to comply with laws, regulations, codes of practice and industry practices applicable to the Group.

The Legal Office, headed by the General Counsel, advises the Group on legal matters with a view to controlling legal risk. When new products or business activities are considered, the Legal Office will advise on the relevant laws and the regulatory environment. It will also advise on the necessary legal documentation, and identify possible legal pitfalls with a view to protecting the interests of the Group. Where appropriate, external counsel will be engaged to assist the Legal Office in providing legal support to the Group. The Legal Office works closely with other departments in the Group to advise on legal issues and documentation.

The Compliance Function is part of the Legal Office and is led by the Chief Compliance Officer, who reports to the Chief Executive Officer through the General Counsel. Where appropriate, the Compliance Function will engage external counsel to advise on compliance matters. For a more detailed description of the Compliance Function and its work, please refer to the Compliance Reporting Section of the Corporate Governance Report.

The ORC is the governance committee for legal and compliance risks.

Leveraging Risk

To ensure the Group would not incur excessive risk when expanding its business and balance sheet in proportion to its capital base, the Financial Secretary, in his capacity as the Financial Secretary and not the shareholder, acted as the regulator of the Group, issued the Guidelines on Capital Adequacy Ratio (**CAR**) with reference principally to the Basel II risk-based capital adequacy framework. The minimum CAR is set at 8%. As at 31 December 2018, the Group's CAR was 26.8%.

The prudent use of regulatory capital is monitored closely in accordance with the capital guidelines. The Chief Executive Officer reports the CAR and the daily minimum ratio to the Board of Directors on a quarterly basis. An early warning system is also in place. If the CAR drops to the threshold level of 14%, the Chief Executive Officer will alert the Executive Directors and consider appropriate remedial actions. If the CAR falls to 12% or below, the Board of Directors will be informed and appropriate remedial actions will be taken.

Corporate Governance Report

Corporate Governance Report

Corporate Governance Practices

The missions of the Corporation are to promote:

- stability of the banking sector
- wider home ownership
- development of the local debt market
- development of retirement planning market.

The Corporation operates on prudent commercial principles and is committed to ensuring a high standard of corporate governance to improve the overall accountability, transparency and long-term sustainability of its operations. The Corporation's corporate governance practices are set out in its "Corporate Governance Code" (**Code**) approved by the Board. The Code is premised on the principles of fairness, transparency, accountability and responsibility to all stakeholders and has been issued to the shareholders, Directors and staff members. The Code is also available on the Corporation's website (www.hkmc.com.hk).

Monitoring of compliance with the Code starts with self-assessment by each department each year, which is to be followed by an independent review by the Chief Internal Auditor of the Control Self-assessment Forms completed by each department. A compliance report will then be submitted to the Board for review. The Board is empowered to require that appropriate action be taken in relation to any non-compliance.

In February 2019, the Chief Internal Auditor conducted an independent review of the Control Self-assessment Forms provided by each department in relation to the compliance with the Code for 2018. Based on the audit findings on the Corporation's internal controls systems and the completed Control Self-assessment Forms for the year, the Chief Internal Auditor was of the opinion that the Code had been complied with in all material respects.

Enhancements to the Corporate Governance Code

Maintaining a robust and sensible framework of corporate governance for the effective and prudent management of the Corporation is always a top corporate priority. To ensure that the Corporation's corporate governance practices are commensurate with the best standards, the Corporation will review the Code from time to time and will adopt any relevant development in corporate governance practices.

Shareholders

All the shares of the Corporation are beneficially owned by the Financial Secretary of Hong Kong as Controller of the Exchange Fund.

The Board

The Board is responsible for leading the Corporation and promoting its success in an accountable and effective manner. To provide strategic leadership and effective control of the Corporation, the Board meets in person at least four times a year to oversee the Corporation's business strategy and policies, budgeting and planning, organisational and financial performance, risk management, human resources as well as community relations. In order to ensure that well-balanced decisions are made by the Board, the composition of the Board includes officials from the Government, representatives from political parties, banking sector, the accounting and legal professions, and also the Consumer Council. Directors are encouraged to attend Board meetings to ensure that issues are properly discussed.

The Code requires that Directors are provided with appropriate information before Board meetings to enable them to be updated on the affairs of the Corporation, and make informed decisions at the meetings. During the year under review, four Board meetings were held.

The Code also requires Directors to avoid situations which may, or may be seen to, compromise their personal judgement or integrity in the performance of their duties as Directors of the Corporation or lead to conflict of interests.

Directors are requested to declare their or their respective connected entities' material interests in any matter to be considered by the Board. If a Director or any of his or her connected entities has a conflict of interests in a matter to be considered by the Board, such Director will abstain from, and not be counted in the quorum in respect of, voting on such matter at the Board meeting. In respect of each financial reporting period, the Corporation will seek confirmation from Directors in respect of their and their respective connected entities' material interests in significant transactions, arrangements or contracts involving the Corporation or its subsidiaries or subsidiary

undertakings. Material related-party transactions between the Corporation and its counterparties will be identified and disclosed in the notes to the financial statements each year in accordance with the Hong Kong Financial Reporting Standards.

As at 31 December 2018, there were 16 Directors all of whom were duly appointed by the shareholders of the Corporation. Information about Directors is set out in the Directors' Report published in the Annual Report and also available on the Corporation's website. All Directors, other than the four Executive Directors, are non-executive and are not actively involved in the day-to-day management of the Corporation. Non-Executive Directors, however, do play an important role in bringing their independent judgement, considerable knowledge and diverse expertise to the Board's deliberations which in turn provide effective steer to Management in pursuit of the Corporation's policies. The Corporation does not remunerate its Directors.

For newly appointed Directors, the Corporation will provide an induction briefing on the business activities, strategies and objectives of the Corporation.

The term of a Non-Executive Director is generally one year. Under the Articles of Association of the Corporation, all Non-Executive Directors will retire at the next Annual General Meeting following their appointment but are eligible for re-election.

The Corporation maintains a directors' and officers' liability insurance policy for its Directors and officers against legal proceedings and other claims arising in the course of discharge of their duties in respect of the Corporation.

Chairman and Chief Executive Officer

During 2018, the Hon. Paul Chan Mo-po was the Chairman and Mr Raymond Li Ling-cheung was the Chief Executive Officer. The roles of Chairman and Chief Executive Officer

were separate and not performed by the same individual, which ensured a clear division of responsibilities between the Board and the executive functions of the Corporation's Management. The Board is responsible for laying down strategic direction and business guidelines, approving financial objectives and closely monitoring the Corporation's performance on an ongoing basis. The Chief Executive Officer, who is accountable to the Board, is responsible for leading Management in implementing the Board's decisions in a proper and efficient manner. The Chief Executive Officer also ensures that adequate information relating to the Corporation's business is reported to the Board on a regular basis.

Company Secretary

The Company Secretary is accountable to the Board whose main duty is to ensure that all company secretarial procedures are followed by the Corporation and the Board. In addition, the Company Secretary ensures that Board Papers are provided to Directors in a timely manner prior to each Board meeting. Directors have access to the advice and services of the Company Secretary with a view to ensuring that applicable laws, rules and regulations are complied with in respect of Board proceedings.

The schedule for 2018 Board meetings was provided to Directors in advance to facilitate Directors' attendance at Board meetings. The Code requires that Board Papers should generally be sent to Directors at least seven days before the relevant Board meeting so that Directors could be properly briefed before the Board meeting. Board Papers typically contain comprehensive background or explanatory information about the agenda items and include supporting documents, analyses, research findings, projections, budgets and forecasts, where appropriate. However, any Director adjudged to have a conflict of interests in an agenda item for the Board meeting will not be provided with the relevant Board Paper.

All the minutes of Board meetings and Audit Committee meetings are generally taken in sufficient detail, including the matters considered, decisions reached, concerns raised by Directors and dissenting views expressed at the meetings. All minutes of Board meetings and Audit Committee meetings are kept by the Company Secretary and made available for inspection by any Director, except where a Director has a conflict of interests in any matter discussed under an agenda item, the relevant minutes or materials would be withheld from such Director.

Audit Committee

During the year under review, the Audit Committee comprised the following members:

- Mr Brian Stevenson, Non-Executive Director (Chairman of the Audit Committee)
- Mr Eddie Yue, Executive Director
- Prof. Chan Ka-keung, Non-Executive Director (appointed on 13 July 2018)
- Ms Anita Fung, Non-Executive Director (appointed on 13 July 2018)
- Mr Ng Leung-sing, Non-Executive Director (membership ceased upon retirement as Non-Executive Director on 13 April 2018)
- Ms Miranda Kwok, Non-Executive Director (membership ceased upon retirement as Non-Executive Director on 13 April 2018).

The Audit Committee is responsible for reviewing the Corporation's financial statements, the composition and accounting principles adopted in such statements, the results of the financial audits, and the Corporation's management procedures to ensure the adequacy and effectiveness of its internal controls systems.

The Audit Committee holds regular meetings with Management, the Chief Internal Auditor and external auditor. The Audit Committee also meets on an ad hoc basis to consider special issues requiring its attention. The Chairman of the Audit Committee summarises the reviews conducted by the Audit Committee, and highlights any major issues in a report for submission to the Board for Directors' consideration. In 2018, the Audit Committee held two meetings.

Internal Auditor

The Group Internal Audit (**GIA**) Department operates independently of Management and plays a major role in assessing the internal controls systems of the Corporation. The GIA Department is led by the Chief Internal Auditor who reports directly to the Chairman of the Audit Committee on all matters relating to the Corporation's internal controls. The Chief Internal Auditor also reports to the Chief Executive Officer on day-to-day administrative matters of the GIA Department, and has authority to communicate directly with the Chairman of the Audit Committee without reference to Management.

Each year, the Audit Committee formally approves the annual Internal Audit Work Plan drawn up by the Chief Internal Auditor based on his independent risk assessment and observations of relevant risk management topics discussed at meetings of the Operational Risk Committee and the Corporate Risk Management Committee. In accordance with the annual Internal Audit Work Plan, the GIA Department adopts a risk-based audit approach in conducting its independent reviews of the Corporation's internal controls systems. After each review, the GIA Department discusses the audit findings and recommendations with the relevant department heads,



Audit Committee Meeting

Senior Management and Executive Director. Internal audit reports are submitted to the Audit Committee for review and, thereafter, to the Board for information.

Over the years, Management has adopted an active approach in considering audit findings and recommendations made by the Chief Internal Auditor and closely monitored their implementation.

External Auditor

The Corporation's external auditor is PricewaterhouseCoopers. Detailed information in respect of the auditor's remuneration is disclosed in the Corporation's financial statements. The auditor is allowed to communicate freely with the Chief Internal Auditor and the Audit Committee. To ensure its independence with respect to the Corporation, the auditor would issue a letter, on an annual basis, to the Audit Committee to confirm its independence based on the requirements under section 290 of the Code of Ethics for Professional Accountants of the Hong Kong Institute of Certified Public Accountants. For the purpose of the audit of the Corporation's financial statements for the year ended 31 December 2018, PricewaterhouseCoopers has confirmed its independence to the Audit Committee.

Financial Reporting

The Corporation aims to present a clear, balanced and comprehensible assessment of its performance, financial position and prospects to its stakeholders and the general public. Directors are responsible for the preparation of the financial statements, and there is a statement by the auditor regarding its reporting responsibilities in the Independent Auditor's Report on such financial statements. Directors are to ensure that financial statements are prepared so

as to give a true and fair view of the financial status of the Corporation. The annual and interim results of the Corporation are announced in a timely manner after the end of each relevant period.

Internal Controls

The Board has the overall responsibility for the Corporation's internal controls systems and, through the Audit Committee, conducts periodic reviews on the adequacy and effectiveness of the systems.

Various committees have been established to ensure the efficient operation and prudent risk management of the Corporation. These include the Corporate Risk Management Committee and Infrastructure Financing and Securitisation Investment Committee which are both chaired by an Executive Director to oversee the risks of the Corporation from an enterprise-wide perspective, and the Operational Risk Committee, the Credit Committee, the Transaction Approval Committee, the Asset and Liability Committee and Longevity Risk Committee, each chaired by the Chief Executive Officer. Each of these committees has clear and well-defined terms of reference. Detailed descriptions of these committees and the risk management framework of the Corporation are set out in the Risk Management section of the Annual Report.

The internal controls systems are designed to provide reasonable assurance against material misstatement or loss, manage risks of failure in the operational processes and the attainment of business objectives, safeguard assets against unauthorised use, ensure the maintenance of proper accounting records for internal use and publication, and ensure compliance with policies and applicable legislation and regulations.

Compliance Reporting

The Compliance Function is part of the Legal Office and is established for focused management of regulatory and compliance risks.

The Compliance Function is led by the Chief Compliance Officer who reports to the Chief Executive Officer through the General Counsel. In accordance with the Compliance Policy and the Compliance Manual of the Corporation, the Compliance Function monitors and advises departments of the Corporation on their compliance practices with a focus on conflict of interests, anti-corruption, anti-discrimination, competition, privacy and personal data protection, anti-money laundering and counter-terrorist financing matters for 2018. The Compliance Function conducted compliance audits in 2018 to help ensure that departments of the Corporation maintain robust compliance practices.

To provide transactional support, the Compliance Function undertook reviews of and participated in the sign-off of key transactions during the year. It also organised training to strengthen staff knowledge on compliance matters. To enhance staff knowledge on compliance matters, Compliance Function implements an annual compliance test with different modules for relevant staff from different departments and subsidiaries of the Corporation.

Code of Conduct

The Corporation requires the highest standards of integrity and conduct from its staff members. The requirements and the relevant legal obligations are clearly set out in the Corporation's Code of Conduct (**Code of Conduct**) which forms part of the Staff Handbook. The Code of Conduct sets out, in particular, provisions in regard to potential conflict of interests that may arise between personal interests of staff members and the interests of the Corporation, and other provisions designed to ensure that staff carry out their job duties properly, ethically, impartially and free from any suggestion of improper influence.

A copy of the Code of Conduct is available on the Corporation's intranet to all staff members.

Staff members are required to give written confirmation of their compliance with the Code of Conduct on an annual basis. Based on the confirmation received from the staff members, Management was satisfied that staff members had complied with the Code of Conduct in 2018.

Communication

The Corporation attaches great importance to communication with the public. The Annual Report of the Corporation contains comprehensive information on its business strategies and developments. The Corporation's website (www.hkmc.com.hk) offers timely access to the Corporation's press releases and its business information. The Corporation also maintains a telephone hotline to service enquiries from the public.

Corporate Social Responsibility

The Corporation is committed to fulfilling its corporate social responsibility (**CSR**). In recognition of its contribution to the community and commitment to CSR, the Corporation has been awarded the Caring Organisation Logo by the Hong Kong Council of Social Service each year since 2008 and is now in its eleventh year of CSR participation. In appreciation of employers who place high value on their employees' retirement needs, the Corporation has received the Good MPF Employer Award from the Mandatory Provident Fund Schemes Authority each year since 2014.

In addition, the Corporation continues to maintain the Corporation's website accessible for everyone, including persons with disabilities such as blindness and deafness.

HKMC Insurance Limited (HKMCI) and HKMC Annuity Limited (HKMCA)

The Corporate Governance Codes of the HKMCI and the HKMCA (wholly-owned subsidiaries of the Corporation and authorized insurers under the Insurance Ordinance to carry on general insurance business and long term insurance business in or from Hong Kong respectively) closely follow the Corporation's Code, incorporating best corporate governance practices. During the year, the Board of either subsidiary comprises members from the Board of the Corporation and from the Senior Management of the subsidiary. Directors of the HKMCI and the HKMCA were appointed by the Financial Secretary as ultimate owner of both subsidiaries. The Audit Committee of either subsidiary provides regular reporting to the Corporation's Audit Committee.

In February 2019, the Chief Internal Auditor of the Corporation and the Head of Internal Audit of the HKMCA conducted independent reviews of the Control Self-assessment Forms provided by each department or function of the HKMCI and the HKMCA in relation to the compliance with the Corporate Governance Codes of the HKMCI and the HKMCA for 2018 respectively. Based on the audit findings on both subsidiaries' internal controls systems and completed Control Self-assessment Forms for the year, the Chief Internal Auditor of the Corporation and the Head of Internal Audit of the HKMCA were of the opinion that the Corporate Governance Codes of the HKMCI and the HKMCA had been complied with in all material respects respectively.

Conclusion

The Board was satisfied with the corporate governance practices of the Corporation during 2018. In 2019, the Corporation will continue to review its corporate governance framework and improve those practices as appropriate in the light of ongoing experience, regulatory changes, international trends and developments in order to enhance the Corporation's efficiency and effective management in pursuit of its missions.

香港按揭證券有限公司於一九九七年三月成立，由香港特別行政區政府通過外匯基金全資擁有。香港按揭證券有限公司擁有三間全資附屬公司，分別為香港按證保險有限公司、香港年金有限公司及香港按揭管理有限公司。

使命

促進：

- 銀行業界穩定
- 市民置業安居
- 本地債券市場發展
- 退休規劃市場發展

信貸評級

	標普		穆迪	
	短期	長期	短期	長期
本地貨幣	A-1+	AA+ (穩定)	P-1	Aa2 (穩定)
外幣	A-1+	AA+ (穩定)	P-1	Aa2 (穩定)

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財務摘要

	二零一八年 千港元	二零一七年 千港元	二零一六年 千港元
本年度			
淨利息收入	536,209	507,578	490,642
股東應佔溢利	126,558⁴	806,395	603,984
購買貸款	287,705	315,793	205,771
債券發行 ¹	12,424,465	17,856,470	16,175,123
保險費淨額			
– 一般保險業務	565,739	417,076	367,562
– 年金業務	2,780,240	不適用	不適用
於年終			
貸款組合淨額	6,442,064	7,829,441	9,533,961
已發行債券	37,292,877	34,840,706	34,233,467
承擔風險			
– 按揭保險 ²	19,723,956	17,588,701	14,104,839
– 安老按揭保險 ³	9,644,152	6,875,721	4,315,944
其他數據			
淨息差	1.1%	1.1%	1.0%
資本充足率	26.8%	21.0%	21.3%
成本對收入比率	86.0%⁴	26.8%	30.8%
股東資金回報率	0.9%⁴	8.6%	6.8%

¹ 年期達一年或以上的債券。

² 承擔風險已撇除已作出再保險安排的風險。

³ 承擔的風險包括安老按揭貸款的未償還結餘及已承諾但未提取的未來年金。已承諾但未提取的未來年金，指根據年金年期，預計於未來需向貸款人支付的金額。

⁴ 為方便比較，在扣除按揭證券公司全資附屬公司-香港年金有限公司基於精算假設對其年金業務因需要維持審慎的法定儲備而引起的會計虧損後，二零一八年經調整的股東應佔溢利、股東資金回報率和成本對收入比率分別為5.15億港元、5.1%及36.7%。

主席報告

主席報告

開拓新業務促成核心使命及社會目標。



陳茂波
主席

全球經濟於二零一八年繼續增長，但至下半年增長動力開始減弱。中美兩國的貿易摩擦令全球經濟氛圍受壓，對國際貿易活動的流向及投資活動的影響日益增加。在此背景下，加上美國及其他主要經濟體的貨幣政策正常化持續推進，令全球市場波動加劇。隨著全球經濟增長減速及中美貿易緊張局勢的影響逐漸浮現，許多亞洲經濟體的增長動力在下半年放慢。

香港方面，我們的經濟於下半年雖然顯著放緩，但在二零一八年整體仍能再一年錄得高於趨勢的增長。經本地息口略為調高，加上香港特區政府宣佈多項措施及政策增加土地及樓宇供應，暢旺的香港住宅物業市場近年尾時有所整固。

購買按揭資產

因應銀行體系資金充裕繼續削弱銀行出售按揭資產的意欲，本集團於二零一八年購入約2.877億港元（二零一七年：3.16億港元）的按揭資產。本集團肩負著維持香港銀行及金融穩定性的重要角色，一直作好準備，在有需要時從銀行購買按揭貸款。

推動債券市場發展

本集團在推動本地債券市場發展方面，一直扮演重要角色，過去十多年來持續是香港主要和活躍的企業發債人。二零一八年，本集團發行了不同貨幣的債券（年期一年或以上），總額約124億港元，以滿足本集團的再融資需求及支持公司業務。本集團亦獲得標普全球評級給予「AA+」和穆迪給予「Aa2」的信貨評級，與香港特區政府的信貨評級相同。

協助市民置業安居

按揭保險計劃是香港物業按揭市場主要部份之一。自一九九九年推出以來，按揭保險計劃一直促使自置居所更易於負擔及達成，藉此促進香港有更多自置居所，從而履行本集團的核心使命。本集團至今已協助超過141,600個家庭自置居所，可見該計劃深受歡迎。二零一八年，該計劃的需求保持穩定，所批核的新提取按揭貸款總額為325億港元(二零一七年：323億港元)。

繼續支援中小型企業

香港約有340,000間中、小型企業(「中小企」)，構成差不多整體本地企業。香港特區政府延長本集團獲委託營運的中小企融資擔保計劃下八成信貸擔保產品的申請期，藉此繼續致力支援中小企。該計劃提供有效平台，幫助中小企取得銀行貸款，令他們能把握經濟機遇及提升競爭力。年內，本集團繼續與參與該計劃的銀行、中小企協會及工商總會進行密切有效的溝通，以加強公眾對該計劃的認識和了解。截至二零一八年底，本集團已批出超過14,500宗申請，涉及貸款總額約585億港元，該計劃自推出以來已惠及超過8,500間本地中小企及逾224,700名員工。

為自置居所業主提供更多退休融資選擇

本集團於二零一一年推出安老按揭計劃，為自置居所業主提供新的財務策劃選擇，藉此於退休生活期間安享穩定現金流。本集團於二零一六年十月將該計劃擴展至香港房屋委員會及香港房屋協會轄下大部份資助房屋計劃中未補地價的資助出售房屋。本集團成功持續實施重點教育活動，令安老按揭計劃的市場認受程度不斷提升。該業務錄得申請宗數在二零一八年穩步增長，較二零一七年增加7.5%。有見公眾對退休規劃的認識提高，本集團將繼續履行使命，促進退休規劃市場發展，以滿足退休人士及公眾的需求。

促進完善退休規劃

完善的退休規劃對維持退休生活素質極為重要。本集團開拓新業務，於二零一八年七月推出香港年金計劃(「**年金計劃**」)，提供另一退休理財方案，以便市民規劃退休，並促進本地年金市場發展。年金計劃替長者將一筆過現金轉化為終身每月定額收入。受年金計劃首次推出所帶動，本地年金市場年內快速增長。回應市場意見，年金計劃於十二月再次推售，並同步推出優化措施，加強財務保障，產品特性更靈活，不設申請期限，可隨時投保。截至年底，年金計劃共批出5,422份保單，所收保費總額約28億港元，平均每份保單收得保費金額約513,000港元。

二零一八年財務表現

股東應佔溢利跌至1.27億港元(二零一七年：8.06億港元)，主要反映本集團的新設年金業務為維持審慎法定的儲備而產生會計虧損，二零一八年再無二零一七年所錄得的非經常性出售投資所得，以及支持香港特區政府若干政策而投放業務資源。儘管年金業務錄得會計虧損，其內含價值約為52億港元，顯示該業務長遠而言應有盈利。

資本充足率處於26.8%的穩健水平(二零一七年：21%)，以預留資金作業務發展之用。本集團轄下從事一般保險業務的附屬公司的償付能力充足率約為42倍，從事年金業務的另一附屬公司則約為34倍，兩者均遠高於相關最低監管要求。

展望二零一九年

展望前景，全球經濟增長放緩、中美貿易摩擦以及其他宏觀經濟及地緣政治影響均為環球金融市場帶來眾多不明朗因素。聯儲局雖於三月提出將放慢加息步伐，並將於九月結束資產負債表縮減計劃，但美國利率的未來走勢仍然會視乎數據而定，維持不明確。市場預期或會隨經濟狀況變化，導致全球金融市場波動更大。環球經濟前景不明朗將窒礙香港的經濟表現，本地金融及資產市場亦會面臨波動風險。本集團將審慎經營新設及現有業務，促成核心使命和社會目標。

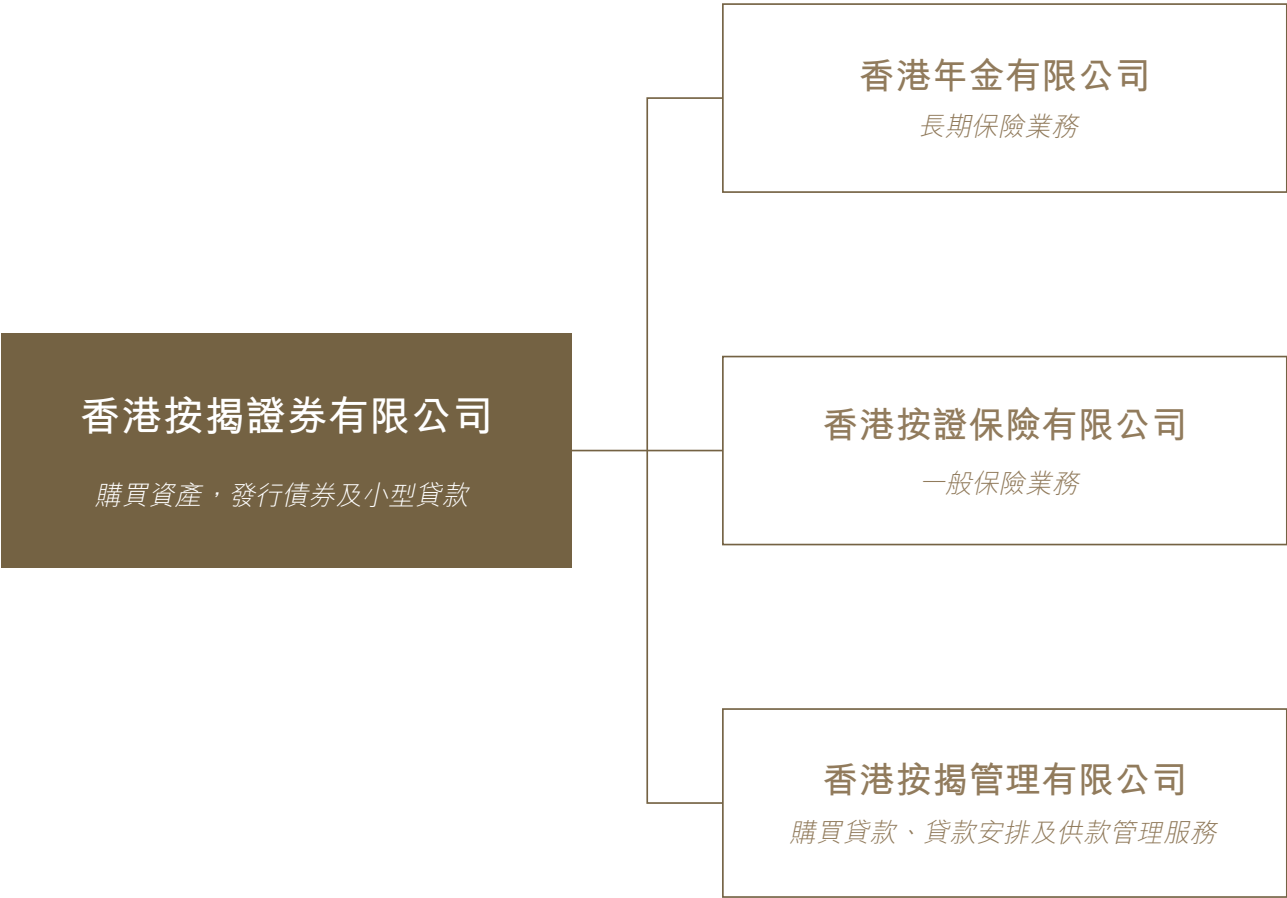
最後，謹向董事局同寅、管理層成員和所有員工衷心致意，感謝他們竭誠工作及鼎力支持。

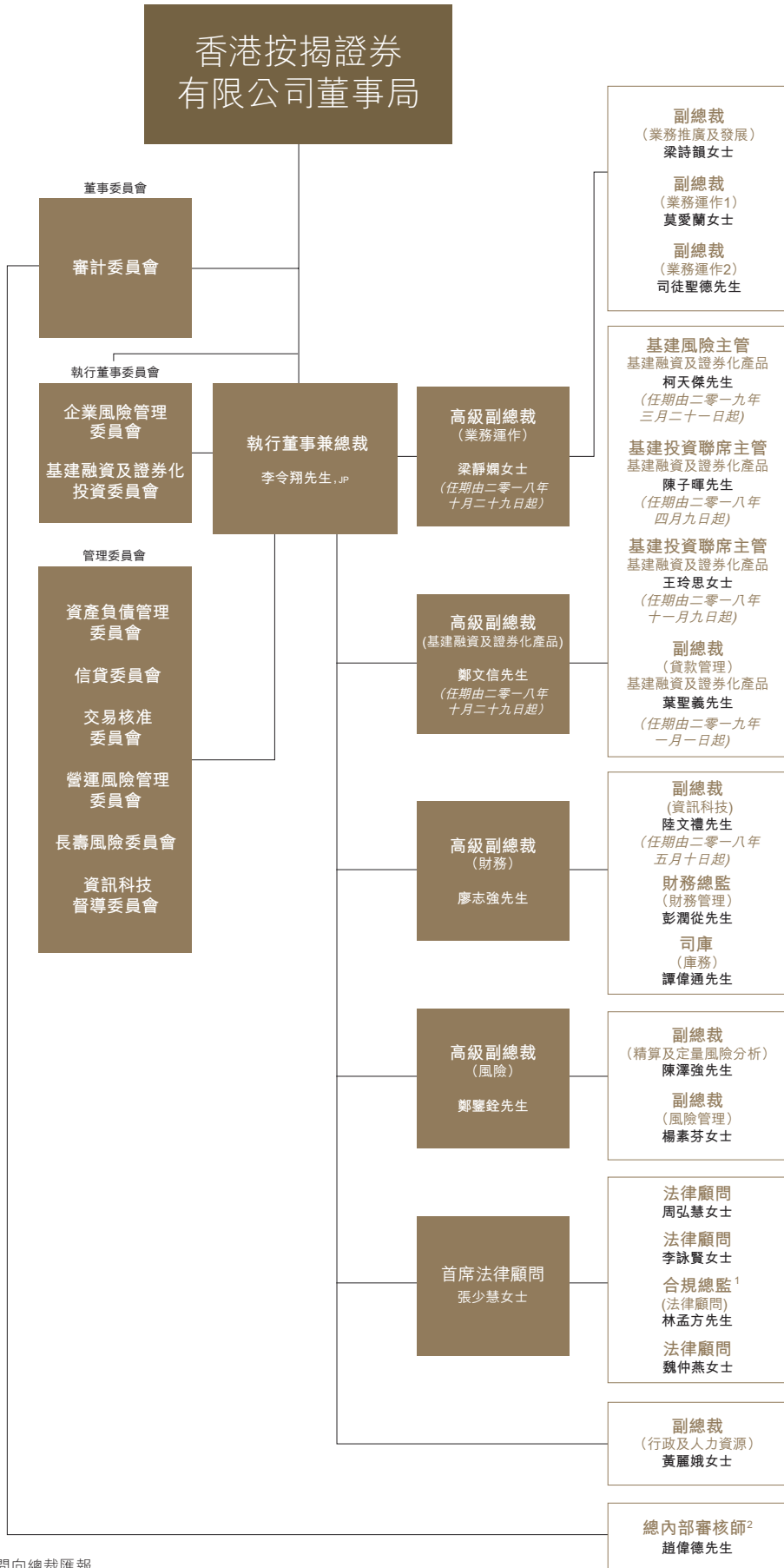


陳茂波
主席

組織架構

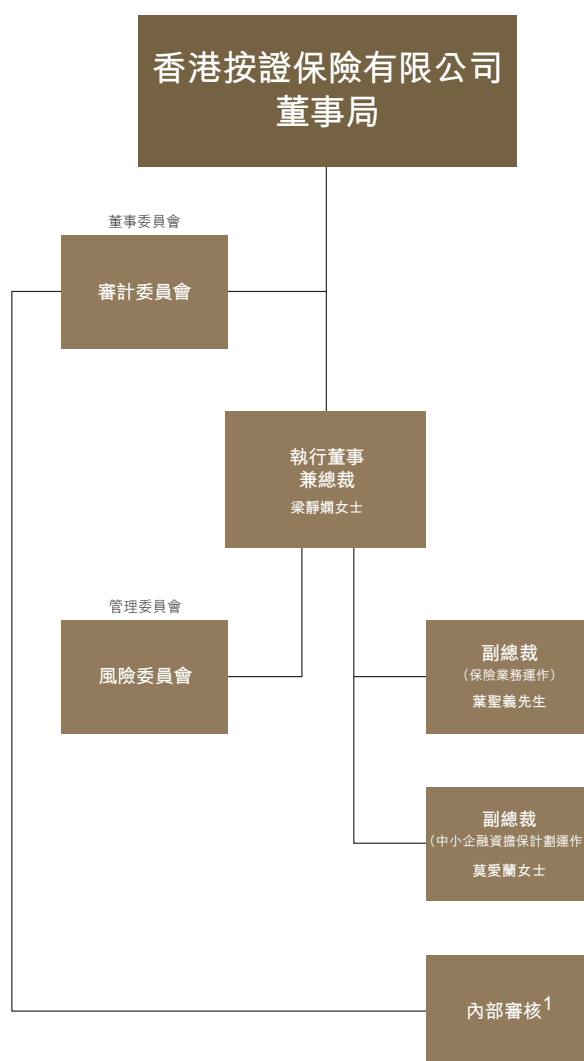
組織架構



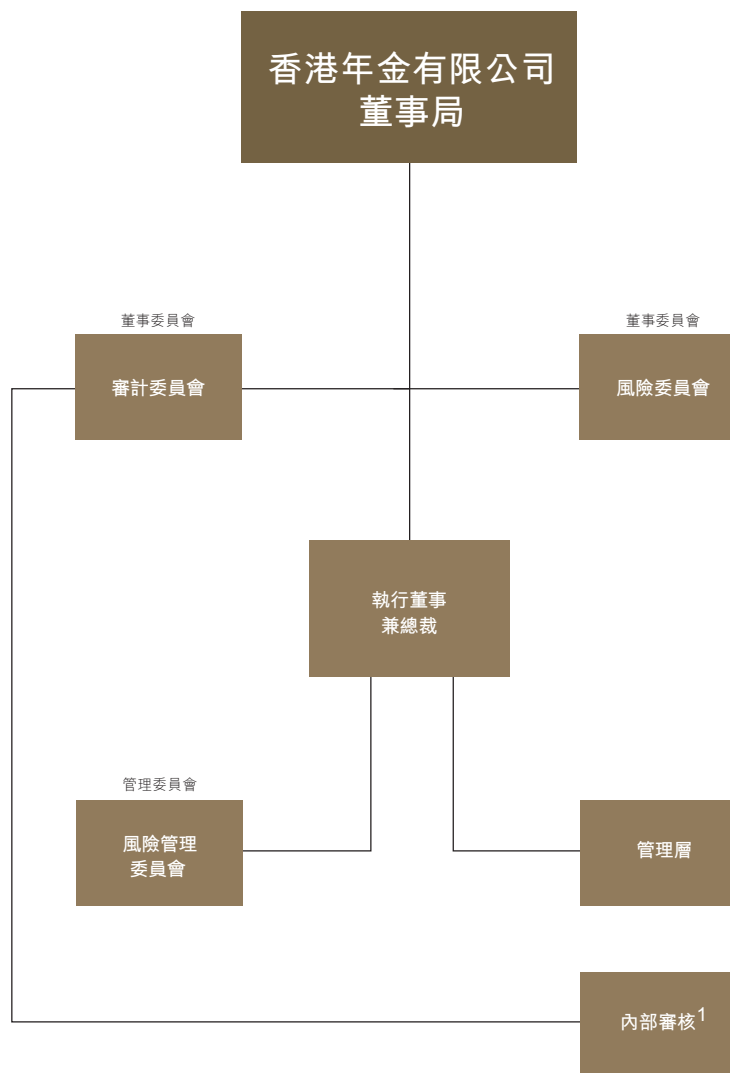


¹ 經過首席法律顧問向總裁匯報

² 日常行政職務向總裁匯報



¹ 日常行政職務向總裁匯報



¹ 日常行政職務向總裁匯報

董事局成員



陳茂波先生 大紫荊勳賢 GBS MH JP
主席兼執行董事
財政司司長



陳德霖先生 GBS JP
副主席兼執行董事
香港金融管理局總裁



余偉文先生 JP
執行董事
香港金融管理局副總裁



李令翔先生 JP
執行董事兼總裁
香港金融管理局高級助理總裁



林健鋒先生 GBS JP
非執行董事
行政會議成員
立法會議員
永和實業有限公司董事長



劉怡翔先生 JP
非執行董事
財經事務及庫務局局長
(於二零一八年四月十九日獲委任)



陳帆先生 JP
非執行董事
運輸及房屋局局長
(於二零一八年四月十九日獲委任)



張國鈞先生 JP
非執行董事
行政會議成員
立法會議員
中西區區議會議員
張國鈞楊煒凱律師事務所合夥人



郭榮鏗先生
非執行董事
立法會議員
執業大律師



黃玉山教授 SBS BBS JP
非執行董事
香港公開大學校長



陳家強教授 GBS JP
非執行董事
香港科技大學兼任教授



施文信先生 GBS JP
非執行董事



王桂孺先生 BBS JP
非執行董事
法朗克律師行
(香港及上海辦事處)主理人



馮婉眉女士 BBS JP
非執行董事
香港交易及結算所有限公司董事



張亮先生
非執行董事
香港賽馬會慈善及社區事務執行總監



趙黃舜芬女士
非執行董事
Singapore Life Pte. Ltd. 非執行董事
(於二零一八年五月二十三日獲委任)



吳亮星先生 SBS JP
非執行董事
(於二零一八年四月十三日退任)



郭珮芳女士
非執行董事
(於二零一八年四月十三日退任)



龔楊恩慈女士
非執行董事
(於二零一八年四月十三日退任)



藍玉權先生
非執行董事
(於二零一八年四月十三日退任)



LEE Huat-on 先生
非執行董事
(於二零一八年四月十三日退任)

大事 紀要



與商業
伙伴合作

公眾教育

參與
外界活動

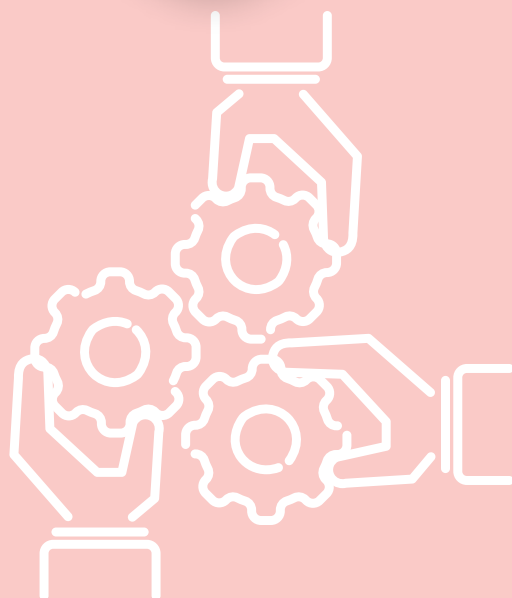
企業
社會責任

重要事件

社區參與

參與 外界活動





與商業 伙伴合作





公眾教育





社區參與





社區參與



重要事件



香港年金計劃啟動禮

退休生活有年金 自製長糧至安心

2018年7月5日



香港年金計劃啟動禮

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香港年金計劃啟動禮

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企業 社會責任



10 years +
同心展關懷[®]
caring organisation

Awarded by The Hong Kong Council of Social Service
香港社會服務聯會頒發





企業社會責任

企業社會責任

本公司致力貢獻社會及履行企業社會責任，獲得認同；自二零零八年起，獲香港社會服務聯會頒發「商界展關懷」計劃下「同心展關懷」標誌，現已踏入第十一年。為嘉許重視員工退休保障的僱主，強制性公積金計劃管理局亦自二零一四年起向本公司頒發「積金好僱主」獎項。

作為對社會負責任的機構，本集團關懷僱員及社區。本集團重視社會責任、關心僱員福利、積極參與慈善活動及推行環保措施。

關懷僱員

員工與薪酬

本集團吸納和栽培人才，確保公司使命有效推行：包括促進銀行業的穩定、協助市民自置居所、推動本地債券市場及促進退休規劃市場發展。本集團為僱員提供具競爭力的薪酬福利、廣闊的事業前景與發展機會，和健康及安全的工作環境。本集團亦實行家庭友善僱傭措施，如每星期五天工作，讓僱員在工作及生活上取得平衡。本集團亦為僱員及家屬提供全面的醫療及牙科保險。

儘管本集團的業務範疇及提供的產品漸趨繁複，但透過自動化系統和程序重組，本集團能維持一隊精簡和有效率的團隊。二零一八年，本集團的常設僱員編制為309人，員工流失率8.92%。

培訓與發展

本集團深明持續培訓的重要性，因此投放大量資源，不斷提升員工的專業知識和技能。二零一八年，本集團安排課程和工作坊，以增進員工的產品知識，並提升管理、專業技能及軟性技巧。

內部培訓工作坊涵蓋廣泛課題，例如商務英語寫作、團隊合作、以創意解決難題、策略性思維及職業安全與健康。年內，本集團還舉辦了有關《個人資料(私隱)條例》、防止賄賂條例及網絡保安的研討會。



以創意解決難題培訓



商務英語寫作培訓



策略性思維培訓

本集團亦資助員工報讀由其他機構舉辦、並與工作相關的課程。課程範圍甚廣，涵蓋按揭相關事務、風險管理、企業管治、財務及會計、資訊科技與領導技巧等。

此外，本集團亦為新員工安排入職培訓，讓員工了解集團的組織架構、功能與政策等基本資料。



便服日



團隊合作烹飪工作坊



釣魷魚日



團隊合作課程－踩單車發電

僱員關係與員工活動

本集團的職員聯誼會定期舉辦活動，增進員工關係和溝通、推廣工作與生活平衡及促進家庭友善的工作環境。二零一八年，本集團舉辦的員工活動如健康講座、郊遊以及其他員工聚會等，都深受員工和家屬歡迎。本集團亦設有員工內部刊物《HKMConnection》，輯錄員工活動的精彩照片。

為促進公司內部有效溝通，本集團定期更新員工內聯網，讓各部門分享實用資訊。本集團亦設有員工意見計劃，鼓勵員工提出建議，改善工作流程和工作環境。



黃泥墩、大欖涌水塘遠足



社際足球賽



社際乒乓球賽

健康與安全

作為關懷員工的僱主，本集團一向關心員工的身心健康。本集團設有僱員支援計劃，透過一家外間機構為有需要的員工及其家屬提供保密的輔導服務。二零一八年，本集團亦以優惠價為員工安排預防流感疫苗注射及體檢計劃。

本集團不時檢討及提升緊急應變計劃，減少因未能預計或突發事件而令業務中斷的情況，例如員工之間爆發傳染病。本集團亦定期舉行演習，協助員工熟習在緊急情況下，啟動有關後備設施、執行應變計劃及落實溝通方面的安排。



中醫理論健康講座

關懷社會

慈善及社會活動

本集團不時推動各種慈善及社區活動，例如籌款、捐獻活動及義務工作等。本集團鼓勵員工支持慈善活動和參與本集團義工隊「關愛大使」所籌辦的義務工作。

二零一八年，本集團籌辦多項捐獻活動，例如二零一八年公益金便服日及每年一度的香港紅十字會捐血日。

本集團員工積極參與義務工作，獻出時間和精力，對有需要的社群表達關愛。關愛大使與多個社會服務機構合作，參與了下列多項義務工作：

- 保護環境：與救世軍合辦回收計劃，收集書籍、文具、玩具。
- 關懷長者：與寰宇希望及香港遊樂場協會合作，帶同載有日用品的「福袋」探訪獨居長者，共同迎接農曆新年，並陪同低收入家庭的長者到大館遊覽。

學生實習與見習經理計劃

為未來培育人才，本集團提供實習職位，讓大學生體驗商業世界的實際運作、為未來就業作好準備。參與計劃的學生，都感謝所獲得的學習體驗和工作機會。

年內，本集團繼續推行見習經理計劃，物色和栽培有潛質的年輕行政人員，配合本集團的長遠人才發展。在計劃的三年期內，見習經理在不同部門接受在職培訓、參與公司項目，並參加有系統的學習及發展課程。

環境保護

本集團一直支持及推行各種綠化措施，務求營造更環保的工作環境，並且加強員工減少廢物和珍惜能源的意識。本集團鼓勵員工多用電子通訊，減少使用紙張，並且鼓勵收集廢紙及使用後的打印機碳粉盒循環再造。自二零零六年以來，本集團採用不同措施，包括設定辦公室溫度及使用LED照明，提高能源效益。本集團歡迎員工就如何營造綠色辦公室提供建議，並鼓勵供應商使用和供應更為環保的產品。

業務回顧

業務回顧

業績摘要

本年度，本集團的主要業績包括：

- 透過按揭保險計劃，幫助置業人士，借取合共325億港元按揭貸款
 - 自安老按揭計劃推出以來，共批核3,064宗申請；物業平均價值約530萬港元
 - 香港年金計劃自二零一八年七月推出至二零一八年年底，共批出5,422份保單，保費總額約28億港元，平均保費金額約513,000港元
 - 為進一步減輕本地中小型企業(「**中小企**」)的融資負擔及協助中小企取得貸款，中小企融資擔保計劃下八成信貸擔保產品的申請期延長至二零一九年六月底，優化措施於二零一八年十一月十九日起生效
 - 自八成信貸擔保產品於二零一二年五月推出以來，本集團共批出超過14,500宗貸款申請，涉及貸款額585億港元。逾8,500間中小企及超過224,700名相關員工受惠於此計劃
 - 小型貸款計劃由開展以來，向創業人士、來自不同背景和行業的自僱人士，以及希望透過接受教育或培訓自我增值的人士，批核共5,300萬港元的貸款
 - 自補價易貸款保險計劃開展以來，共批核12宗申請，物業平均價值約400萬港元
 - 成立基建融資及證券化產品部以推行基建融資及證券化業務
 - 購入約2.877億港元貸款資產
 - 按照成本效益原則，發行總值124億港元年期為一年或以上的債券，促進本地債券市場發展，並保持本集團作為香港最活躍企業發債體之一的地位
 - 本集團的長期外幣和本地貨幣信貸評級，維持在標普全球評級(「**標普**」)AA+及穆迪投資者服務公司(「**穆迪**」)Aa2的卓越級別
 - 維持優良的信貸素質。於二零一八年十二月三十一日計，逾期90日以上的拖欠率，按揭保險組合為0.002%；香港住宅按揭組合為0.02% (與業內平均數0.02%相同)；小型貸款計劃組合為1.28%；所有資產類別合計為0.02%。
- 二零一八年，本集團維持穩健的財務狀況：
- 股東應佔溢利為1.27億港元
 - 淨息差為1.1%
 - 股東資金回報率為0.9%
 - 成本對收入比率為86%
 - 資本充足率為26.8%，遠高於財政司司長指定的8%最低要求。

市況概覽

整體經濟狀況

全球經濟於二零一八年初繼續增長，但下半年經濟動力減弱：中美貿易戰加劇引起貿易衝突，令全球經濟氣氛受壓，造成主要股市調整，歐洲、亞洲經濟增長放緩。因此，在美國乃至其他多個主要經濟體貨幣政策步向正常化的同時，全球市場波動加劇。此外，亞洲於下半年亦面臨沉重資金外流及貨幣貶值壓力。於二零一八年，中國繼續推行結構改革，以促進經濟升級轉型，經濟增長大致維持穩定。在此形勢下，年內香港經濟增長溫和，實際本地生產總值按年增加3%。

物業市場

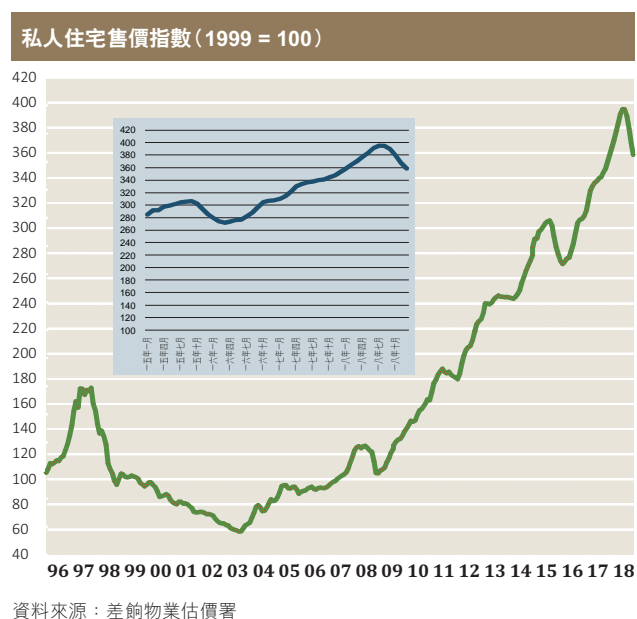
香港住宅市場氣氛於二零一八年上半年維持暢旺。成交量及成交額於六月升至年內高位，首六個月的累積升幅分別為27.4%及36.6%。然而，政府於六月底宣佈房屋政策新措施，加上利率於九月上調，樓市於第三季開始調整。至第四季，股市表現轉遜，加上中美貿易戰前景不明朗，觸發住宅物業成交量大跌，自六月至十二月跌幅達69.3%。整體而言，二零一八年住宅物業總成交量按年跌7.1%至57,247宗，成交額則按年升0.5%（圖1）。

圖1



一手及二手市場的成交量自年初至七月一直上升，其後至年底呈現跌勢。整體而言，住宅物業價格¹於二零一八年錄得約1.6%的累積增幅，而二零一七年的增幅為14.8%。截至二零一八年底，住宅物業價格已超過一九九七年的高位約107%（圖2）。

圖2

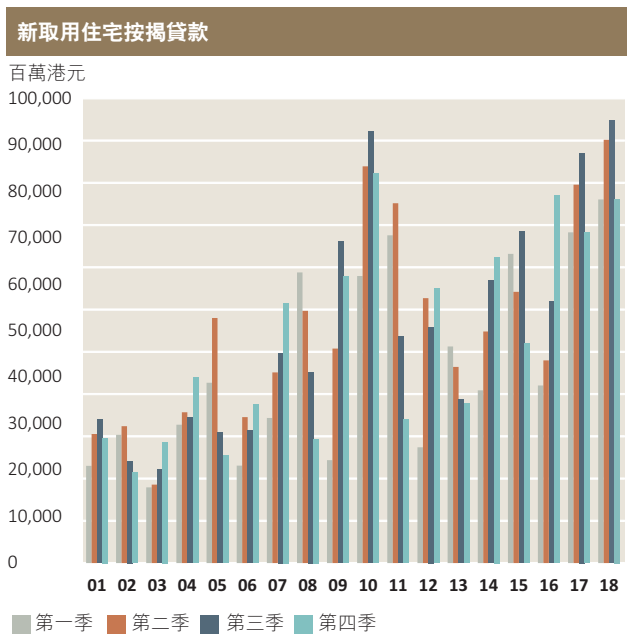


¹ 資料來源：由差餉物業估價署出版的私人住宅售價指數

按揭市場

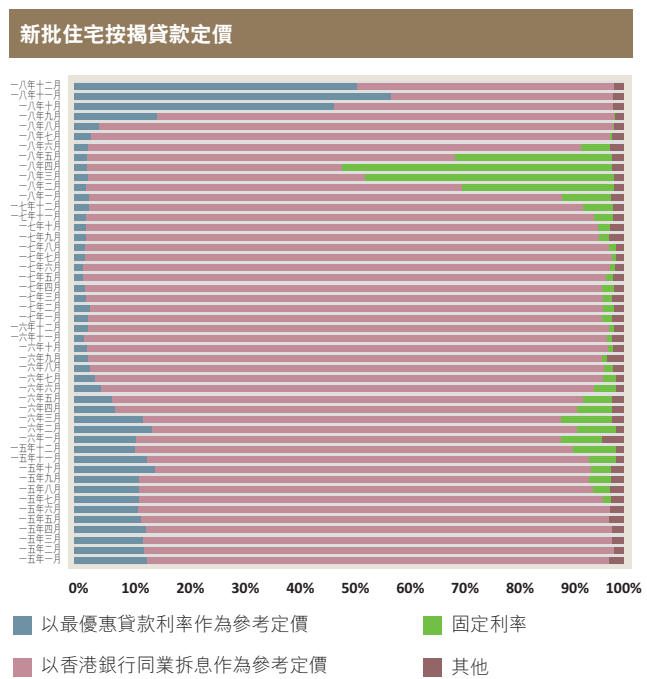
整體而言，香港的按揭利率於二零一八年處於低位。最優惠利率由介乎5%及5.25%於9月升至5.125%至5.5%之間，是12年以來首次，而香港銀行同業拆息則全年續處高位。根據香港金融管理局金融數據月報，以期內平均數計算的一個月香港銀行同業拆息²於年內徘徊於0.78%與2.21%之間。按揭貸款錄得穩定增長，當中所有住宅按揭貸款的未償還金額溫和地上升8.9%至13,721.3億港元。二零一八年的新取用按揭貸款總額³按年微增9.9%，對比二零一七年的增幅為43.6%（圖3）。

圖3



由於二零一八年初定息貸款計劃所佔比例上升，令以香港銀行同業拆息為參考定價的新敍造按揭貸款比例下降，由一月的86.2%降至四月的46.3%。自第二季起，由於銀行不再提供定息貸款計劃，因此以香港銀行同業拆息作為參考定價的新敍造按揭貸款比例於四月開始上升，至八月達93.5%，但升勢於第四季開始調整。截至二零一八年底，以最優惠利率和香港銀行同業拆息為參考定價的按揭佔新敍造按揭貸款的大部份市場，比率分別為46.6%及51.6%（圖4）。

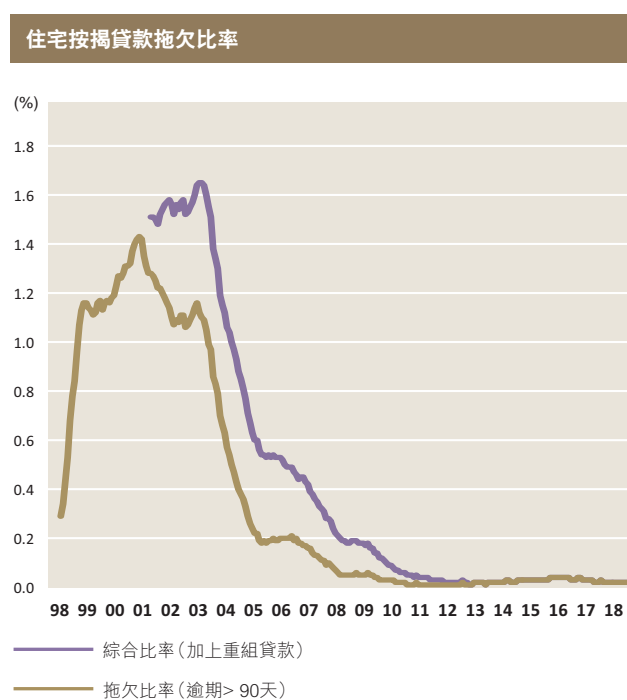
圖4



² 資料來源：香港金融管理局《金融數據月報》
³ 資料來源：香港金融管理局每月住宅按揭調查

在穩定的勞工市場及香港金融管理局對按揭借貸的審慎監管下，住宅按揭貸款的資產素質於二零一八年維持優良。按揭貸款超過90日的拖欠比率，於年內保持在0.02%的水平，反映銀行採取審慎的借貸準則。拖欠和經重組的貸款比率總和，亦於同期維持在0.02%的低位（圖5）。截至二零一八年十二月底，負資產個案估計為262宗，錄得總額為11.89億港元⁴。

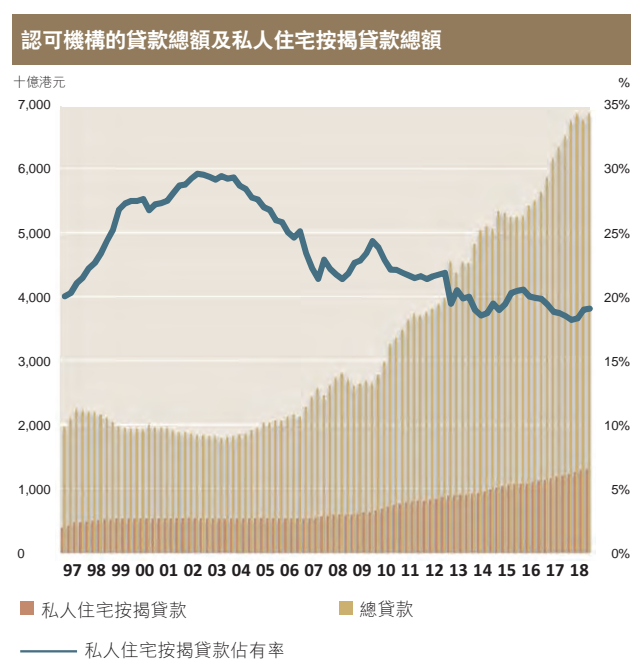
圖5



銀行業貸款

私人住宅物業按揭貸款的未償還總金額，於二零一八年底增加至13,138億港元（二零一七年底：12,082億港元），佔全港總貸款額五分之一（圖6），加上建造業、物業發展及投資的借貸，與房地產相關貸款的總額為38,557.7億港元，佔銀行貸款總額約41.6%。截至二零一八年底，居者有其屋計劃、私人機構參建居屋計劃及租者置其屋計劃的未償還按揭貸款總額增至583.8億港元（二零一七年底：513億港元）。

圖6



資料來源：香港金融管理局

⁴ 資料來源：香港金融管理局每月住宅按揭調查

資產收購

儘管市場資金充裕令銀行出售其資產的意欲減弱，本集團已做好準備，於有需要時為市場提供流動資金。二零一八年，本集團收購價值約2.877億港元的資產，當中包括住宅按揭貸款及其他資產。

融資安排

於二零一八年，雖然各國經濟動力未能同步向上，但全球增長維持不俗。然而，貿易摩擦加劇，而且美國聯儲局持續實施貨幣政策正常化，令國際資金流向逆轉，增加全球金融市場波動。儘管市場充滿挑戰，本集團堅持審慎的預早融資策略，為購買銀行貸款資產及再融資安排資金。基於本集團擁有強大政府支持和卓越的信貸評級，本集團於二零一八年發行了合共124億港元債券，年期一年或以上。截至年底，本集團未贖回債券總額為373億港元。

本集團致力定期發行債券和引入嶄新債券產品，發展本地債券市場。作為香港最活躍的企業發債體之一，本集團將繼續在本地機構及零售資本市場發行債券，並在海外機構市場開拓資金來源及擴大投資者基礎。這不僅有助擴大本集團的資金基礎，更可以為機構投資者及零售投資者提供高素質的債券工具，滿足投資者對投資組合多元化及提高收益的要求。

本集團設有三個債務工具發行計劃，在發行債券方面既有效率，亦有實效。由於本集團的信貸評級卓越，所發行的債券受各界投資者歡迎，包括退休基金、保險公司、投資基金、慈善及政府相關基金與

零售投資者等。本集團一直積極與投資者溝通，定期將最新訊息發放給投資者。

中期債券發行計劃

為了在國際市場吸引更多投資者和開拓資金來源，本集團於二零零七年六月設立多種貨幣中期債券發行計劃。初時的發行規模為30億美元，於二零一一年七月增加至60億美元以滿足海外投資者更大的需求。在該計劃下，本集團可發行多種主要貨幣的債券，包括港元、美元、人民幣、澳元、英鎊、歐元及日圓，以滿足本地及海外投資者的需求。所有透過中期債券發行計劃發行的外幣債券，均全數對沖為美元或港元。該項計劃亦兼有靈活的產品特色及發行機制，可進行公開發行或私人配售，更能迎合投資者在不同投資年期等方面的要求。本集團委任國際及區內主要金融機構組成強大的交易商團隊，支持未來中期債券發行，亦為二手市場提供流通性。

二零一八年，本集團透過中期債券發行計劃，共發行了29批私募債券，金額合共124億港元等值，年期一年或以上。

債務工具發行計劃

債務工具發行計劃於一九九八年七月設立，發行對象是港元債務市場的機構投資者。計劃設立時的發行額為200億港元，於二零零三年增加至400億港元。此計劃至今提供了一個既靈活亦有效率的平台，供本集團發行債券和可轉讓貸款證，最長年期達15年。該計劃委任主要交易商和銷售團成員，為公開發售與私人配售方式發行的債券提供廣泛的分銷渠道。

零售債券發行計劃

本集團致力推廣本地零售債券市場。本集團作為先驅，於二零零一年十一月為本地零售債券市場開拓一個新的發行機制，及於二零零四年五月成立200億港元的零售債券發行計劃。在此計劃下，配售銀行通過零售分行網絡、電話及電子銀行設施，向零售投資者配售本集團發行的債券。為確保上述的零售債券的流動性，配售銀行向本集團承諾在二手市場開出作實買入價。自二零零一年起，本集團已發行零售債券合共137億港元。本集團致力在市況合適時定期發行零售債券，為香港的零售投資者提供額外的投資工具。

外匯基金提供的備用循環信貸安排

面對亞洲金融危機衝擊，外匯基金於一九九八年一月，向本集團提供100億港元循環信貸安排，使本集團可以在異常經濟環境下保持平穩營運，因而可更有效地履行穩定香港銀行及金融系統的使命。雖然本集團可以從本地及國際債券市場獲得長期融資作營運用途，該備用循環信貸亦可作為備用流動資金。由於二零零八年爆發全球金融危機，該信貸額度於當年十二月增加至300億港元，顯示特區政府肯定本集團的重要性，並對本集團給予進一步支持。

本集團曾於一九九八年和二零零八年資本市場受壓及異常波動時，動用備用循環信貸，作為向本地銀行購入香港住宅按揭資產的部份資金。本集團兩度於市場回復穩定後，以具成本效益的發債所得資金，全數償還循環信貸安排的貸款。二零一八年，本集團並沒有向循環信貸安排借入任何貸款。

信貸評級

標普及穆迪給予本集團與特區政府看齊的卓越評級，增強了本集團所發行債券對投資者的吸引力。

香港按揭證券有限公司信貸評級

	標普		穆迪	
	短期	長期	短期	長期
本地貨幣	A-1+	AA+(穩定)	P-1	Aa2(穩定)
外幣	A-1+	AA+(穩定)	P-1	Aa2(穩定)

信貸評級機構對本集團的信用水平給予高度評價。以下評論摘錄自標普及穆迪分別於二零一八年八月和二零一八年十一月的信貸評級報告：

標普

「我們將香港按揭證券有限公司的評級，與作為其全資最終擁有人的香港的評級看齊，反映我們認為當該公司有需要時，幾乎可以肯定香港政府會及時向公司提供足夠的強力支持。...我們認為，該公司在過去數年開展的其他政策業務，強化了公司與香港政府的連繫，鞏固了兩者的整體關係。」

「香港按揭證券有限公司擁有穩固的市場地位及獨特作用，通過購買按揭和貸款組合，滿足本地銀行對流動資金和資產負債表管理的需求，尤其是在市場受壓時。...香港按揭證券有限公司的商業模式經歷過各種困難市場環境的試煉。例如當全球金融市場與本地經濟於二零零八年底和二零零九年初受壓之際，香港按揭證券有限公司因應銀行要求，擴大收購按揭貸款，並優化其按揭保險計劃。然而，近年該公司收緊按揭保險計劃的資格標準，以應對樓價上升。」

「我們相信，香港按揭證券有限公司董事局各成員經驗豐富，能力優秀，加上對公司監督卓有成效，有利公司業務。我們認為管理層能力、效率及經驗兼具。香港按揭證券有限公司的定位清晰，與其能力及市況相符。該公司一直按其財務及風險管理準則經營，我們認為該等準則嚴謹明確。」

「我們認為，香港按揭證券有限公司審慎管理融資安排及流動資金，雖然並無存款業務，但藉三個優先債券計劃，能深入利用債券資本市場。..我們期望香港按揭證券有限公司維持超過足以應付其短期資金需要的高流動性資產，以作充分緩衝。...此外，300億港元循環信貸安排讓香港按揭證券有限公司應付來年到期的總負債額卓有餘裕，為任何突如其來的流動資金壓力，提供了重要的緩衝。」

穆迪

「香港按揭證券有限公司是由香港政府透過外匯基金全資擁有。該公司執行政策任務，包括促進香港金融和銀行業的穩定、自置居所、本地債券資本市場發展及退休規劃選擇發展，方法為向商業銀行購買按揭及提供按揭保險及安老按揭。該公司肩負提高銀行體系穩定性的責任，擔當銀行體系的另一最後貸款人，當銀行遇到壓力時，該公司會購買住宅按揭作為支援。新的年金及基建融資業務規模尚小，但將逐步壯大。」

「政府向香港按揭證券有限公司提供300億港元循環信貸安排及可按需求發行的額外股本權益。倘若該公司受壓時信用狀況轉弱，穆迪預期政府將及時提供特別協助。該公司的公共政策任務與政府目標緊密配合，而與政府關係密切亦提高日後獲得政府支持的可能。政府已向公司注資50億元，用以建立年金業務，並準備好隨業務持續增長而提供更多資金。」

「香港按揭證券有限公司自成立至今，一直保持優良的資產素質。...香港住宅按揭貸款在過往的經濟週期一直表現良好。即使物業價值在一九九七年至二零零三年間下跌了70%，該公司的整體按揭貸款的拖欠率從未超過2%。目前，該公司的香港按揭平均按揭成數低於40%。」

「作為沒有存款業務並依靠批發融資的公司，香港按揭證券有限公司需要不斷從債務資金市場籌集資金以支持運作。然而，該公司奉行預早融資策略以購買預期的資產，而且在正常的經濟環境下也一直保持非常強健的流動資金。由於擁有強健的財務狀況與政府的關係，該公司較容易在資本市場籌集資金。...該公司擁有充裕的流動資產，包括來自政府的備用信貸安排，足以償還二零一八年六月底的所有債務。」

按揭證券化

本集團致力推動按揭證券市場在香港的發展。按揭證券是一種有效的金融工具，透過運用債券市場的長期資金，滿足按揭貸款對長期融資的資金需求。銀行與金融機構可利用按揭證券，管理按揭貸款面對的信貸、流動資金、利率及資產負債滿期錯配而引起的各類風險。一個交易活躍及流通量高的按揭證券市場，有助促進發展具效率的二手按揭市場，並進一步鞏固香港的國際金融中心地位。

本集團自一九九九年，已發行總值132億港元的按揭證券。在二零零一年設立的30億美元Bauhinia按揭證券化計劃，提供一個既方便又靈活兼具成本效益的平台，使本集團能夠以不同的產品結構、加強信貸措施及分銷方法，發行按揭證券。

基建融資及證券化

面對環球基建融資市場龐大並正逐漸擴闊的資金缺口，本集團於二零一七年初就基建融資及證券化業務機遇展開研究。

二零一八年，本集團獲董事局通過基建融資及證券化業務計劃，成立基建融資及證券化產品部，由富相關經驗的行內人士營運，並調撥內部資源予該業務。

自二零一九年起，本集團將善用其卓越的信貸評級、發行中長期債券融資的優勢，以商業上可行、財務上可持續的方式，循序漸進地參與基建融資市場，同時恪守審慎商業原則及風險管理政策。

初期，本集團將向多邊開發銀行及商業銀行購入基建貸款，並共同融資基建項目，待累積基建貸款資產組合及所需經驗後，開拓證券化機會。

本集團可藉基建融資及證券化業務，進一步履行促進本地債券市場發展、銀行業界穩定的公司使命，同時填補基建融資市場缺口，促進基建投融資活動。

小型貸款計劃

本集團繼續擔當小型貸款計劃營運者的角色，聯繫參與的銀行和非政府機構，為有意創業人士、自僱

人士或有意透過接受培訓或考取專業資格以達到自我提升的人士，提供可負擔息率的融資和其他支援服務。

自二零一二年六月開展以來，小型貸款計劃運作暢順。截至二零一八年底，小型貸款計劃批出合共212宗貸款，涉及總貸款額為5,300萬港元。

小型貸款計劃的借款人，來自不同背景和行業，例如年輕美容師、化妝師、室內設計師、資訊科技畢業生、中醫師、教師、廚師等。為向年輕人及創業家社群推廣小型貸款計劃，本集團參與了由本地大學舉辦的講座和非政府機構舉辦的創業培訓課程，向學生介紹小型貸款計劃。

按揭保險計劃

按揭保險計劃幫助有需要籌措大筆資金以支付首期的有意置業人士。從銀行業角度來看，計劃可以讓銀行借出更高成數的按揭貸款而毋須承擔額外的信貸風險，亦無損銀行體系的穩定性。該計劃為置業人士和銀行帶來雙贏局面。

多年來，按揭保險計劃已成為香港按揭融資不可或缺的一部份。二零一八年，對按揭保險計劃的需求維持穩健，而在按揭保險計劃下的貸款總額，由二零一七年的323億港元增加至二零一八年的325億港元(圖7)。而計劃下新取用的按揭貸款，約88%以二手市場物業作抵押(就貸款金額而言)，顯示該計劃對於在二手市場置業的人士相當重要。

圖 7



資料來源：香港按揭證券有限公司

年內，本集團與參與銀行透過不同的宣傳渠道，推廣按揭保險計劃。自一九九九年，按揭保險計劃協助超過 141,600 個家庭實現置業夢想，取用貸款總額達 3,670 億港元。

本集團自一九九七年成立以來，一直以協助市民置業安居為使命。為加強置業人士支付首期的負擔能力，自二零一八年九月底起，按揭保險計劃擴展至涵蓋香港房屋協會（「房協」）住宅發售計劃下的項目及第二市場計劃下的資助出售房屋項目。

為回應政府於二零一八年六月有關市區重建局（「市建局」）「港人首次置業」非合作發展重建先導項目的公佈，本集團宣佈將向市建局土瓜灣馬頭圍道「港

人首次置業」先導項目單位買家提供按揭保險，使有關買家可申請敘造最高九成按揭貸款。

安老按揭計劃

安老按揭計劃旨在給予退休人士多一個財務規劃選擇，提升生活素質。在安老按揭計劃下，借款人可以利用在香港的住宅物業作為抵押品，向參與銀行提取安老按揭貸款。借款人仍然是物業的業主，並可於固定年金年期內或終身每月收取年金，亦可提取一筆過貸款，以應付特別情況。

本集團其中一項使命，是促進退休規劃市場發展。隨著本集團多年來集中的宣傳教育，大眾對安老按揭計劃的認識加深，申請宗數亦按年穩步上升，相比二零一七年增長 7.5%。本集團在推廣理財教育的努力獲得嘉許，榮獲首屆舉辦的「香港金融理財知識和能力策略」頒發理財教育獎；該獎旨在表揚為香港整體理財教育的發展及改進作出貢獻的機構。展望將來，本集團將繼續達成使命，致力推廣退休規劃市場的發展，以迎合退休人士及公眾的需要。

本集團明白，廣泛的網絡是吸納更多準客戶的關鍵，因此一直與業務伙伴緊密合作，利用銀行地區分行擴展推廣網絡。為接觸各區目標客戶，本集團與銀行一同舉辦多場巡迴展覽，設有展覽區展示安老按揭計劃的特點，並提供攤位遊戲，讓大眾進一步了解安老按揭計劃。巡迴展覽場內，本集團職員和銀行代表積極向市民講解計劃並解答查詢。巡迴展覽為期九個月，涵蓋港島、九龍、新界各區，於吸納和教育目標客戶方面取得成效，使客戶明白安老按揭計劃可作為退休理財規劃的另一選項。

為延續巡迴展覽的效益，本集團年內與多間銀行合作舉辦逾20場公開講座，並於八月參與財富管理博覽。各項活動反應積極，各場講座出席人數平均介乎50至100人，當中許多參與者都對計劃深感興趣，而且想進一步作深入了解，例如計劃如何有助提升退休生活素質。除銀行外，本集團亦與非政府機構、專業團體、大學、政府部門等其他機構合作，開辦連串簡介講座推廣本計劃。於二零一八年，本集團獲各界邀請一共參與了逾30場公開講座講解安老按揭計劃如何提升退休生活素質。

除到各區推廣外，本集團亦透過多個渠道提升大眾關注，如在主要電視及電台頻道、YouTube等網上媒體、銀行地區分行播放安老按揭計劃廣告。另一方面，本集團定期與傳媒會面、舉辦簡介會，致力促進與傳媒的緊密聯繫。鑑於人口老化及公眾對退休規劃的認識加深，本集團將繼續推廣教育，聯合各方持份者的努力，為退休人士以至各年齡層的公眾促進退休規劃市場發展。

補價易貸款保險計劃

受財政司司長於二零一五至一六年度財政預算案所委託，本集團於二零一五年九月推出補價易貸款保險計劃。計劃旨在提供平台，協助50歲或以上的資助房屋業主融資，向香港房屋委員會（「房委會」）、房協或政府補地價。

在補價易下，借款人可利用其資助房屋作為抵押品，向銀行申請貸款，主要用於向房委會、房協或政府補地價。本集團作為保險公司，向參與銀行保證在貸款終止時，因出售物業後不足以清還貸款所

導致的任何損失將獲補償。自推出至二零一八年底，本集團已經批核12宗補價易貸款申請，平均物業估值約400萬港元，一筆過貸款金額平均為88萬港元。

於本年首三季，樓價上升加上租金收益下跌，令資助出售房屋業主補地價的市場需求減弱。此外，安老按揭計劃經二零一六年十月優化，涵蓋未補地價的資助出售房屋，為資助出售房屋業主提供無須補地價、直接申請安老按揭的途徑。

為取得協同效益，本集團舉辦補價易和安老按揭計劃的聯合講座，派發宣傳資料，向準客戶講解計劃特點。另外，本集團在各大主要廣播頻道及銀行地區分行播放電視及電台廣告，接觸目標客戶。

延長中小企融資擔保計劃下八成信貸擔保產品（八成信貸擔保產品）

面對外圍經濟環境波動，二零一二至一三年度財政預算案公佈一系列支援本地中小企的措施，其中包括本集團根據市場為本的信貸擔保產品推出有時限的特別優惠措施，為合資格貸款提供八成信貸擔保，而且擔保費用大幅調低（八成信貸擔保產品）。由政府提供1,000億港元的信貸保證承擔額支持下，八成信貸擔保產品協助中小企取得融資作一般營運資金、添置設備或其他資產，以支援業務運作。本集團以審慎的商業原則營運八成信貸擔保產品，收取的擔保費會撥作支付參與貸款機構的壞帳索償及計劃下的相關開支。現時共有31間認可機構參與此計劃成為貸款機構。

基於不明朗的外圍經濟環境及外貿表現，八成信貸擔保產品的申請期獲延長合共七次至二零一九年六月底。此外，為減輕借貸企業的經濟負擔，自二零一六年六月一日起將八成信貸擔保產品的擔保費年率降低一成，同時取消擔保費最低0.5厘的要求。為進一步減輕本地中小企的融資負擔及協助中小企取得貸款，政府於二零一八年十一月十九日推出以下優化措施，有效期至二零一九年六月底－

1. 降低擔保費五成；
2. 增加最高貸款額，由1,200萬港元增加至1,500萬港元；以及
3. 延長貸款擔保期，由最多5年增加至7年。

繼於二零一六年開始的中小企融資擔保計劃宣傳活動，本集團與參與計劃的貸款機構、中小企業商會、工商業商會及業界持續緊密溝通，並分享中小企的成功個案，以增強公眾對八成信貸擔保產品的了解及認識。於本年度，本集團為貸款機構的員工舉辦定期培訓及工作坊，並分享業務和有關索償的統計數據，以提升本計劃的透明度及使用率。本集團於中小企研討會上介紹中小企融資擔保計劃，並贊助於二零一八年十二月由香港中小型企業總商會在創智營商博覽舉辦的國際中小企高峰論壇，以提高公眾對八成信貸擔保產品的認識。八成信貸擔保產品深受市場歡迎。截至二零一八年十二月三十一日，本集團共批出超過14,500宗申請，涉及貸款總額585億港元。逾8,500間本地中小企及超過224,700名相關員工受惠於此計劃。

香港年金計劃

改善長者的退休生活是政府的施政重點之一。政府在二零一七至一八年財政預算案中宣佈就終身年金計劃展開可行性研究，隨後香港年金有限公司（「香港年金公司」）於二零一七年六月二十九日成立，推行並營運終身年金計劃，以應對與日俱增的退休理財需要及使退休理財規劃更為完善。

其後，香港年金公司於二零一八年七月五日宣佈正式推出終身年金計劃－香港年金計劃，為65歲或以上長者提供一個退休理財選擇及將一筆過現金轉化成有生之年每月都可以收取的固定收入，有助長者安享晚年，同時促進本地年金市場發展。

香港年金計劃是一個保險產品。受保人繳付一筆過保費後，可即時享有保證定額收入，每月支付，直至終身，使長者可終身每月收取穩定入息，應對長壽風險。

首批推出的香港年金計劃於二零一八年七月十九日至八月八日接受公眾登記，期間申請人可於本港20間零售銀行或經香港年金公司網站登記認購香港年金計劃的意向。首批香港年金計劃共接獲9,410宗認購意向登記，總認購額約49.4億港元，平均認購額約52.5萬港元。銷售會面於二零一八年九月二十四日開始，持牌銀行可於指定銀行分行與申請人辦理投保申請，而香港年金公司亦已設立申請服務中心以進行銷售會面。

為達致公眾教育及推廣的目標，香港年金公司自二零一八年三月起進行宣傳活動，經電視、電台、報章及戶外廣告等多個宣傳渠道向目標客戶傳達訊息，以宣傳終身年金及長壽風險的概念。香港年金公司為接觸社群，舉辦了三次巡迴展覽、25場講座及座談會、接受多家傳媒訪問，向公眾傳達終身年金的觀念並解答查詢。活動取得不少成效，包括鼓勵社會就終身年金及其他退休理財產品展開廣泛討論，並提高公眾認知。

香港年金計劃首次認購結果顯示，退休人士對終身年金有一定需求。有鑑於此，香港年金公司重啟香港年金計劃的銷售，並於二零一八年十二月十二日推出三項優化措施及全年持續銷售模式。優化措施的推出可為客戶帶來更大的保障和靈活性，令客戶更安心投保，而採用持續銷售模式則可使客戶的投保過程更便利快捷和加深了解產品的特點。香港年金公司將持續提高公眾對長壽風險，及香港年金計劃作為退休理財方案的認識。

香港年金計劃自二零一八年七月成立以來，至二零一八年十二月三十一日共批出5,422份保單，總保費金額約28億港元，平均保費金額為513,000港元。受香港年金計劃的推出所帶動，今年本地年金市場快速增長，規模顯著擴大。

財務回顧

財務回顧

儘管二零一八年下半年經濟增長動力似乎有所減弱，全球經濟於二零一八年仍能保持增長。中美兩國的貿易衝突加上主要先進經濟體繼續推行貨幣政策正常化，影響全球經濟氛圍，令全球金融市場波動加劇。中國內地方面，雖然增長動力略為放緩，但經濟結構調整仍然持續。

香港經濟增長率由二零一八年上半年的4.1%下降至下半年的2.1%，但由於本地及外部需求穩健，全年增幅仍達3%，高於過去十年2.8%的趨勢增長率。二零一八年的通脹微升，惟仍屬溫和水平，主要因外部及本地物價壓力令通脹動力略為提升。此外，勞工市場繼續緊張，失業率跌至2.8%，是逾20年來最低。然而，投資及營商氣氛轉差，影響金融市場。鑑於外圍不利因素增多，經濟增長下行的風險亦隨之增加。

收益表

財務表現

二零一八年的股東應佔溢利為1.27億港元(二零一七年：8.06億港元)(表1)。盈利下跌主要由於香港年金公司基於精算假設下，年金業務因需要維持審慎的法定儲備而引起會計虧損、於二零一八年無法再錄得二零一七年的一次性出售投資所得、主要因重估美元存款和債券投資所得的匯兌收益減少以及為支持政策業務所需投放的資源。因此，股東資金回報率下降至0.9%(二零一七年：8.6%)，而成本對收入比率則上升至86.0%(二零一七年：26.8%)。儘管香港年金公司錄得虧損，年金業務於二零一八年年底的內含價值(即權益總額與預期將來利潤現值總和)約為52億港元，顯示業務長遠而言應能獲得盈利。資本充足率仍處於26.8%的穩健水平(二零一七年：21.0%)，遠高於財政司司長規定不低於8%的要求。而保險附屬公司則須遵守保險業監管局定下的資本要求，於二零一八年底，按證保險公司和香港年金公司的償付能力充足率分別約為42倍及34倍。

表 1

財務表現概要	二零一八年 ¹ 二零一七年	
	百萬港元	百萬港元
未計減值前的經營溢利	67	829
除稅前溢利	67	829
股東應佔溢利	127 ¹	806
股東資金回報率	0.9% ¹	8.6%
成本對收入比率	86.0% ¹	26.8%
資本充足率	26.8% ¹	21.0%

¹ 為方便比較，在扣除香港年金公司業績後，二零一八年經調整的股東應佔溢利、股東資金回報率和成本對收入比率分別為5.15億港元、5.1%及36.7%。

淨利息收入

由於香港按揭證券公司集團的平均計息資產(主要來自現金及債務投資)增加，縱然部份被貸款組合的最優惠利率與香港銀行同業拆息率息差收窄所抵銷，本集團仍錄得淨利息收入5.36億港元，較二零一七年增加2,800萬港元。淨息差維持1.1%(表2)。

表 2

淨利息收入	二零一八年 二零一七年	
	百萬港元	百萬港元
淨利息收入	536	508
平均計息資產	50,972	48,027
淨息差	1.1%	1.1%

按揭保險已滿期保費淨額

透過按揭保險計劃新承保的貸款，由二零一七年的323億港元微升至二零一八年的325億港元。已收保費淨額按未滿期風險攤銷及確認為收入。計及給予銀行整筆鼓勵性佣金支出、申索及撥備370萬港元(二零一七年：100萬港元)，已滿期保費淨收入為2.22億港元(二零一七年：1.96億港元)。

年金業務之淨保險相關業績

年金業務保險之淨相關業績(即已滿期保費淨額、申索產生淨額、已付利益、保單持有人負債變動以及佣金和徵費支出總和)錄得5.50億港元虧損(二零一七年：無)，主要由於按精算假設下需要維持審慎的法定儲備，而香港年金公司的資本及已收保費存放於外匯基金的投資回報則歸於其他收入項下。

其他收入

其他收入為2.50億港元(二零一七年：4.14億港元)，主要包括來自存放於外匯基金的投資收益1.85億港元(二零一七年：無)及來自投資的股息收入5,900萬港元(二零一七年：8,300萬港元)。

經營支出

本集團一直致力維持嚴格的成本監控以控制開支及提高營運效率。經營支出按年上升35.5%至4.12億港元，主要由於推出年金業務，惟支出金額較預算為少。僱員成本為2.58億港元(二零一七年：1.96億港元)，有效控制於佔總經營支出的62.5%。辦公室租金及相關支出為5,900萬港元(二零一七年：3,900萬港元)。

貸款減值撥備

資產素質維持穩健，本集團的按揭貸款組合拖欠比率處於0.02%的低水平(二零一七年：0.06%)。考慮到貸款組合減少及貸款組合現時的低平均按揭成數，按照已批准的審慎撥備政策，在二零一八年錄得2萬港元的貸款減值撥備。本年度錄得貸款撇銷為100萬港元(二零一七年：200萬港元)；而同期收回已撇銷貸款為100萬港元(二零一七年：100萬港元)。

按類分析

以下表3載列於二零一八年按不同業務分類的稅前溢利。

表 3

截至二零一八年 十二月三十一日止年度	購買資產及 供款管理服務			總額
	一般保險	人壽保險		
	百萬港元	百萬港元	百萬港元	
稅前溢利/(虧損)	360	173	(466)	67

於二零一八年，本集團繼完成集團重組及推出年金業務後，檢討並重定業務分類，藉以提供清晰及準確業務資訊。購買資產及供款管理服務分類呈示購買貸款及供款管理服務業務，以及其他相關業務的業績例如債券發行。一般保險分類呈示按揭保險計劃、安老按揭計劃、補償易貸款保險計劃及中小企融資擔保計劃下的保險及擔保業務業績。人壽保險分類呈示年金業務(即香港年金計劃)業績。

二零一八年購買資產及供款管理服務稅前溢利為3.60億港元，主要來自貸款及投資組合的淨利息收入。二零一八年一般保險稅前溢利為1.73億港元，主要為按揭保險計劃和安老按揭計劃已滿期保費淨額。二零一八年人壽保險稅前虧損為4.66億港元，主要由於香港年金公司基於精算假設對其年金業務因需要維持審慎的法定儲備，部份由資本及已收保費存放於外匯基金的投資回報抵銷。儘管香港年金公司錄得虧損，但截至二零一八年年底，年金業務內含價值¹約為52億港元，顯示業務長遠而言應能獲得盈利。

財務狀況

貸款組合

本集團於本年度購入約3億港元香港貸款資產(二零一七年：3億港元)。計及本年度提早還款和正常還款後，貸款組合未償還結餘下降14億港元至64億港元。

¹ 內含價值為權益總額與未來溢利現值總和。權益總額包括香港年金公司於二零一八年四月所得注資50億港元。

證券投資

本集團按照董事局批准的投資指引，採取審慎、低風險的方針管理剩餘資金與投資活動。於二零一八年十二月三十一日，投資組合總結餘為172億港元(二零一七年：174億港元)，包括166億港元債務投資及6億港元交易所買賣債券基金及房地產信託投資基金。債務投資並無任何違約損失。

外匯基金存款

於二零一八年十二月三十一日，香港年金公司資本及已收保費存放於外匯基金為77億港元(二零一七年：無)。

債券發行

於二零一八年，本集團透過中期債券發行計劃，發行合共341億港元債券。該計劃發行的所有非港元債務均以港元或美元對沖外匯風險。本集團繼續採納審慎的預先籌措資金策略，於二零一八年十二月三十一日，未贖回債券總結餘維持於373億港元(二零一七年：348億港元)。

主要資產負債表外風險**按揭保險計劃**

本集團以核准再保險公司分擔風險方式經營按揭保險業務。於二零一八年底，風險總額約為237億港元(二零一七年：211億港元)，其中40億港元(二零一七年：35億港元)已向核准再保險公司購買再保險。由本集團承擔的資產負債表外風險增加至197億港元(二零一七年：176億港元)。

於二零一八年底，未決申索撥備佔所承擔風險維持穩定於0.1%。拖欠比率維持穩健的0.002%水平(二零一七年：0.003%)。

安老按揭計劃

本集團以保險公司的身份經營安老按揭計劃，就香港參與銀行貸出的安老按揭貸款收取保費，提供按揭保險保障。計及安老按揭貸款未提取的未來年金，本集團於二零一八年十二月三十一日承擔的風險，增加至96億港元(二零一七年：69億港元)，相關未償還貸款總結餘為16億港元。

資本管理

為確保本集團按資本金的比例擴展其業務及資產負債表時不會產生過度風險，本集團嚴密監控資本充足程度及資金運用。年內，本集團遵守財政司司長參照巴塞爾協定II以風險為本的資本充足框架下所發出的資本充足率指引(「指引」)。

根據指引，計算資本充足率乃跟隨財務報告的綜合基準，但撇除須遵守其他維持充足資本要求的受規管附屬公司(即受保險業監管局規管的按證保險公司和香港年金公司)。撇除未予綜合的受規管附屬公司的投資成本後，於二零一八年十二月三十一日資本充足率仍處於26.8%的穩健水平，遠高於資本充足率指引規定的8%最低比率。

於二零一八年十二月三十一日，按證保險公司和香港年金公司的償付能力充足率分別約為42倍及34倍，遠高於保險業監管局分別規定不低於200%和150%的法定最低要求。

股息

考慮到業務發展的資金需求，二零一八年不會宣派股息(二零一七年：無)。

風險管理

風險管理

本集團以審慎的商業原則營運。一切以「審慎為先、利潤為後」的原則，作為整體風險管理架構與經營日常業務的方針。多年來，本集團不斷優化已相當完善、穩健及行之有效的風險管理制度，務求配合市場與業務策略的變化。

董事局擁有本集團最高決策權及對風險管理負上最終責任。董事局在企業風險管理委員會的協助下，首要責任是制定風險胃納聲明內的風險管理策略，並確保本集團以有效的風險管理制度執行該等策略。風險胃納聲明訂定所有風險活動的限制，並將這些限制納入本集團遵循的風險上限、風險政策和監控程序中，以確保風險得到妥善管理。

企業風險管理委員會負責監察本集團各類型風險，檢討和批核高層次的風險相關政策，監察執行情況，並且督導有關管治、政策及措施的優化工作。委員會審視定期壓力測試，以評估本集團應對極端嚴峻情況的財務能力。

委員會由一位執行董事擔任主席，成員包括總裁、高級副總裁、首席法律顧問及風險管理部的高級職員。

本集團主要管理因貸款資產、擔保組合、基建貸款、年金業務及投資組合而產生的信貸風險、市場風險、長壽風險、物業風險、營運風險、法律和合規風險及槓杆風險。

除企業風險管理委員會外，香港按揭證券有限公司亦藉不同的管理委員會管理風險，如基建融資及證券化投資委員會、信貸委員會、交易核准委員會、資產負債管理委員會、營運風險管理委員會及長壽風險委員會。除基建融資及證券化投資委員會由一位執行董事擔任主席外，上述管理委員會均由總裁擔任主席，成員包括相關高級副總裁、首席法律顧問及有關運作部門的高級職員。

保險附屬公司亦自設風險管理委員會，以監察保險風險及其他有關風險。風險管理委員會由保險附屬公司一位執行董事擔任主席，成員包括總裁、相關高級副總裁及保險附屬公司有關運作部門的高級職員。香港年金有限公司的風險管理委員會成員包括獨立及非執行董事，為其營運提供獨立的風險監察。

信貸風險 貸款資產及擔保組合

本集團置有由零售及商業貸款資產組成的貸款及擔保組合，當中主要為按揭貸款。信貸風險是本集團承擔的最主要風險，源於借款人或交易對手因拖欠貸款而引起的風險。

(一) 違約風險

為有效控制違約風險，本集團四管齊下，保障和維持本身資產、按揭保險計劃及中小企融資擔保計劃下資產組合的素質：

- 仔細挑選交易對手，包括核准賣方、管理供款機構、再保險公司和貸款機構
- 對購買資產、保險和擔保申請制定審慎的資格標準
- 對購買按揭貸款、違約損失、保險及擔保索償進行有效的盡職審查程序
- 提升高風險交易的保障。

若購買按揭貸款計劃的貸款於違約時收回的金額少於貸款餘額，可能引致虧損。為減低違約風險，本集團制定審慎的貸款購買標準，並於購買貸款過程中進行有效的盡職審查，以維持貸款的信貸素質。此外，本集團會視乎個別相關貸款組合的預計風險，與核准賣方就該組合訂立加強信貸安排，以降低因借款人違約而可能招致的信貸損失。

按揭保險計劃所承保的貸款於違約時亦可能會帶來虧損。每宗按揭保險計劃的申請，均由本集團根據一套審慎的投保標準審批，而參與銀行的每項申索亦會由本集團審查，以確保符合所有按揭保險計劃下的承保條件。因此，按揭保險計劃貸款的違約風險得以大幅降低。為避免違約風險可能過於集中，本集團以再保險安排，將部分風險轉移至核准再保險公司。

同樣地，中小企融資擔保計劃所擔保的貸款，於借款人違約時亦可能會帶來虧損。各擔保申請均會經貸款機構根據本身的信貸政策評估借款人的違約風險。此外，本集團採用審慎的承保條件，進行行政審批和信貸審查，從而更加了解擔保申請的信貸素質；並就每宗壞帳索償進行盡職審查，確保貸款符合本集團的承保條件以及貸款機構的內部信貸政策。

此外，本集團採用三管齊下的方式，管理小型貸款計劃下的違約風險，包括(1)審慎評估借款人的還款能力；(2)由審批委員會考慮創業計劃的商業可行性以批核貸款申請；及(3)向借款人提供營商培訓和導師支援。

本集團定期追蹤與匯報貸款和擔保組合的信貸表現，讓管理層知悉最新的信貸狀況，以便密切監察經營環境中出現任何與本集團有關的風險，並及時實施減少風險的措施。

(二) 賣方/管理供款機構交易對手風險

倘若所收購組合的賣方/管理供款機構未能適時及準確地匯寄定期款項予本集團，可能會產生交易對手風險。

本集團採用以風險為本的資格審查，持續監測核准賣方/管理供款機構的貸款管理素質和信貸狀況。

(三) 再保險公司交易對手風險

再保險公司交易對手風險指核准再保險公司無法向本集團支付索償款項的風險。本集團已設立機制，評估按揭再保險公司的資格，並就所承受風險索取抵押品，以有效降低交易對手風險。

本集團每年及於需要時檢討各核准再保險公司的資格，以決定日後的業務分配及風險分攤比例。

(四) 庫務交易對手風險

當庫務交易對手拖欠或無法支付本集團有關庫務工具交易的款項時，可能會產生庫務交易對手風險。為管理庫務交易對手，本集團採用以評級為主的交易對手評估框架，及以風險為本的交易對手限額機制。本集團持續監測庫務交易對手，並根據評估結果，調整各庫務交易對手的限額。

此外，本集團已經與主要掉期交易對手建立了雙邊抵押品安排，以減低庫務交易對手風險。

(五) 貸款機構風險

本集團承受中小企貸款所產生的貸款機構風險：(1)貸款機構的貸款行為與其信貸政策不符；(2)貸款機構制定的信貸政策寬鬆、不夠仔細或不够詳盡以落實審慎批核要求；及(3)貸款機構因為貸款有擔保保障而在審批時不够審慎所引發的道德風險。本集團通過審查貸款機構的信貸政策以及就索償進行的盡職審查，管理貸款機構風險。

本集團信貸風險管理機制以信貸委員會及交易核准委員會為核心，而在保險附屬公司則為其風險管理委員會。

信貸委員會及保險附屬公司風險管理委員會負責制定信貸政策和資格標準。上述委員會審批要求成為購買按揭貸款計劃的核准賣方/管理供款機構、按揭保險計劃的核准再保險公司、中小企融資擔保計劃的核准貸款機構及合資格的庫務交易對手的申請。委員會亦負責制定交易對手的風險承擔限額。委員會密切注視經營環境，並適時提出緩解風險措施，以管理信貸風險。

交易核准委員會及保險附屬公司的風險管理委員會負責根據最新市況及董事局批准的業務策略，深入分析業務交易的定價因素及相關信貸風險。

基建貸款

本集團收購基建貸款，並計劃成立基建證券化平台，以將相關貸款轉為證券化債券出售。

基建融資風險主要源於基建項目借款人未有履行還款責任。此情況一般由建造風險、需求風險、政治風險及交易對手風險所引起。

建造風險指項目無法按既定規格及時間竣工；需求風險指從項目所得收益低於預期；政治風險指政治事件為項目帶來不利影響；交易對手風險則因主要交易對手未有履行合約責任而產生。

此外，項目若未有遵守環境、社會及管治準則，而造成環境及社會風險，會令項目貸款機構出現財務或聲譽影響。

合約、法律及法規的應用或詮釋存在的不確定性，以及項目借款人因缺乏穩健企業管治及合規機制而未有遵守法律、法規及監管責任，均會產生法律與合規風險。

本集團多管齊下管理基建融資風險，包括採用審慎貸款準則、內部專才及獨立顧問進行深入的盡職調查、強健項目架構、嚴謹融資合約及持續監察及審查制度，並已成立包括獨立風險控制小組的專責產品部履行基建投資的日常風險管理。

基建融資及證券化投資委員會負責管理基建投資，包括監督基建融資對相關規則、指引及政策的遵守，以及批核、監察基建融資。

市場風險

由於市場價格轉變，使本集團收入或貸款組合價值減少，即屬市場風險。市場風險包括利率風險、資產負債滿期錯配風險、流動資金風險及貨幣風險。

(一) 利率風險

淨利息收入是本集團盈利的主要來源，即本集團的貸款組合、現金及債務投資的利息收入超逾債務發行及其他借款的利息支出的差額。當市場利率的變動影響資產的利息收入及/或負債相關的利息支出時，即引致利率風險。

利率風險管理的主要目的，是局限利率變動對利息收入/支出的潛在不利影響，同時取得穩定的盈利增長。本集團面對的利率風險有兩方面，即利率錯配風險和息差風險。利率錯配風險是影響本集團淨利息收入的最大風險，主要源自本集團賺息資產及計息負債的利率重新訂價的時間差異。利率錯配風險常見於貸款中大部分為浮息資產(以最優惠利率或香港銀行同業拆息率為基準)的貸款組合，而本集團的主要負債則為定息債券。本集團審慎運用不同類型的金融工具(例如利率掉期、利率期權、息差掉期、遠期利率協議及發行按揭證券)管理利率錯配風險。定息債券的收益一般透過利率掉期，轉變為以香港銀行同業拆息率為基準的資金，使之更能與按揭資產的浮息收入配對。

本集團亦採用期限差距作為監察、衡量及管理利率錯配風險的指標。期限差距衡量資產與負債的利率重新訂價的時差。差距愈大，利率錯配風險愈高。正期限差距指資產期限長於負債期限，即利率上升時風險較大；反之，負期限差距則表示利率下跌時風險較大。

本集團在資產負債管理委員會的指引監督下，視乎利率的未來走勢及市況，會主動對資產負債組合的期限差距作出重新平衡。

息差風險指本集團以最優惠利率計息的賺息資產，及以香港銀行同業拆息率計息的計息負債兩者的基準利率差距。市場上可用作完全對沖最優惠利率與香港銀行同業拆息率息差風險的金融工具有限。一般而言，資產均按香港銀行同業拆息率以與資金的計息基準配對時，或有關的風險管理工具更普及或更具經濟效益時，方能有效管理息差風險。過往數年，本集團刻意購買較多以香港銀行同業拆息率計息的資產，因此息差風險已大幅減少。此外，本集團以往也發行以最優惠利率計息的按揭證券，及採用對沖衍生工具，以減低在這方面的息差風險。

(二) 資產負債滿期錯配風險

按揭貸款及基建貸款組合的實際平均年期，通常較按揭貸款的合約年期為短，視乎按期還款及提前還款的快慢而定。提前還款率愈高，則按揭貸款組合的平均年期愈短。在香港，提早還款有兩個主要原因：(i) 換樓－借款人出售相關物業時全數償還按揭；及(ii) 轉按－借入人為取得較低的按揭利率重新安排按揭貸款。

資產負債滿期錯配風險可更具體闡釋為再投資風險與再融資風險。再投資風險指本集團將提前還款及收回的按揭貸款重新投資所得回報較低的風險。再融資風險指以較高利率或價差再融資負債的風險。當以短期負債融資長期的浮息按揭資產時，本集團便會面對再融資風險(包括融資金額及資金成本的風險)。再投資風險可透過不斷購買貸款資產補充保留組合流失的貸款，及將剩餘現金投資債券或現金存款以調整整體資產組合的平均年期作有效管理。此外，本集團透過發行可贖回債券及可轉讓貸款證減輕再投資風險，讓本集團得以運用可贖回債券及可轉讓貸款證所包含的贖回權，調整負債的平均年期，使負債能更切合整體資產組合。

本集團通過發行不同年期的債券，管理再融資風險，用以靈活調校整體負債組合的平均年期。此外，可以透過調整投資組合的資產到期日，或將貸款證券化成為按揭證券及債券以減少本集團的貸款資產，從而減低再融資風險。本集團以資產負債期限差距比率評估、監控及管理資產負債滿期錯配風險，以確保本集團資產與負債的平均年期有適度平衡。

(三) 流動資金風險

流動資金風險指本集團無法償還債務(例如贖回到期債券)或無法為承諾購買的貸款組合提供資金的風險。本集團採用流動資金風險管理機制應對市況的轉變，不斷監控市場事件對本集團流動資金狀況的影響，並採取審慎的預早融資策略，控制全球市場波動對本集團流動資金的影響。流動資金風險可透過監控每日資金流，以及預測整個還款期的較長期資金流情況加以管理。本集團以流動資產比率衡量、監控及管理流動資金風險狀況。

鑑於本集團由政府全資擁有的強大背景及良好的評級，本集團可以於債券市場有效率地從機構及零售投資者取得融資。除此優勢外，本集團持有高流動性的投資組合，有助本集團迅速和順利地應付無法預見的流動資金需求。即使市場資金持續異常緊縮時，本集團亦可運用外匯基金的300億港元備用循環信貸，作為後備流動資金。

本集團已成功開拓多個融資渠道，審慎管理提早融資，確保所有的可預見融資承諾於到期時能夠兌現，以支援業務發展及維持債務組合的平衡。此多元化資金來源，可使本集團以最低成本進行提早融資的策略，同時亦可在市場不尋常時期保持融資能力。目前的資金來源如下列表1所示：

表 1：本集團現時的資金來源

資金來源	說明
60億美元中期債券發行計劃	已委任強大的交易商團隊根據此計劃向國際機構投資者包銷及分銷港幣及外幣債券
400億港元債務工具發行計劃	主要交易商及銷售團成員根據債務工具發行計劃向機構投資者包銷及分銷債券。此發行計劃下的可轉讓貸款證附屬計劃更進一步擴大原計劃的資金來源及投資者基礎
200億港元的零售債券發行計劃	配售銀行以分行網絡、電話及電子銀行服務設施協助本集團向投資者發行零售債券
30億美元Bauhinia按揭證券化計劃	多種貨幣按揭證券發行計劃，讓本集團在本地及國際市場推出按揭證券
投資組合	主要包括現金及銀行存款、商業票據、優質存款證及可隨時兌換成現金的票據
貨幣市場短期資金	本集團已從多家本地及國際銀行取得貨幣市場短期資金借貸額度作短期融資
300億港元備用循環信貸安排	外匯基金承諾向本集團提供300億港元備用循環信貸

(四) 貨幣風險

貨幣風險指匯率波動對本集團財政狀況及外幣現金流量的影響。本集團嚴格按照董事局批准的投資指引，在資產負債管理委員會的監督下管理貨幣風險。資產負債管理委員會訂立每日可承受的風險上限。

基於審慎風險管理原則，根據中期債券發行計劃已發行的外幣計值債券，已通過外幣換匯交易悉數對沖。

交易分別經前線、中間及後勤辦公室處理，以確保有充份制衡。庫務部為前線辦公室，負責監察金融市場的變化，並根據資產負債管理委員會制定的策略執行各種現金、衍生工具、債務及證券化市場交易。風險管理部則擔任中間辦事處角色，監察交易是否符合庫務交易對手及市場風險限額。業務運作部為後勤辦公室，負責交易的核實、確認、結算及付款流程。

資產負債管理委員會負責全面管理市場風險。委員會依循審慎風險管理原則及董事局所核准的投資指引，負責審查和管理市場風險，包括利率風險、資產負債滿期錯配風險、流動資金和融資風險及貨幣風險。委員會定期舉行會議，檢討金融市場的最新發展，並制定有關資產負債的管理策略。

長壽風險

安老按揭計劃與補價易貸款保險計劃下的長壽風險指較預期長及支付較大額的年金所引致的風險。年金付款期及貸款期愈長，貸款金額隨着時間亦會累積愈多，而出售物業以償還貸款後的餘額會愈少。當出售物業的款項並不足以償還貸款時，就可能導致損失。

香港年金計劃下的長壽風險指年金受益人的實際壽命比預期長，令發放年金的年期變長，從而嚴重影響該計劃的長期可持續性。

安老按揭計劃和補價易貸款保險計劃的貸款終止率和年金計劃的保單終止率很大程度上取決於借款人和年金受益人的死亡率(即壽命)。本集團對死亡率及日後預期壽命的延長作審慎的精算假設，藉以應對長壽風險。本集團每年進行風險分析，以評估長壽風險所帶來的潛在財務影響，以及安老按揭計劃、補價易貸款保險計劃和年金計劃下各種風險因素之間的相互影響，並定期檢討假設的死亡率。

長壽風險委員會負責管理本集團的長壽風險，其職責包括批核長壽風險管理政策、對沖交易，並檢視本集團的長壽經驗及風險。委員會亦會密切注視並分析人類壽命的趨勢、相關科技的變革及對人類壽命的影響。

物業風險

在購買按揭貸款計劃、按揭保險計劃、安老按揭計劃與補價易貸款保險計劃時，作為貸款及擔保組合抵押品的物業如在價格方面有所波動，便會令本集團承受物業風險。本集團就購買貸款或貸款申請聘用測量師為每項物業估值、設定已抵押物業於變現時的保守價值、制定各類相關計劃的最高按揭成數及進行壓力測試以評估樓市下滑的影響，藉以管理物業風險。

信貸委員會和保險附屬公司的風險管理委員會負責管理本集團的物業風險。

外匯基金存款

香港年金公司將所得年金供款存於外匯基金的「投資組合」和「長期增長組合」，以賺取利息。此外，該公司將繳足資本及保留溢利存於「投資組合」，以管理資本回報率。若投資回報低於預期水平，本集團會承受市場風險。利率、股價、樓價及匯率不利變動亦可能造成虧損風險。本集團積極監察並檢討投資組合，以釐定「投資組合」與「長期增長組合」之間的策略資產配置。

香港年金公司因供款及資本存放所引致的一切風險，均由其風險管理委員會管理。

營運風險

營運風險指由內部程序、人為、系統失誤或失靈、或外界因素引致運作中斷而導致損失的風險。

本集團採用自下而上的方式，深入分析新產品、業務活動、程序，並將系統升級與盡職審查新業務流程，以識別營運風險，另外亦採用全面驗證規則、資訊系統管理報告及審核證據，以追蹤及呈報任何錯誤或不足。

本集團維持全面且完善的內部監控、核證制度及營運流程，積極管理營運風險。本集團設有營運框架，配合不同業務範疇推出的新產品。此外，本集團在執行營運及系統基建設施之前，會作出嚴格審視，確保有足夠的內部監控，從而紓緩營運風險。

在業務活動及流程方面，本集團廣泛利用先進資訊技術、配合有效的營運制度與監控，以確保日常營運的效率及成果。本集團採用有效的措施確保該等系統準確、可用及安全。本集團亦有謹慎措施確保足夠監察和充分制衡，保證營運受到恰當控制。有效的內部監控有助減低財務風險，同時保障資產免遭挪用或不當的損失，包括預防及偵測欺詐行為。

資訊風險管理

本集團的資訊系統保安政策載有員工必須遵從的資訊保安要求，並制訂措施確保資訊資產的機密性、完整性及可用性。本集團實施各種資訊保安措施，以減低外界入侵的風險。本集團內部也實施對區域網絡的保安監控以減低惡意入侵的風險。於有需要時，本集團亦聘任外界顧問測試保安漏洞，以提高系統安全。為確保高度合規，內部審計師定期審核本集團的主要營運系統與程序。

此外，本集團已加強監管措施，從兩個範疇提升對網絡攻擊的抵禦能力，其一是設立專責資訊風險管理部，制訂並執行資訊風險管理框架及控制措施的管治。其二，資訊風險管理部協助本集團充分認識並遵守資訊保安政策，並就調查任何有關科技欺詐及事故提供支援。

業務持續運作規劃

本集團的業務恢復規劃，確保所有業務單位的服務時刻都能夠保持在最高水平，以支持業務的持續運作，將受不同災難事故引起的業務中斷影響減至最低。每個業務單位定期評估不同災難事故的影響，從而更新恢復程序。為確保業務恢復程序切實可行，每年都舉行全公司的業務恢復演習；亦每日備份及在場外儲存備份磁帶，以確保本集團免受任何資訊科技災難影響。

產品批核機制

為了確保新產品在設計和推出時，已經充份考慮所有風險因素，本集團設立新產品發展管理機制。根據該機制，任何新產品在推出前，須經過恰當的產品規範批核程序。於產品研發過程開始前將明確指定產品推動人，負責啟動整個批核機制。只有得到所有功能部門批核和確認產品在實用性方面準備就緒後，產品才可以推出。

投訴處理機制

本集團不斷致力改善核心工作流程，以確保產品和服務滿足客戶期望。為確保客戶的回應適時得到恰當處理，本集團已制定正式的投訴處理機制，以跟進、報告及處理投訴。

營運風險管理委員會負責確保本集團所有相關運作部門都採取有效的營運風險及內部監控機制。委員會制定關鍵風險指標，監察主要營運風險的事項和減低風險措施的成效。於內部程序如有控制上的弱點、失效或不合規的情況，會作為營運風險事件紀錄、匯報及處理，以作為營運風險管理。委員會也負責制定方向、解決有關政策、監控和管理營運事宜，並確保倘若審核結果涉及營運風險或內部監控時，可以迅速採取恰當的糾正措施。

法律與合規風險

法律風險指法律及法規的應用或詮釋不明確或法律文件無法予以執行或未能有效保障本集團利益時所產生的風險。合規風險指違反適用於本集團的法律、法規、行為守則或行業常規所產生的風險。

由首席法律顧問主管的法律顧問部，負責就法律事務向本集團提供意見，務求控制法律風險。當考慮新產品或業務時，法律顧問部會就有關法律及監管環境提供意見。法律顧問部亦會對所需的法律文件提供意見及識別潛在的法律問題，務求保障本集團的利益。本集團亦會適時聘請外部法律顧問，協助法律顧問部為本集團提供法律支援。法律顧問部與本集團的其他部門緊密合作，就法律問題及法律文件提供意見。

合規專組是法律顧問部的一部份，由合規總監領導，其通過首席法律顧問向總裁匯報。合規專組會適時聘請外部法律顧問，為合規事宜提供意見。有關合規專組及其工作的詳情，請參閱企業管治報告內「合規匯報」一節。

營運風險管理委員會是負責管理法律與合規風險的委員會。

槓杆風險

為確保本集團在擴展業務以及資產負債表時，對資本基礎不會構成過度的風險，財政司司長(就其財政司司長身份而非股東身份)作為本集團的監管人，已頒布資本充足率指引。該指引主要參考「巴塞爾協定II」的風險資本充足框架，而當中最底的資本充足率定為8%。於二零一八年十二月三十一日，本集團的資本充足率為26.8%。

監管資本按資本指引嚴格監控並審慎運用。總裁每季向董事局匯報資本充足率和當季的最低每日比率。本集團同時也設有預警機制，當資本充足率低於14%的臨界水平時，總裁會通知執行董事及考慮作出補救措施。而當資本充足率下跌至12%或以下時，會通報董事局，並採取適當的補救措施。

企業管治報告

企業管治報告

企業管治常規

本公司的使命是促進：

- 銀行業界穩定
- 市民置業安居
- 本地債券市場發展
- 退休規劃市場發展

本公司根據審慎商業原則運作，並致力確保高水平的企業管治，務求提升整體問責性、透明度及長遠的持續營運能力。本公司所採納的企業管治常規，載於董事局所通過的「企業管治守則」(「守則」)內。守則以公平、透明、問責及向所有持份者負責的原則為前提。守則已向股東、董事及員工派發，並載於本公司的網站(www.hkmc.com.hk)。

守則的合規監控方面，每年由各部門進行自我評估開始，然後總內部審核師會獨立審核各部門所填寫的自我評估報表，合規報告之後會呈交董事局審閱。董事局有權要求就任何違規行為採取適當行動。

二零一九年二月，總內部審核師對各部門就二零一八年度的守則合規情況所提交的自我評估報表，進行了獨立審核。根據年內本公司內部監控制度的審計結果及已填寫的自我評估報表，總內部審核師認為守則在各重大方面已經予以遵守。

提升企業管治守則

保持穩健及合理的企業管治架構，以達至有效和審慎的公司管理，一直是本公司的首要工作。為確保本公司的企業管治常規與最佳標準更趨一致，本公司將不時檢討守則，並採納任何新發展的相關企業管治常規。

股東

本公司的所有股份均由香港財政司司長以外匯基金管理人身份實益擁有。

董事局

董事局負責領導本公司，並以有效及負責任方式推動公司爭取佳績。為對本公司作出策略性領導及實施有效監控，董事局每年最少會面四次，以檢視本公司的業務策略與政策、預算與規劃、組織與財務表現、風險管理、人力資源及社區關係。為確保董事局能夠作出持平的決定，董事局成員包括來自政府、政黨、銀行界、會計界、法律界與消費者委員會的代表。本公司鼓勵董事出席董事局會議，以確保事項得到充分討論。

守則規定在董事局會議召開前，董事都獲提供適當資料，以便了解公司事務的最新情況，並在會議上作出明智決定。在審查年度內，董事局共舉行了四次會議。

守則亦規定董事在履行本公司的董事職責時，應避免可能或可能被視為損害其個人判斷或誠信的情況或引起利益衝突的情況。

董事須就董事局會議即將審議的任何事項，申報其本人或其關連實體的重大利害關係。倘若有董事或其關連實體在董事局會議即將審議的事項中有利益衝突，則該名董事須在董事局會議表決該事項時放棄投票，而其出席也不會計算在該事項投票時的法定人數內。就每個財務匯報期，本公司均會要求董事就其本人及其關連實體在涉及本公司或本公司之附屬公司或附屬企業的重要交易、安排或合約中所存有的重大利害關係進行確認。每年亦會按照香港

財務報表準則，識別本公司與其交易對手訂立的有關人士重大交易，並在財務報表的附註內作出披露。

截至二零一八年十二月三十一日，董事局有16名董事，全部均由本公司的股東正式委任。董事資料載於年報內刊載的董事報告，亦可在本公司網站參閱。除了四名執行董事，所有董事均為非執行董事，並無積極參與本公司的日常管理。但非執行董事在董事局審議事項方面扮演着重要角色，包括提供獨立意見、廣博見識及多方面專業知識，有效推動管理層執行本公司的政策。本公司並無向董事支付酬金。

本公司會向新委任的董事提供關於本公司業務活動、策略及目標的簡介。

非執行董事的任期一般為一年。根據本公司的公司章程細則，全體非執行董事須於獲委任後的下一屆股東週年大會退任，惟可獲再委任。

對於董事及管理人員為本公司履行職務時可能引起的法律訴訟及其他索償，本公司備有保險安排。

主席與總裁

二零一八年內，主席一職由陳茂波先生擔任，總裁一職由李令翔先生擔任。主席與總裁職位分別由兩

位人士擔任，以此明確區分董事局職責與本公司管理層的行政職責。董事局負責制定策略性方向及業務指引，批核財務目標及持續密切監察本公司的表現。總裁向董事局負責，肩負帶領管理層以適當有效方式執行董事局決策的重任。總裁亦會確保定期向董事局呈報有關本公司業務的充足資料。

公司秘書

公司秘書向董事局負責，其主要職責是確保本公司及董事局遵循所有公司秘書程序。此外，公司秘書須確保會議文件於每次董事局會議召開前，及時發放予董事。董事亦可向公司秘書徵詢意見及有關服務，以確保董事局程序符合有關法律、規則和法規。

二零一八年的董事局會議時間表已預先提供予董事，以便董事安排出席會議。守則要求董事局會議文件一般應在相關董事局會議召開前最少七天，發送予各董事，讓董事在董事局會議召開前能充分了解有關事宜。董事局會議文件一般載有會議議題的詳盡背景或說明資料，亦適當包括支持文件、分析、研究結果、計劃書、財政預算及預測。然而，如任何董事被認定與董事局會議的議題存在利益衝突，則該董事便不會獲發相關議題的董事局會議文件。

所有董事局會議與審計委員會會議一般都有詳盡的會議記錄，記錄內容包括會議上曾討論的事項、達成的決定、董事曾提出的問題及曾發表的不同意見。董事局會議記錄與審計委員會會議記錄均由公司秘書保管，可供任何董事查閱。然而，如有董事對任何會議議題存有利益衝突，該名董事則不會獲發亦不可查閱相關會議記錄或資料。

審計委員會

在審查年度內，審計委員會成員為：

- 施文信先生，非執行董事(審計委員會主席)
- 余偉文先生，執行董事
- 陳家強教授，非執行董事
(於二零一八年七月十三日獲委任)
- 馮婉眉女士，非執行董事
(於二零一八年七月十三日獲委任)
- 吳亮星先生，非執行董事
(於二零一八年四月十三日退任非執行董事後不再為成員)
- 郭珮芳女士，非執行董事
(於二零一八年四月十三日退任非執行董事後不再為成員)。

審計委員會負責審閱本公司的財務報表、該等報表的編製及所採納的會計準則、財務審計結果及本公司的管理程序，以確保其內部監控制度充足有效。

審計委員會定期與管理層、總內部審核師及外聘核數師舉行會議。審計委員會亦會召開臨時會議，審議需要其注意的特別事項。審計委員會主席向董事局提交報告供董事審閱，報告概述審計委員會曾進行的審閱，並重點指出任何重要事項。在二零一八年，審計委員會共舉行了兩次會議。

內部審核師

集團內部審核部獨立於管理層運作，在評核本公司的內部監控制度上擔當重要角色。總內部審核師領導集團內部審核部，直接向審計委員會主席匯報與本公司內部監控有關的一切事宜，亦同時向總裁匯報集團內部審核部的日常行政事宜。總內部審核師可以毋須知會管理層，與審計委員會主席直接溝通。

審計委員會每年均會正式審批由總內部審核師根據其獨立風險評估並按照其對營運風險管理委員會與企業風險管理委員會會議曾討論的相關風險管理議題的觀察結果所編製的年度內部審核工作計劃。集團內部審核部依照年度內部審核工作計劃，採用以風險為本的審計方法，獨立審核本公司的內部監控制度。每次審核後，集團內部審核部會與相關部門主管、高級管理層和執行董事討論審核結果及建議。內部審核報告會呈交審計委員會審閱，然後再呈報董事局。



一直以來，管理層都積極考慮總內部審核師所提出的審計結果及建議，並密切監督有關建議的實施。

外聘核數師

本公司的外聘核數師是羅兵咸永道會計師事務所。核數師酬金的詳細資料於本公司的財務報表內披露。核數師可隨時與總內部審核師及審計委員會溝通。為確保核數師對本公司的獨立性，核數師會根據香港會計師公會的《國際職業會計師道德守則》第290節的要求，每年致函審計委員會，確認其身份獨立。為審核本公司截至二零一八年十二月三十一日年度的財務報表，羅兵咸永道會計師事務所已向審計委員會確認其身份獨立。

財務匯報

本公司致力向持份者與公眾人士，就業績表現、財務狀況和前景提供清晰、持平及全面的評估。董事負責編製財務報表，核數師就其匯報責任於該等財務報表的獨立核數師報告中作出聲明。董事要確保所編製的財務報表真實及公平地反映本公司的財政

狀況。本公司的全年及中期業績會在相關時期結束後及時公佈。

內部監控

董事局對本公司的內部監控制度承擔整體責任，並透過審計委員會對該等制度是否足夠和有效作出定期檢討。

透過成立多個不同委員會，以確保本公司有營運效率及審慎風險管理。當中包括企業風險管理委員會及基建融資及證券化投資委員會，均由一位執行董事擔任主席，負責從企業整體角度監督本公司的風險；而營運風險管理委員會、信貸委員會、交易核准委員會、資產負債管理委員會及長壽風險委員會均由總裁擔任主席。每個委員會都有清晰明確的職權範圍。有關該等委員會及本公司的風險管理架構的詳情，均載於年報內「風險管理」一節。

內部監控制度旨在提供合理保障，以避免重大的失實陳述或損失，管理營運過程失效以及追求業務目標帶來的風險，防止未經授權使用資產，妥善保存供內部使用及對外發放的會計記錄，並確保符合政策及相關法例與法規。

合規匯報

合規專組是法律顧問部的一部分，其設立是為了更集中管理監管及合規風險。

合規專組由合規總監領導，並通過首席法律顧問向總裁匯報。根據本公司的合規政策和合規手冊，合規專組主要就利益衝突、反貪污、反歧視、競爭法、私隱和個人資料保護、打擊清洗黑錢及反恐融資方面，對本公司各部門二零一八年的合規操作進行監控並提供意見。合規專組於二零一八年進行合規審核，以確保本公司各部門維持穩健的合規操作。

為支援交易，合規專組於年內負責對主要交易進行審查和簽字批核。合規專組亦舉辦培訓提高員工的合規知識。為加強員工的合規知識，合規專組為本公司不同部門及附屬公司的相關員工安排不同範疇的年度合規測驗。

行為守則

本公司要求員工遵守最高的誠信和行為標準。該等要求與相關法律責任明確載於本公司員工手冊內的行為守則(「行為守則」)。行為守則有條文特別規範員工個人利益與公司利益之間可能產生的潛在利益衝突。行為守則亦載有其他條文，以確保員工妥善地、符合道德地、公正無私地，在沒有受到任何不正當影響下執行其職務。

行為守則載於本公司的內部網站，供全體員工參閱。

員工每年均須書面確認其已經遵守行為守則。根據已收到的員工確認書，管理層認為員工於二零一八年內均已遵守行為守則，表示滿意。

溝通交流

本公司非常重視與公眾的溝通交流。本公司的年報刊載了本公司的業務策略及發展詳情。本公司的網站(www.hkmc.com.hk)適時登載本公司的新聞稿與其業務資訊。本公司亦設有熱線電話，供公眾人士查詢使用。

企業社會責任

本公司致力履行企業社會責任。自二零零八年起，為了表揚本公司對社會的貢獻及一直致力履行企業社會責任，香港社會服務聯會向本公司每年頒發「同心展關懷」標誌，而本公司現在已是第十一年參與企業社會責任工作。為嘉許關顧及重視僱員退休保障的僱主，本公司自二零一四年起每年均獲強制性公積金計劃管理局頒發「積金好僱主」獎項。

此外，本公司繼續確保所有人都能使用本公司的網站，包括有視覺或聽覺障礙等有障礙人士。

香港按證保險有限公司(「按證保險公司」)及香港年金有限公司(「年金公司」)

按證保險公司及年金公司(本公司的全資附屬公司，為根據《保險業條例》在或從香港分別經營一般保險業務及長期保險業務的獲授權保險人)的企業管治守則緊貼本公司的守則，皆載納最佳企業管治常規。年內，各附屬公司的董事局由本公司的董事局成員及該附屬公司的高級管理層成員組成。按證保險公司及年金公司的董事由財政司司長作為兩間附屬公司的最終擁有人委任。各附屬公司的審計委員會向本公司的審計委員會作定期匯報。

二零一九年二月，本公司的總內部審核師與年金公司的內部審核部主管對按證保險公司及年金公司各部門及專組各自就按證保險公司及年金公司二零一八年度的企業管治守則合規情況所提交的自我評估報表，進行了獨立審核。根據年內兩間附屬公司內部監控制度的審計結果及已填寫的自我評估報表，本公司總內部審核師與年金公司的內部審核部主管分別認為按證保險公司及年金公司的企業管治守則在各重大方面已經予以遵守。

結語

董事局對本公司二零一八年內的企業管治操作表示滿意。在二零一九年，本公司將按不斷的實踐經驗、監管制度變化、國際市場動向與發展，繼續檢討企業管治架構並恰當地優化該等操作，務求提升本公司的效率和有效管理以達成其使命。

董事報告

Directors' Report

香港按揭證券有限公司(「本公司」)的董事局欣然提呈其報告及本公司(就本報告而言，連同其附屬公司及附屬企業，統稱「本集團」)截至二零一八年十二月三十一日止年度經審核的綜合財務報表(「財務報表」)。

主要業務

截至二零一八年十二月三十一日止年度內，本集團的主要業務包括：

- (a) 從有關批授人、發行人、擁有人或賣方，購買以位於香港的物業或其他抵押品作抵押的按揭或貸款組合，收購任何類別的債權證、應收款項、金融資產及據法權產；
- (b) 透過購買或其他方式，從政府部門和機構及相關組織、法定團體以及公營機構收購任何資產，並持有、出售、轉讓、處置及處理任何該等所收購的資產；
- (c) 向投資者發行債券；
- (d) 經營中央小型貸款平台以支援小型貸款；
- (e) 發展新設立的基建融資及證券化業務；
- (f) 受政府委託管理一個為參與的「認可機構」(根據《銀行業條例》的定義)借予本地非上市企業包括中、小型企業(「中小企」)的貸款提供融資擔保的計劃；
- (g) 為參與的貸款機構所批出以住宅物業和其他資產(如適用)作抵押的按揭貸款、安老按揭貸款及補地價貸款提供按揭保險；及
- (h) 在或從香港提供終身年金產品。

本集團其他成員截至二零一八年十二月三十一日止年度內的企業資料和主要業務，均載於財務報表附註22。

The Directors (**Directors**) of The Hong Kong Mortgage Corporation Limited (**Company**) have pleasure in presenting their report together with the audited consolidated financial statements of the Company (for the purpose of this report, together with its subsidiaries and subsidiary undertakings, **Group**) for the year ended 31 December 2018 (**Financial Statements**).

Principal Activities

The principal activities of the Group in the course of the year ended 31 December 2018 were:

- (a) to purchase portfolios of mortgages or loans secured on properties or other collateral situated in Hong Kong and to acquire debentures, receivables, financial assets and choses in action of all kinds from their originators, issuers, owners or vendors;
- (b) to acquire, by purchase or otherwise, any assets from government bodies and agencies and related organisations, statutory bodies and public bodies and to hold, sell, transfer, dispose of and deal in any such assets so acquired;
- (c) to issue debt securities to investors;
- (d) to operate a centralised microfinance platform to support microfinance loans;
- (e) to develop new business initiative on infrastructure financing and securitisation;
- (f) to operate a scheme for the Government providing guarantee on loans advanced by participating authorized institutions (**AIs**) (as defined in the Banking Ordinance) for local non-listed enterprises, including small and medium enterprises (**SMES**);
- (g) to provide mortgage insurance cover in respect of mortgage loans, reverse mortgage loans and loans for premium settlement originated by participating lenders and secured on residential properties and, if applicable, other assets; and
- (h) to offer life annuity products in or from Hong Kong.

The corporate information and principal activities of the other members of the Group in the course of the year ended 31 December 2018 are set out in Note 22 to the Financial Statements.

業務審視

1. 業務板塊

為完成其使命和社會目標，本集團年內以審慎商業原則運作，主要通過發展、實施並經營下列項目、計劃和業務，從事參與、安排及購買貸款、按揭保險和終身年金的業務活動。

購買按揭貸款計劃

本集團的使命之一，是透過提供可靠的流動資金來源，加強香港銀行業的穩定性。為完成此使命，本集團一直做好準備，以便隨時於核准賣方有需要減持資產套現時，從核准賣方買入按揭貸款和其他資產。年內，市場資金充裕，銀行出售資產套現的意欲偏低。

小型貸款計劃

推出小型貸款計劃，旨在以可負擔的息率提供貸款及給予輔助支援服務予有意創業、自僱或希望通過培訓、技能提升或考取專業資格自我增值的合資格人士。除非獲政府繼續委託及經董事局批准延續，該計劃將於二零一九年十二月期滿，其現有總貸款金額上限為2億港元。

Business Review

1. Business Segments

In the pursuit of its missions and social objectives, during the year, the Group operated on prudent commercial principles and engaged in business activities of loan participation, origination and acquisition, mortgage insurance and life annuity mainly through the development, implementation and operation of the programmes, schemes and business initiatives below.

Mortgage Purchase Programme (MPP)

One of the missions of the Group is to enhance the stability of the banking sector in Hong Kong by offering a reliable source of liquidity. To achieve this mission, the Group stands ready to purchase mortgage loans and other assets from approved sellers as and when they have the need to offload. With ample liquidity in the market during the year, there was low incentive for AIs to offload their assets.

Microfinance Scheme (MFS)

MFS is launched with the aim of offering loans at affordable rates and ancillary supporting services to eligible persons who wish to start their own businesses, become self-employed or achieve self-enhancement through training, upgrading of skills or obtaining professional certification. Subject to any extension as may be commissioned by the Government and approved by the Board of Directors, the MFS will expire in December 2019 and its current lending cap is HK\$200 million.

基建融資及證券化

年內，董事局批准了基建融資及證券化業務計劃，本集團亦成立了新設立的基建融資及證券化產品部，由富相關經驗的行內人士營運，專責發展此新業務。本集團自二零一九年起，依業務計劃按照審慎商業原則及在穩健的風險管理框架下營運此新業務。

環球基建融資市場資金缺口龐大並正逐漸擴闊，本集團可透過新設立的基建融資及證券化業務，善用其卓越的信貸評級、發行中長期債券融資的優勢，促進基建投融資活動，進一步履行促進銀行業界穩定和本地債券市場發展的公司使命。

中小企融資擔保計劃

中小企融資擔保計劃是一個由市場主導的貸款擔保計劃，通過為參與的貸款機構所批出的企業貸款提供五至七成擔保，協助本地非上市企業（包括中小企）應付經營業務及購置設備和資產的融資需求。此外，政府委託了本集團管理政府的特別優惠措施，旨在為參與的貸款機構向本地非上市企業所批出的貸款提供八成信貸擔保（「八成信貸擔保產品」）。以政府所提供總額高達1,000億港元的信貸擔保作後盾，本集團按審慎商業原則管理八成信貸擔保產品，並負責相關營運開支。

為進一步減輕本地中小企的財務負擔，協助中小企取得融資，尤其是外圍經濟環境及貿易表現於年內及可見將來並不明朗的情況下，政府於二零一八年十月宣佈，連續第七次延長八成信貸擔保產品的申請期，至二零一九年六月底，並就八成信貸擔保產品推出三項優化措施，由二零一八年十一月開始生效。該三項優化措施為：(a) 借款企業須付的擔保費年率減半；(b) 借

Infrastructure Financing and Securitisation (IFS)

During the year, the Board of Directors approved an IFS business plan, and a newly established IFS Division of the Group, manned with experienced industry professionals, was formed to develop this new business. The Group has started the new business since 2019 in accordance with the business plan based on prudent commercial principles and under a robust risk management framework.

The new IFS business will enable the Group to leverage its strong credit standing and medium-to-long term funding capability to further its mandates of promoting stability of banking sector and development of debt market in Hong Kong by facilitating infrastructure investment and financing flows against the enormous and widening funding gap in the international infrastructure financing market.

SME Financing Guarantee Scheme (SFSG)

SFSG is a market-based loan guarantee scheme providing 50% to 70% guarantee on loans advanced by participating lenders for assisting local non-listed enterprises (including SMEs) to meet their funding needs for working capital or acquisition of equipment and assets in support of their business operations. In addition, the Government has commissioned the Group to administer the Government's special concessionary measures which aim at providing 80% guarantee for loans advanced by participating lenders for local non-listed enterprises (**80% SFGS**). Backed by the Government's total guarantee commitment of up to HK\$100 billion, the Group administers the 80% SFGS on prudent commercial principles at its own cost.

To further relieve the financial burden of local SMEs and assist them to obtain financing, in particular, under the uncertain external economic environment and trade performance during the year and in the foreseeable future, the Government announced in October 2018 to extend the application period of the 80% SFGS for the seventh time consecutively to the end of June 2019, and to introduce three enhancements to the 80% SFGS with effect from mid November 2018. The three enhancements are: (a) reducing by half the annual guarantee fee rate payable by borrowers, (b)

款企業可得最高貸款額由1,200萬港元增加至1,500萬港元；及(c)貸款擔保期最長由五年延長至七年。年內，本集團向參與計劃貸款機構的營運團隊提供定期培訓課程，於中小企講座講解中小企融資擔保計劃，贊助香港中小型企業總商會舉辦國際中小企高峰論壇，以提高八成信貸擔保產品的使用率，令大眾對產品加深了解。

按揭保險計劃

推出按揭保險計劃，容許自置居所人士取得較高按揭成數，從而減輕其支付首期的負擔，目的是促進香港有更多自置居所。在該計劃下，本集團扮演保險公司的角色，為參與的認可機構批出的按揭貸款，當中超出香港金融管理局規定的貸款上限部分，提供按揭保險保障，並收取保費。自一九九九年三月推出以來，該計劃的公眾認受性日益提升。二零一八年，該計劃所批核的新提取按揭貸款總額為325億港元。

安老按揭計劃

推出安老按揭計劃，旨在給予自置居所業主新的財務安排選擇，藉此提升其退休生活素質。透過安老按揭，自置居所業主可以利用自住物業作為抵押品，從參與的貸款機構換取一筆過款項及/或於一段付款期內持續每月收取款項。在該計劃下，本集團主要擔當保險公司的角色，為參與的貸款機構所批出的安老按揭貸款，提供按揭保險保障，並收取保費。

本集團一直就安老按揭計劃推行重點教育活動，令該計劃的市場認受程度不斷提升。該業務錄得申請宗數於二零一八年穩步增長，較二零一七年增加7.5%。

raising the maximum facility amount available to borrowers from HK\$12 million to HK\$15 million, and (c) lengthening the maximum guarantee period from five years to seven years. During the year, the Group promoted more active use and public awareness of the 80% SFGS by providing regular training sessions to the operational teams of participating lenders, introducing the SFGS in SMEs seminars and sponsoring the World SME Summit organised by The Hong Kong General Chamber of Small and Medium Business.

Mortgage Insurance Programme (MIP)

MIP is launched with the aim of promoting home ownership in Hong Kong by enabling high loan-to-value financing for homebuyers to reduce their down payment burden. Under the MIP, the Group acts as insurer to provide mortgage insurance cover for a premium on mortgage loans advanced by participating AIs in excess of the lending limits imposed by the Hong Kong Monetary Authority. Since the inception in March 1999, the MIP has gained increasing public receptiveness. In 2018, the total amount of mortgage loans drawn down under the MIP was HK\$32.5 billion.

Reverse Mortgage Programme (RMP)

RMP is launched with the aim of providing homeowners with a new financial planning option to enhance their quality of life on retirement. Through reverse mortgage, homeowners could use their self-use residential properties as collateral in return for lump-sum payouts and/or a stream of monthly payouts from participating lenders over a payment term. Under the RMP, the Group mainly acts as insurer to provide mortgage insurance cover for a premium on reverse mortgage loans advanced by participating lenders.

With the Group's ongoing and focused educational initiatives on the RMP, market receptiveness of the RMP has grown continuously. The business recorded a steady growth in the number of RMP applications received in 2018 by 7.5% as compared to 2017.

補價易貸款保險計劃

推出補價易貸款保險計劃，旨在協助資助出售房屋業主補地價，藉此促進資助房屋租售市場的發展。物業補地價後，其轉讓限制得以解除，業主可以在公開市場出售或出租其單位。在該計劃下，本集團擔當保險公司的角色，為參與的貸款機構所批出主要用於補地價的一筆過貸款，提供按揭保險保障，並收取保費。該計劃現時覆蓋香港房屋委員會轄下的居者有其屋計劃、私人機構參建屋計劃和租者置其屋計劃及香港房屋協會轄下的住宅發售計劃和夾心階層住屋計劃中的資助出售房屋。

香港年金計劃

推出香港年金計劃（「**年金計劃**」），旨在幫助市民進行退休理財規劃，並促進本地年金市場發展。年金計劃提供另一退休理財方案，替長者將一筆過現金轉化為終身每月定額收入。在年金計劃下，本集團擔當保險公司的角色，銷售及批出年金保單並收取保費。

年金計劃於二零一八年七月首次推行，並接獲9,410宗認購意向登記，意向認購總額約49.4億港元。回應市場意見，年金計劃於二零一八年十二月再次推售，並同步推出優化措施，加強財務保障，產品特性更靈活，不設申請期限，可隨時投保。於二零一八年，年金計劃共批出5,422份保單，所收保費總額約28億港元，平均每份保單收得保費金額約513,000港元。

Premium Loan Insurance Scheme (PLIS)

PLIS is launched with the aim of facilitating owners of subsidised sale flats to settle the land premium, thus promoting the for-rent or sale market of subsidised housing. After settling the land premium, the alienation restriction is removed and the owners may sell or let their flats in the open market. Under the PLIS, the Group acts as insurer to provide mortgage insurance cover for a premium on lump-sum loans advanced by participating lenders primarily for land premium settlement. PLIS currently covers subsidised sale flats under the Home Ownership Scheme, the Private Sector Participation Scheme and the Tenants Purchase Scheme of the Hong Kong Housing Authority, as well as the Flat-for-Sale Scheme and the Sandwich Class Housing Scheme of the Hong Kong Housing Society.

HKMC Annuity Plan (Plan)

The Plan is launched with the aim of facilitating retirement planning and promoting the development of the local annuity market. The Plan provides an alternative retirement financial solution, and helps the elderly turn their lump sum cash into a stream of fixed monthly income for life. The Group acts as insurer to offer and issue annuity policies for a premium under the Plan.

The inaugural launch of the Plan took place in July 2018, and recorded 9,410 registrations of subscription intention for a total subscription amount of around HK\$4.94 billion. In response to market feedback, the second launch took place in December 2018 with enhancements to the Plan offering greater financial protection, more flexible product features and an open application period to allow policy purchase at any time. In 2018, a total of 5,422 policies were issued under the Plan with a total premium receipt of around HK\$2.8 billion and an average premium receipt of around HK\$513,000 for each policy.

2. 市場環境

全球經濟於二零一八年繼續增長，但至下半年增長動力開始減弱。中美兩國的貿易摩擦令全球經濟氛圍受壓，對國際貿易活動的流向及投資活動的影響日益增加。在此背景下，加上美國及其他主要經濟體的貨幣政策正常化持續推進，令全球市場波動加劇。隨著全球經濟增長減速及中美貿易緊張局勢的影響逐漸浮現，許多亞洲經濟體的增長在下半年放慢。

香港方面，本地經濟於下半年雖然顯著放緩，但在二零一八年整體仍能再一年錄得高於趨勢的增長。經本地息口略為調高，加上政府宣佈多項措施及政策增加土地及樓宇供應，暢旺的香港住宅物業市場近年尾時有所整固。

2. Market Environment

Global economic growth continued into 2018 but started to lose momentum in the second half of the year. The trade conflict between the US and China weighed on economic sentiments around the world, and its impacts on international trade flows and investment activities were increasingly felt. Against this backdrop, global market volatility was heightened along with ongoing monetary policy normalisation in the US as well as across other major economies. Growth momentum in many Asian economies slowed in the second half of the year, as the impact of moderating global economic growth and the US-China trade tension gradually surfaced.

In Hong Kong, despite that the local economy decelerated visibly in the second half of the year, we still managed to record another year of above-trend growth for 2018 as a whole. Following a moderate local interest rate hike and the Government's announcement of numerous initiatives and policies to increase land and housing supply, the buoyant residential property market in Hong Kong consolidated somewhat towards the year end.

3. 財務表現

股東應佔溢利為1.27億港元(二零一七年：8.06億港元)，股東資金回報率為0.9%(二零一七年：8.6%)。盈利下跌主要反映本公司的全資附屬公司香港年金有限公司(「年金公司」)的年金業務，基於精算假設而為維持審慎的法定儲備產生會計虧損，於二零一八年再無二零一七年所錄得的一次性出售投資所得，主要因重估美元現金及債券投資所得的匯兌收益減少，以及支持政策而投放業務資源。儘管年金公司錄得虧損，但其年金業務於二零一八年年底的內含價值(即權益總額與預期將來利潤現值總和)約為52億港元，顯示該業務長遠而言應有盈利。本集團的財務表現綜合如下：

3. Financial Performance

Profit attributable to shareholders was HK\$127 million (2017: HK\$806 million) and the return on shareholders' equity was 0.9% (2017: 8.6%). The decrease in profitability mainly reflected the accounting loss due to the annuity business of HKMC Annuity Limited (**HKMCA**), a wholly-owned subsidiary of the Company, for maintaining prudent statutory reserves based on actuarial assumptions, the non-recurrence in 2018 of a one-off investment disposal gain in 2017, the decrease in exchange gains mainly arising from the revaluation of US dollar exposures in cash and debt investments, and resources utilised for supporting certain policy initiatives. Notwithstanding the reported loss on the HKMCA, the embedded value (i.e. the sum of total equity and the present value of future profits) of the HKMCA's annuity business at the end of 2018 was about HK\$5.2 billion, indicating that the business should be profitable in the long term. A summary of the Group's financial performance is set out below.

		二零一八年 ⁴ 2018 ⁴	二零一七年 2017
股東應佔溢利(百萬港元)	Profit attributable to shareholders (HK\$ million)	127	806
股東資金回報率 ¹	Return on shareholders' equity ¹	0.9%	8.6%
成本對收入比率 ²	Cost-to-income ratio ²	86.0%	26.8%
資本充足率 ³	Capital adequacy ratio ³	26.8%	21.0%

1 股東資金回報率的計算方法，為股東應佔溢利除以權益持有人應佔股本及儲備的十二個月的月底平均結餘額。

2 成本對收入比率的計算方法，為經營支出除以經營收入、申索產生淨額、已付利益、保單持有人負責變動、佣金支出淨額及徵費支出的總和。

3 資本充足率的計算方法，為資本基礎對信貸風險、市場風險和營運風險的加權風險總和的比率。

4 為方便與二零一七年的數字比較，股東應佔溢利作出調整以扣除年金公司的業績。因此，經調整的股東應佔溢利、經調整的股東資金回報率和經調整的成本對收入比率依次為5.15億港元、5.1%及36.7%。

1 Return on shareholders' equity is calculated by dividing profit attributable to shareholders with the average of twelve month-end balances of capital and reserves attributable to equity holders.

2 Cost-to-income ratio is calculated by dividing operating expenses with the sum of operating income, net claims incurred, benefits paid, movement in policyholders' liabilities, and net commission and levy expenses.

3 Capital adequacy ratio is calculated as the ratio of the capital base to the sum of the risk-weighted amount for credit risk, market risk and operational risk exposures.

4 For better comparison with the figures for 2017, profit attributable to shareholders would be adjusted to exclude the results of the HKMCA. Accordingly, the adjusted profit attributable to shareholders, the adjusted return on shareholders' equity and the adjusted cost-to-income ratio would be HK\$515 million, 5.1% and 36.7% respectively.

本集團二零一八年的收益表主要項目摘要如下：

- (a) 全年淨利息收入增加2,800萬港元至5.36億港元，主要由於預先籌措具成本效益的資金，惟有部份因到期及提早償還貸款使平均貸款組合減少而予以抵銷；
- (b) 按揭保險淨保費收入為2.22億港元（二零一七年：1.96億港元）；
- (c) 年金業務的保險相關業績淨額（即已滿期保費淨額、申索產生淨額、已付利益、保單持有人負債變動及佣金和徵費支出的總和）錄得5.50億港元虧損（二零一七年：無），主要是因為基於精算假設所需而維持審慎的法定儲備，而資本及已收保費存放於外匯基金所得的投資回報則歸於其他收入項下；
- (d) 其他收入為2.50億港元（二零一七年：4.14億港元），主要是來自存放於外匯基金所得的投資收益1.85億港元（二零一七年：無）及股息收入5,900萬港元（二零一七年：8,300萬港元）；及
- (e) 經營支出上升35.5%至4.12億港元，升幅較預算為少，主要是由於推出年金業務。

Key items in the Group's income statement for 2018 are highlighted as follows:

- (a) net interest income for the year increased by HK\$28 million to HK\$536 million, mainly due to cost-effective pre-funding, partially set off by the reduction of average loan portfolio as a result of loan repayment and prepayment;
- (b) net mortgage insurance premiums earned were HK\$222 million (2017: HK\$196 million);
- (c) net insurance-related results for annuity business (i.e. the sum of net premiums earned, net claims incurred, benefits paid, movement in policyholders' liabilities, and commission and levy expenses) recorded a loss of HK\$550 million (2017: nil), mainly attributable to the prudent statutory reserves based on actuarial assumptions, whereas investment returns on capital and premiums placed with the Exchange Fund were booked to other income;
- (d) other income was HK\$250 million (2017: HK\$414 million), mainly representing investment income of HK\$185 million (2017: nil) from placements with the Exchange Fund, and dividend income of HK\$59 million (2017: HK\$83 million); and
- (e) operating expenses rose by 35.5% to HK\$412 million, less than budget, largely attributable to the implementation of annuity business.

4. 財務狀況

於二零一八年十二月三十一日，本集團的資產總值合共625億港元。本集團財務狀況的主要變動如下：

- (a) 現金及短期資金增加41億港元至294億港元，主要是由於審慎預先籌措資金及貸款組合減少；
- (b) 投資組合微降2億港元至172億港元，當中5億港元投資於分類為以公平值變化計入損益投資的交易所買賣債券基金及房地產信託投資基金，分類為按攤銷成本投資的債務投資有115億港元，而分類為以公平值變化計入其他全面收益投資的債務投資有51億港元；
- (c) 外匯基金存款為77億港元，為年金公司的資本及已收保費投資；
- (d) 貸款組合下降14億港元至64億港元；
- (e) 未贖回債券總額增加25億港元至373億港元；
- (f) 保險負債為46億港元（二零一七年：11億港元），主因是增加了由年金業務所引起的保險負債；
- (g) 權益持有人應佔股本及儲備增加51億港元至149億港元，主要反映外匯基金於二零一八年四月為營運年金業務注資50億港元；及
- (h) 資產負債表外的主要風險，為按揭保險計劃和安老按揭計劃所承擔的風險。本集團就按揭保險計劃在轉移風險給核准再保險公司後所承擔的剩餘風險，以及就安老按揭計劃所承擔的風險，分別為197億港元（二零一七年：176億港元）及96億港元（二零一七年：69億港元）。

4. Financial Position

As at 31 December 2018, total assets of the Group amounted to HK\$62.5 billion. Key changes in the Group's financial position are as follows:

- (a) cash and short-term funds increased by HK\$4.1 billion to HK\$29.4 billion, mainly due to prudent pre-funding and rundown in loan portfolio;
- (b) investment portfolio slightly reduced by HK\$0.2 billion to HK\$17.2 billion, representing a total investment of HK\$0.5 billion in exchange-traded bond funds and in real estate investment trusts classified as investments at fair value through profit or loss, and debt investments of HK\$11.5 billion classified as amortised cost investments and of HK\$5.1 billion classified as investments at fair value through other comprehensive income;
- (c) placements with the Exchange Fund was HK\$7.7 billion as capital and premium investments of the HKMCA;
- (d) loan portfolio recorded a rundown of HK\$1.4 billion to HK\$6.4 billion;
- (e) outstanding balance of debt securities issued increased by HK\$2.5 billion to HK\$37.3 billion;
- (f) insurance liabilities were HK\$4.6 billion (2017: HK\$1.1 billion), primarily due to the increase in insurance liabilities for annuity business;
- (g) capital and reserves attributable to equity holders increased by HK\$5.1 billion to HK\$14.9 billion, mainly reflecting the share capital injection of HK\$5 billion by the Exchange Fund in April 2018 for the operation of annuity business; and
- (h) major off-balance sheet exposures were risk-in-force of the MIP and of the RMP. Exposures borne by the Group for the MIP after ceding to the approved reinsurers and for the RMP were respectively HK\$19.7 billion (2017: HK\$17.6 billion) and HK\$9.6 billion (2017: HK\$6.9 billion).

5. 資本管理

年內，為確保本集團按資本金的比例擴展其業務及資產負債表時不會產生過度風險，本集團嚴密監控資本充足程度及資金運用，並遵守財政司司長參照巴塞爾協定II以風險為本的資本充足框架下所發出的資本充足率指引（「指引」）。

根據指引，資本充足率的計算乃跟隨財務匯報的綜合基準，但扣除本公司受規管的附屬公司（即香港按證保險有限公司（「按證保險公司」）和年金公司，兩者均受保險業監管局規管的獲授權保險人，須遵守各自有關維持充足資本的法定要求）。

撇除兩間不予綜合的受規管附屬公司的投資成本後，本集團於二零一八年十二月三十一日的資本充足率保持26.8%的穩健水平，遠高於指引規定的8%最低比率。於二零一八年十二月三十一日，按證保險公司和年金公司各自的償付能力充足率依次約為42倍及34倍，遠高於保險業監管局分別規定不低於200%和150%的法定要求。

6. 本集團面對的主要風險及不明朗因素

本集團所面對的風險，為透過購買按揭貸款、按揭保險、商業貸款擔保、零售貸款融資與資本投資所得的貸款和投資組合產生的信貸風險。本集團亦於安老按揭及相關業務中面對利率、樓價及長壽風險。自二零一八年推出新設立的年金業務以來，本集團亦另外承受長壽、市場及流動資金風險。此外，本集團因促進業務營運亦面對市場風險，主要是利率風險及資產負債期滿錯配風險。

截至二零一八年十二月三十一日止年度內，所面對的風險與財務風險管理載列於財務報表附註4。

5. Capital Management

During the year, to ensure that the Group would not incur excess risk when expanding its business and balance sheet in proportion to its capital base, the Group closely monitored capital adequacy and use of capital, and complied with the Guidelines on Capital Adequacy Ratio (**Guidelines**) issued by the Financial Secretary with reference to Basel II risk-based capital adequacy framework.

In accordance with the Guidelines, the calculation of capital adequacy ratio (**CAR**) follows the basis of consolidation for financial reporting with the exclusion of regulated subsidiaries of the Company (i.e. HKMC Insurance Limited (**HKMCI**) and the HKMCA, both being authorized insurers regulated by the Insurance Authority and subject to respective statutory requirements for maintaining adequate capital).

After excluding the investment cost of these two unconsolidated regulated subsidiaries, the CAR of the Group remained solid at 26.8% as at 31 December 2018, well above the minimum ratio of 8% stipulated in the Guidelines. The respective solvency ratios of the HKMCI and the HKMCA as at 31 December 2018 were about 42 times and 34 times, well above the respective 200% and 150% minimum statutory requirements stipulated by the Insurance Authority.

6. Principal Risks and Uncertainties facing the Group

The Group is exposed to the credit risk of its loan and investment portfolios through mortgage purchase, mortgage insurance, commercial loan guarantee, funding of retail loans and capital investment. The Group is also exposed to interest rate, property price and longevity risks under the reverse mortgage and related business. Additional exposures in longevity, market and liquidity risks have been put on since the Group's launch of its new annuity business in 2018. Furthermore, the Group assumes market risk, mainly the interest rate risk and the asset-liability maturity mismatch risk, for facilitating the business operation.

The risk exposures and the financial risk management during the year ended 31 December 2018 are set out in Note 4 to the Financial Statements.

7. 本集團的環境政策與表現

年內，本集團繼續支持及實施種種環保措施，務求締造一個更環保的辦公室，並且在減少廢棄與珍惜能源方面加強員工意識。

8. 本集團對其業務有重要影響的相關法律與法規的合規情況

《保險業條例》

年內，本集團一直保持《保險業條例》下可經營保險業務的獲授權保險人身份。

《放債人條例》

年內，本集團按其營運所需，一直保持《放債人條例》相關條文的豁免。

9. 二零一八年終結後發生的、對本集團有影響的重要事件詳情

財政司司長於二零一九至二零二零年度財政預算案中公佈，延續八成信貸擔保產品的申請期至二零二零年六月底，同時為八成信貸擔保產品增設本業務審視上文第1分節所述的三項優化措施。儘管延續、優化八成信貸擔保產品及發展新業務或會增加本集團的相關營運成本，本集團將在八成信貸擔保產品營運上繼續全力支持政府，並發展新業務，以促成其核心使命和社會目標。有關任何其他相關重要事件，請亦參閱財務報表附註34。

7. The Group's Environmental Policies and Performance

During the year, the Group continued to support and implement various green measures to create a more environmentally friendly office and to raise employees' awareness of methods of waste reduction and energy conservation.

8. The Group's Compliance with Relevant Laws and Regulations that have a Significant Impact on the Group

Insurance Ordinance

During the year, the Group maintained the status of authorized insurer to operate insurance business under the Insurance Ordinance.

Money Lenders Ordinance

During the year, the Group maintained exemptions from the relevant provisions of the Money Lenders Ordinance as required for the Group's operations.

9. Particulars of Important Events affecting the Group that have occurred since end 2018

The Financial Secretary announced in the 2019-20 Budget that the application period of the 80% SFGS would be extended to the end of June 2020 together with the three enhancements to the 80% SFGS as mentioned in sub-section 1 above of this Business Review. Notwithstanding the extension and enhancement of the 80% SFGS and the development of the new businesses may increase the related operating costs of the Group, the Group will continue to render full support to the Government in administering the 80% SFGS and to develop the new businesses in the pursuit of its core missions and social objectives. Please also refer to Note 34 to the Financial Statements for any other relevant important events.

10. 本集團業務相當可能有的未來發展的揭示

本集團將繼續探索現行項目與計劃的優化機會及任何新業務計劃的可行性，並繼續執行基建融資及證券化業務計劃，務求滿足香港社會的需要，完成其核心使命。此外，本集團將繼續維持其審慎的預先籌措資金策略，隨時準備為有需要的本地銀行業界提供流動資金。

11. 本集團與其僱員及對本集團有重要影響且本集團賴以成功的交易對手的重要關係

僱員

年內，本集團一直為僱員提供具競爭力的薪酬福利、事業前景、發展機會以及健康安全的工作環境。儘管本集團的營運範圍擴大且所提供的產品漸趨繁複，但透過系統自動化和流程改革，本集團堅守着精簡、有效率的人力運用。

本集團重視員工職訓，為不斷提升員工的專業知識與技能而投放了大量資源。所有新入職員工均獲提供導引課程，協助其掌握本集團的組織架構、使命、功能與政策等基礎知識。

截至二零一八年十二月三十一日，本集團的固定僱員編制為309人(二零一七年：261人)，員工流失率為8.92%(二零一七年：8.85%)。

交易對手

截至二零一八年十二月三十一日，就其貸款與保險組合，本集團在購買按揭貸款計劃下，共有34間核准賣方與32間核准管理供款機構；在按揭保險計劃下，共有7間核准再保險公司；在小型貸款計劃下，共有4間非政府機構。此外，按揭保險計劃下共有23間參與的貸款機構，而安老按揭計劃則有9間，補價易貸款保險計劃有8間，小型貸款計劃有5間，中小企融資擔保計劃有30間。年金業務方面，截至年底，年金計劃有20間代理銀行。

10. Indication of Likely Future Developments in the Group's Business

The Group will continue to explore enhancement opportunities for current programmes and schemes, and the feasibility of any new business initiatives, and to carry out the IFS business plan, to cater for the needs of the Hong Kong community with a view to attaining its core missions. In addition, the Group will continue to maintain its prudent pre-funding strategy to stand ready to provide liquidity to the local banking sector when needed.

11. The Group's Key Relationships with Its Employees and Counterparties that have a Significant Impact on the Group and on which the Group's Success Depends

Employees

During the year, the Group continued to provide employees with competitive remuneration packages and fringe benefits, a promising career path and development opportunities, and a healthy and safe working environment. Through system automation and process re-engineering, the Group maintained a lean and efficient workforce, despite an increase in the scope of operations and the complexity of the products it offered.

The Group recognised the importance of ongoing staff training and had devoted considerable resources to the continuing enhancement of its employees' professional knowledge and skills. All new employees were provided with an induction session to provide them with a foundation of knowledge about the Group's organisational structure, missions, functions and policies.

As at 31 December 2018, the permanent staff establishment of the Group was 309 (2017: 261) and the staff turnover rate was 8.92% (2017: 8.85%).

Counterparties

With respect to its loan and insurance portfolios, as at 31 December 2018, the Group maintained a panel of 34 approved sellers and 32 approved servicers under the MPP, 7 approved reinsurers under the MIP as well as 4 non-governmental organisations under the MFS. In addition, there were 23 participating lenders under the MIP, 9 under the RMP, 8 under the PLIS, 5 under the MFS and 31 under the SFGS. In relation to the annuity business, there were 20 agent banks for the Plan at the end of the year.

債券

截至二零一八年十二月三十一日止年度內，本公司透過其60億美元多種貨幣中期債券發行計劃，發行了面值總額341億港元的債券，實收款項約340億港元。本年度發行債券所得款項均用作本集團的一般營運資金。本集團債券發行與贖回活動的概要載於財務報表附註28。

股息

考慮到業務發展的資金需求，董事局建議二零一八年不宣派股息(二零一七年：無)。

董事

年內或由年終至本報告的日期間且在即將舉行的本公司股東週年大會前的董事名單如下：

陳茂波先生 大紫荊勳賢 GBS MH JP
主席兼執行董事

陳德霖先生 GBS JP
副主席兼執行董事

余偉文先生 JP
執行董事

李令翔先生 JP
執行董事兼總裁

林健鋒先生 GBS JP
非執行董事

劉怡翔先生 JP
非執行董事(於二零一八年四月十九日獲委任)

陳帆先生 JP
非執行董事(於二零一八年四月十九日獲委任)

DEBT SECURITIES

The Company issued notes with a total nominal value of HK\$34.1 billion under its multi-currency US\$6 Billion Medium Term Note Programme for a consideration of around HK\$34 billion during the year ended 31 December 2018. The proceeds of the notes issued during the year were used for the purpose of providing general working capital for the Group. A summary of the debt securities issuance and redemption activities of the Group is set out in Note 28 to the Financial Statements.

DIVIDEND

Having considered the capital requirements for the business development, Directors recommended that no dividend be declared for 2018 (2017: Nil).

DIRECTORS

Persons who served as Directors during the year or during the period beginning with the end of the year and ending on the date of this report, but preceding the forthcoming annual general meeting of the Company, are as follows:

The Hon. Paul CHAN Mo-po, GBM, GBS, MH, JP
Chairman and Executive Director

Mr Norman CHAN Tak-lam, GBS, JP
Deputy Chairman and Executive Director

Mr Eddie YUE Wai-man, JP
Executive Director

Mr Raymond LI Ling-cheung, JP
Executive Director and Chief Executive Officer

The Hon. Jeffrey LAM Kin-fung, GBS, JP
Non-Executive Director

The Hon. James Henry LAU Jr., JP
Non-Executive Director (appointed on 19 April 2018)

The Hon. Frank CHAN Fan, JP
Non-Executive Director (appointed on 19 April 2018)

張國鈞先生 JP
非執行董事

郭榮鏗先生
非執行董事

黃玉山教授 SBS BBS JP
非執行董事

陳家強教授 GBS JP
非執行董事

施文信先生 GBS JP
非執行董事

王桂壘先生 BBS JP
非執行董事

馮婉眉女士 BBS JP
非執行董事

張亮先生
非執行董事

黃舜芬女士 (又名趙黃舜芬女士)
非執行董事 (於二零一八年五月二十三日獲委任)

吳亮星先生 SBS JP
非執行董事 (於二零一八年四月十三日退任)

郭珮芳女士
非執行董事 (於二零一八年四月十三日退任)

龔楊恩慈女士
非執行董事 (於二零一八年四月十三日退任)

藍玉權先生
非執行董事 (於二零一八年四月十三日退任)

LEE Huat-oon 先生
非執行董事 (於二零一八年四月十三日退任)

The Hon. Horace CHEUNG Kwok-kwan, JP
Non-Executive Director

The Hon. Dennis KWOK Wing-hang
Non-Executive Director

Professor WONG Yuk-shan, SBS, BBS, JP
Non-Executive Director

Professor CHAN Ka-keung Ceajer, GBS, JP
Non-Executive Director

Mr Thomas Brian STEVENSON, GBS, JP
Non-Executive Director

Mr Albert WONG Kwai Huen, BBS, JP
Non-Executive Director

Ms Anita FUNG Yuen-mei, BBS, JP
Non-Executive Director

Mr Leong CHEUNG
Non-Executive Director

Ms Estella WONG Sheun-fun (alias Mrs CHIU, Estella Sheun-fun)
Non-Executive Director (appointed on 23 May 2018)

Mr NG Leung-sing, SBS, JP
Non-Executive Director (retired on 13 April 2018)

Ms Miranda KWOK Pui-fong
Non-Executive Director (retired on 13 April 2018)

Mrs Ann KUNG YEUNG Yun-chi
Non-Executive Director (retired on 13 April 2018)

Mr Lawrence LAM Yuk-kun
Non-Executive Director (retired on 13 April 2018)

Mr LEE Huat-oon
Non-Executive Director (retired on 13 April 2018).

根據本公司的公司章程細則第109條，所有非執行董事應於即將舉行的股東週年大會上退任，惟可參選連任。

除上述董事外，年內或由年終至本報告的日期間，本集團其他成員的董事局成員為：陳德霖先生、余偉文先生、李令翔先生、張亮先生、黃舜芬女士(又名趙黃舜芬女士)、劉應彬先生、梁靜嫻女士、鮑克運先生(已辭任)、鄭文信先生、廖志強先生、鄭鑾銓先生、張少慧女士、沈施加美女士(亦為盧綺霞女士的候補董事)、盧綺霞女士(亦為沈施加美女士的候補董事)、Intertrust Directors (Cayman) Limited及金栢利秘書服務有限公司。

獲准許的彌償條文

惠及董事的獲准許的彌償條文(根據《公司條例》定義)在截至二零一八年十二月三十一日止年度內有效，且截至本報告的日期亦仍然有效。

董事於交易、安排或合約中的重大利害關係

截至二零一八年十二月三十一日止年度內，不存在亦不曾訂立本集團任何成員作為一方、對本公司業務屬重要的、且年內曾為董事的人士或其有關連實體(根據《公司條例》定義)在當中有直接或間接重大利害關係的任何交易、安排和合約。

In accordance with Article 109 of the Company's Articles of Association, all those Directors who are not Executive Directors shall retire but shall be eligible for re-election at the forthcoming annual general meeting.

Other than the Directors named above, persons who served on the boards of the other members of the Group during the year or during the period beginning with the end of the year and ending on the date of this report are Mr Norman CHAN Tak-lam, Mr Eddie YUE Wai-man, Mr Raymond LI Ling-cheung, Mr Leong CHEUNG, Ms Estella WONG Sheun-fun (alias Mrs CHIU, Estella Sheun-fun), Mr LAU Ying-pan, Ms LEUNG Ching-han, Mr POU Hak-wan (resigned), Mr Mansion CHENG Man-shun, Mr LIU Chi-keung, Mr Desmond CHENG Kam-chuen, Ms CHEUNG, Feliciana Siu Wai, Mrs SENG SZE Ka Mee Natalia (and also served as Alternate Director to Ms LO Yee Har Susan), Ms LO Yee Har Susan (and also served as Alternate Director to Mrs SENG SZE Ka Mee Natalia), Intertrust Directors (Cayman) Limited and Company Kit Secretarial Services Limited.

PERMITTED INDEMNITY

A permitted indemnity provision (as defined in the Companies Ordinance) for the benefit of the Directors was in force during the year ended 31 December 2018 and is in force as at the date of this report.

DIRECTORS' MATERIAL INTERESTS IN TRANSACTIONS, ARRANGEMENTS OR CONTRACTS

At no time during the year ended 31 December 2018, there subsisted or entered into any transaction, arrangement or contract of significance in relation to the Company's business, to which any member of the Group was a party, and in which any person who was a Director at any time during the year or a connected entity (as defined in the Companies Ordinance) of any such person had, directly or indirectly, a material interest.

核數師

財務報表已由羅兵咸永道會計師事務所審核。羅兵咸永道會計師事務所將於本公司即將舉行的股東週年大會上退任，並在符合資格的情況下將參選連任。

承董事局命

陳茂波
主席兼執行董事

香港
二零一九年四月三十日

AUDITOR

The Financial Statements have been audited by PricewaterhouseCoopers who will retire, and, being eligible, will offer themselves for reappointment, at the forthcoming annual general meeting of the Company.

On behalf of the Board of Directors

Chan Mo-po, Paul
Chairman and Executive Director

Hong Kong
30 April 2019

獨立核數師報告

Independent Auditor's Report

致香港按揭證券有限公司成員

(於香港註冊成立的有限公司)

意見

我們已審計的內容

香港按揭證券有限公司(以下簡稱「貴公司」)及其附屬公司(以下統稱「貴集團」)列載於第160至282頁的綜合財務報表，包括：

- 於二零一八年十二月三十一日的綜合財務狀況表；
- 截至該日止年度的綜合收益表；
- 截至該日止年度的綜合全面收益表；
- 截至該日止年度的綜合權益變動表；
- 截至該日止年度的綜合現金流量表；及
- 綜合財務報表附註，包括主要會計政策概要。

我們的意見

我們認為，該等綜合財務報表已根據香港會計師公會頒布的《香港財務報告準則》真實而中肯地反映了貴集團於二零一八年十二月三十一日的綜合財務狀況及其截至該日止年度的綜合財務表現及綜合現金流量，並已遵照香港《公司條例》妥為擬備。

意見的基礎

我們已根據香港會計師公會頒布的《香港審計準則》進行審計。我們在該等準則下承擔的責任已在本報告「核數師就審計綜合財務報表承擔的責任」部分中作進一步闡述。

To the Members of The Hong Kong Mortgage Corporation Limited

(incorporated in Hong Kong with limited liability)

Opinion

What we have audited

The consolidated financial statements of The Hong Kong Mortgage Corporation Limited (the “Company”) and its subsidiaries (the “Group”) set out on pages 160 to 282, which comprise:

- the consolidated statement of financial position as at 31 December 2018;
- 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; and
- the notes to the consolidated financial statements, which include a summary of significant accounting policies.

Our opinion

In our opinion, the consolidated financial statements give a true and fair view of the consolidated financial position of the Group as at 31 December 2018, and of its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with Hong Kong Financial Reporting Standards (“HKFRSs”) issued by the Hong Kong Institute of Certified Public Accountants (“HKICPA”) and have been properly prepared in compliance with the Hong Kong Companies Ordinance.

Basis for Opinion

We conducted our audit in accordance with Hong Kong Standards on Auditing (“HKSAs”) issued by the HKICPA. Our responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Consolidated Financial Statements section of our report.

我們相信，我們所獲得的審計憑證能充足及適當地為我們的審計意見提供基礎。

獨立性

根據香港會計師公會頒布的《專業會計師道德守則》（以下簡稱「守則」），我們獨立於 貴集團，並已履行守則中的其他專業道德責任。

關鍵審計事項

關鍵審計事項是根據我們的專業判斷，認為對本期綜合財務報表的審計最為重要的事項。這些事項是在我們審計整體綜合財務報表及出具意見時進行處理的。我們不會對這些事項提供單獨的意見。

我們在審計中識別的關鍵審計事項概述如下：

- 貸款組合的減值撥備
- 保險合約負債的計量

關鍵審計事項

Key Audit Matter

貸款組合的減值撥備

Impairment allowances on loan portfolios

於二零一八年十二月三十一日，本集團就6,179,353,000港元的按揭貸款組合及263,377,000港元的非按揭貸款組合，錄得666,000港元的貸款減值撥備。

As at 31 December 2018, the Group recorded loan impairment allowances of HK\$666,000 relating to the gross mortgage loan portfolio of HK\$6,179,353,000 and the gross non-mortgage loan portfolio of HK\$263,377,000.

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 HKICPA's Code of Ethics for Professional Accountants (the "Code"), and we have fulfilled our other ethical responsibilities in accordance with the Code.

Key Audit Matters

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

Key audit matters identified in our audit are summarised as follows:

- Impairment allowances on loan portfolios
- Measurement of insurance contract liabilities

我們的審計如何處理關鍵審計事項

How our audit addressed the Key Audit Matter

我們就管理層對於貸款組合的預期信貸虧損評估所作出的審計程序包括下列項目：

Our audit procedures in relation to management's expected credit losses (**ECL**) assessment on the loan portfolios included the following:

- 了解及評估與計量貸款組合的預期信貸虧損有關的內部監控；
- 對管理層就抵押品估值建立的控制之測試；

Testing of the controls that management has established over the valuation of collateral;

關鍵審計事項

Key Audit Matter

香港財務報告準則第9號「金融工具」是自二零一八年一月一日起生效的新會計準則。貴集團建立新的預期信貸虧損模型，以估計其貸款組合的減值撥備。貴集團亦已就貸款組合的減值撥備的計量建立管治程序及監控。

HKFRS 9 "Financial Instruments" is a new accounting standard effective from 1 January 2018. The Group built a new ECL model for estimating impairment allowances on its loan portfolio. The Group also established governance process and controls for the measurement of impairment allowances of the loan portfolio.

貸款組合的減值撥備是指管理層在結算日對貸款組合內預期虧損的最佳估計。貴集團就自初始確認後信貸風險大幅增加的貸款以及不良信貸的貸款乃參考合約期內之預期信貸損失計提減值撥備。良好貸款乃參考12個月的預期信貸損失計提減值撥備。該等撥備乃基於過去事件、當前狀況以及於報告日對未來事件及經濟狀況預測的合理及可證實的資料。

Impairment allowances on the loan portfolios represent management's best estimate of the expected losses within the loan portfolios as at the balance sheet date. Allowances for impairment are made for loans with significant increase in credit risk since initial recognition and for loans that are credit impaired with reference to the life time ECL. Allowances for impairment are made for performing loans with reference to the 12-month ECL. These allowances are based on reasonable and supportable information about past events, current conditions and forecasts of future events and economic conditions at the reporting date.

我們的審計如何處理關鍵審計事項

How our audit addressed the Key Audit Matter

- 通過與各個外部獨立估值報價的比較，對抵押品估值進行獨立的樣本檢查；

Performing independent sample checking of the collateral's value to various external independent valuation quotes;

- 對於自初始確認後信貸風險大幅增加的貸款及不良信貸的貸款，通過抽取貸款樣本，藉以評估該等貸款是否得以適時確認及測試相應的減值計算；

For loans with significant increase in credit risk since initial recognition and for loans that are credit impaired, assessing a sample of these loans for timely identification and for testing the corresponding impairment calculation;

- 對於良好貸款，評估所使用的模型，包括如虧損嚴重程度的估計及違約概率等主要參數；

For performing loans, assessing the models used, including key parameters such as the estimation of loss severity rates and the probability of default;

- 透過查核數據來源，測試用於計算減值撥備中所輸入的數據之準確性及完整性；及

Testing the accuracy and completeness of the inputs in the calculation of the impairment allowances by checking to source data; and

- 透過重新計算測試減值撥備的自動計算。

Testing the automatic calculation of the impairment allowances through re-performance.

我們就管理層用於計算預期減值的管理層判斷，獲取得相關憑證支持。

We found that management's judgements used in calculating the expected impairment were supported by the evidence obtained.

關鍵審計事項**Key Audit Matter**

此審計重點集中於貸款減值撥備，因為決定預期減值及其相關撥備的估算，本質上涉及管理層的重大判斷。

The audit focused on loan impairment allowances because both the determination of the expected impairment and the underlying calculations are inherently subject to significant judgement by management.

相關參考載於綜合財務報表內附註19。

The relevant reference in the consolidated financial statements is note 19.

保險合約負債的計量**Measurement of insurance contract liabilities**

香港年金有限公司（貴公司之全資附屬公司）已於二零一八年七月推出香港年金計劃，於截至二零一八年十二月三十一日止年度已簽發的保險合約之保費為27.80億港元。根據香港財務報告準則第4號「保險合約」及香港保險監管要求，簽發香港年金計劃下保單導致貴集團於綜合財務狀況表內確認保險合約負債。已確認負債為32.84億港元，約佔貴集團於二零一八年十二月三十一日綜合負債總額的7%。

HKMC Annuity Limited (a wholly-owned subsidiary of the Company) has launched the HKMC Annuity Plan (the "Plan") in July 2018 and it has issued insurance contracts with premiums amounting to HK\$2,780 million for the year ended 31 December 2018. The issuance of the policies under the Plan has given rise to the recognition of insurance contract liabilities on the consolidated statement of financial position of the Group based on HKFRS 4 "Insurance Contracts" and the Hong Kong insurance regulatory requirements. The liabilities recognised amounted to HK\$3,284 million, being approximately 7% of the total consolidated liabilities of the Group as at 31 December 2018.

我們的審計如何處理關鍵審計事項**How our audit addressed the Key Audit Matter**

我們亦就管理層用以計算不同系列的貸款減值撥備的模型及假設，獲取得相關憑證支持。

We also found that the models and assumptions used in calculating the impairment allowances on the loan portfolios were supported by the available evidence.

我們就保險合約負債的計量所作出的審計程序包括下列項目：

Our audit procedures in relation to the measurement of insurance contract liabilities included the following:

- 評估人壽保險合約負債估值精算過程的內部控制。

Evaluating the internal controls over the actuarial process of the valuation of life insurance contract liabilities.

在羅兵咸永道會計師事務所精算專家的參與下，我們對保險合約負債進行了以下程序：

With the involvement of our PwC actuarial experts, we have carried out the following procedures in relation to the insurance contract liabilities:

- 評估所採用的方法是否符合香港保險監管要求；

Assessing the appropriateness of the methodologies adopted against the Hong Kong insurance regulatory requirements;

關鍵審計事項

Key Audit Matter

保險合約負債的估值需要使用適當的精算方法、各種投資回報及操作假設，以上這些因素均涉及管理層的高程度判斷。因此，我們認為此屬關鍵審計事項。於資產負債表日，保單持有人未來給付的估計存在根本不確定性。用於計量與香港年金計劃相關的保險合約負債的主要假設包括估值利率及死亡率。

The valuation of insurance contract liabilities requires the use of appropriate actuarial methodologies, and also various investments return and operational assumptions that are subject to a high degree of management's judgement. Therefore, this is identified as a key audit matter in our audit. There are inherent uncertainties in the estimation of future policyholder benefits as at the balance sheet date. The key assumptions used in measuring the insurance contract liabilities related to the Plan include valuation interest rates and mortality rates.

相關參考載於綜合財務報表內附註27。

The relevant reference in the consolidated financial statements is note 27.

我們的審計如何處理關鍵審計事項

How our audit addressed the Key Audit Matter

- 評估所使用的主要假設(包括估值利率及死亡率)的合理性，以及管理層所作判斷的根據；及

Assessing the reasonableness of the key assumptions used including the valuation interest rate and mortality rates, and management's rationale for the judgment applied; and

- 評估保險合約負債整體的合理性。

Evaluating the overall reasonableness of the insurance contract liabilities.

根據已完成的工作，我們認為保險合約負債估值所用的主要假設及方法均屬恰當。

Based on the work performed, we considered the key assumptions and methodologies appropriate for the valuation of the insurance contract liabilities.

其他信息

貴公司董事須對其他信息負責。其他信息包括年報內的所有信息，但不包括綜合財務報表及我們的核數師報告。

我們對綜合財務報表的意見並不涵蓋其他信息，我們亦不對該等其他信息發表任何形式的鑒證結論。

結合我們對綜合財務報表的審計，我們的責任是閱讀其他信息，在此過程中，考慮其他信息是否與綜合財務報表或我們在審計過程中所了解的情況存在重大抵觸或者似乎存在重大錯誤陳述的情況。

基於我們已執行的工作，如果我們認為其他信息存在重大錯誤陳述，我們需要報告該事實。在這方面，我們沒有任何報告。

董事及審計委員會就綜合財務報表須承擔的責任

貴公司董事須負責根據香港會計師公會頒布的《香港財務報告準則》及香港《公司條例》擬備真實而中肯的綜合財務報表，並對其認為為使綜合財務報表的擬備不存在由於欺詐或錯誤而導致的重大錯誤陳述所需的內部控制負責。

在擬備綜合財務報表時，董事負責評估 貴集團持續經營的能力，並在適用情況下披露與持續經營有關的事項，以及使用持續經營為會計基礎，除非董事有意將 貴集團清盤或停止經營，或別無其他實際的替代方案。

審計委員會須負責監督 貴集團的財務報告過程。

Other Information

The directors of the Company are responsible for the other information. The other information comprises all of the information included in the annual report, but does not include the consolidated financial statements and our auditor's report thereon.

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

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of Directors and the Audit Committee for the Consolidated Financial Statements

The directors of the Company are responsible for the preparation of the consolidated financial statements that give a true and fair view in accordance with HKFRSs issued by the HKICPA and the Hong Kong Companies Ordinance, and for such internal control as the directors determine is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, the directors are responsible for assessing the Group'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 the directors either intend to liquidate the Group or to cease operations, or have no realistic alternative but to do so.

The Audit Committee is responsible for overseeing the Group's financial reporting process.

核數師就審計綜合財務報表承擔的責任

我們的目標，是對綜合財務報表整體是否不存在由於欺詐或錯誤而導致的重大錯誤陳述取得合理保證，並出具包括我們意見的核數師報告。我們僅按照香港《公司條例》第405條向閣下（作為整體）報告我們的意見，除此之外本報告別無其他目的。我們不會就本報告的內容向任何其他人士負上或承擔任何責任。合理保證是高水平的保證，但不能保證按照《香港審計準則》進行的審計，在某一重大錯誤陳述存在時總能發現。錯誤陳述可以由欺詐或錯誤引起，如果合理預期它們單獨或匯總起來可能影響綜合財務報表使用者依賴綜合財務報表所作出的經濟決定，則有關的錯誤陳述可被視作重大。

在根據《香港審計準則》進行審計的過程中，我們運用了專業判斷，保持了專業懷疑態度。我們亦：

- 識別和評估由於欺詐或錯誤而導致綜合財務報表存在重大錯誤陳述的風險，設計及執行審計程序以應對這些風險，以及獲取充足和適當的審計憑證，作為我們意見的基礎。由於欺詐可能涉及串謀、偽造、蓄意遺漏、虛假陳述，或凌駕於內部控制之上，因此未能發現因欺詐而導致的重大錯誤陳述的風險高於未能發現因錯誤而導致的重大錯誤陳述的風險。
- 了解與審計相關的內部控制，以設計適當的審計程序，但目的並非對貴集團內部控制的有效性發表意見。
- 評價董事所採用會計政策的恰當性及作出會計估計和相關披露的合理性。

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated 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. We report our opinion solely to you, as a body, in accordance with Section 405 of the Hong Kong Companies Ordinance and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with HKSA's 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 financial statements.

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

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.

- 對董事採用持續經營會計基礎的恰當性作出結論。根據所獲取的審計憑證，確定是否存在與事項或情況有關的重大不確定性，從而可能導致對 貴集團的持續經營能力產生重大疑慮。如果我們認為存在重大不確定性，則有必要在核數師報告中提醒使用者注意綜合財務報表中的相關披露。假若有關的披露不足，則我們應當發表非無保留意見。我們的結論是基於核數師報告日止所取得的審計憑證。然而，未來事項或情況可能導致 貴集團不能持續經營。
- 評價綜合財務報表的整體列報方式、結構和內容，包括披露，以及綜合財務報表是否中肯反映交易和事項。
- 就 貴集團內實體或業務活動的財務信息獲取充足、適當的審計憑證，以便對綜合財務報表發表意見。我們負責 貴集團審計的方向、監督和執行。我們為審計意見承擔全部責任。
- Conclude on the appropriateness of the directors' 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'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 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 to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated 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.

除其他事項外，我們與審計委員會溝通了計劃的審計範圍、時間安排、重大審計發現等，包括我們在審計中識別出內部控制的任何重大缺陷。

We communicate with the Audit Committee 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.

從與審計委員會溝通的事項中，我們確定哪些事項對本期綜合財務報表的審計最為重要，因而構成關鍵審計事項。我們在核數師報告中描述這些事項，除非法律法規不允許公開披露這些事項，或在極端罕見的情況下，如果合理預期在我們報告中溝通某事項造成的負面後果超過產生的公眾利益，我們決定不應在報告中溝通該事項。

From the matters communicated with the Audit Committee, we determine those matters that were of most significance in the audit of the consolidated 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.

羅兵咸永道會計師事務所
執業會計師

PricewaterhouseCoopers
Certified Public Accountants

香港，二零一九年四月三十日

Hong Kong, 30 April 2019

綜合收益表

Consolidated Income Statement

截至二零一八年十二月三十一日止年度
for the year ended 31 December 2018

		附註 Notes	2018 千港元 HK\$'000	2017 千港元 HK\$'000
利息收入	Interest income	7	1,229,710	902,333
利息支出	Interest expense	8	(693,501)	(394,755)
淨利息收入	Net interest income		536,209	507,578
已滿期保費淨額	Net premiums earned	9	3,157,652	352,414
其他收入	Other income	10	249,633	414,484
經營收入	Operating income		3,943,494	1,274,476
申索產生淨額、已付利益及 保單持有人負債變動	Net claims incurred, benefits paid and movement in policyholders' liabilities	9	(3,321,037)	(641)
佣金支出淨額及徵費支出	Net commission and levy expenses	9	(142,991)	(140,454)
經營支出	Operating expenses	11	(412,388)	(304,196)
未計減值前的經營溢利	Operating profit before impairment		67,078	829,185
減值撥備	Charge of impairment allowances	14	(134)	(453)
除稅前溢利	Profit before taxation		66,944	828,732
稅項	Taxation	15(a)	59,614	(22,337)
本年度溢利	Profit for the year		126,558	806,395

第166至282頁所載附註為綜合財務報表的一部分。

The notes on pages 166 to 282 are an integral part of these consolidated financial statements.

綜合全面收益表

Consolidated Statement of Comprehensive Income

截至二零一八年十二月三十一日止年度
for the year ended 31 December 2018

	附註 Notes	2018 千港元 HK\$'000	2017 千港元 HK\$'000
本年度溢利	Profit for the year	126,558	806,395
其他全面收益：	Other comprehensive income:		
其後可能重新分類至損益的項目：	Items that are or may be reclassified subsequently to profit or loss:		
可供出售證券：	Available-for-sale securities:		
— 未變現收益淨額	— net unrealised gains	—	191,162
— 出售時公平值變動撥入收益表	— fair value changes transferred to income statement on disposal	13	(83,161)
— 稅項	— tax effect	15(b)	17,195
以公平值變化計入其他全面收益的債務證券：	Debt securities at fair value through other comprehensive income:		
— 公平值變動	— change in the fair value	(7,182)	—
— 虧損撥備變動	— change in the loss allowance	14	14
本年度其他全面(虧損)/收益，已扣除稅項	Other comprehensive (loss)/income for the year, net of tax	(7,168)	125,196
本年度全面收益總額	Total comprehensive income for the year	119,390	931,591

第166至282頁所載附註為綜合財務報表的一部分

The notes on pages 166 to 282 are an integral part of these consolidated financial statements.

綜合財務狀況表

Consolidated Statement of Financial Position

於二零一八年十二月三十一日
as at 31 December 2018

		附註 Notes	2018 千港元 HK\$'000	2017 千港元 HK\$'000
資產	ASSETS			
現金及短期資金	Cash and short-term funds	16	29,390,855	25,278,190
應收利息及匯款	Interest and remittance receivables	17	437,919	343,978
衍生金融工具	Derivative financial instruments	18	161,047	333,727
貸款組合淨額	Loan portfolio, net	19	6,442,064	7,829,441
證券投資：	Investment securities:			
— 以公平值變化計入其他 全面收益	— fair value through other comprehensive income	20(a)	5,091,664	—
— 以公平值變化計入損益	— fair value through profit or loss	20(b)	543,612	—
— 按攤銷成本列賬	— amortised cost	20(c)	11,546,833	—
— 可供出售	— available-for-sale	20(d)	—	7,138,662
— 持有至到期	— held-to-maturity	20(e)	—	10,347,834
外匯基金存款	Placements with the Exchange Fund	21	7,734,934	—
預付款項、按金及其他資產	Prepayments, deposits and other assets	23	829,491	67,154
固定資產	Fixed assets	24	53,766	34,329
遞延稅項資產	Deferred tax assets	15(b)	77,866	295
再保險資產	Reinsurance assets	27	171,518	164,601
資產總額	Total assets		62,481,569	51,538,211
負債	LIABILITIES			
應付利息	Interest payable	25	257,468	192,133
應付賬項、應付開支及 其他負債	Accounts payable, accrued expenses and other liabilities	26	5,061,679	5,363,263
衍生金融工具	Derivative financial instruments	18	264,386	119,064
當期稅項負債	Current tax liabilities	15(b)	104,077	116,288
保險負債	Insurance liabilities	27	4,607,373	1,130,150
已發行債務證券	Debt securities issued	28	37,292,877	34,840,706
負債總額	Total liabilities		47,587,860	41,761,604
權益	EQUITY			
權益持有人應佔股本及 儲備：	Capital and reserves attributable to the equity holders:			
股本	Share capital	29	7,000,000	2,000,000
保留溢利	Retained profits		6,263,342	5,889,254
風險儲備	Contingency reserve		1,632,818	1,679,837
公平值儲備	Fair value reserve		(2,451)	207,516
權益總額	Total equity		14,893,709	9,776,607
負債及權益總額	Total liabilities and equity		62,481,569	51,538,211

董事局已於二零一九年四月三十日批准及授權刊行。

Approved and authorised for issue by the Board of Directors on 30 April 2019.

陳德霖

Norman T. L. Chan

李令翔

Raymond L. C. Li

副主席兼執行董事 Deputy Chairman and Executive Director

執行董事兼總裁

Executive Director and Chief Executive Officer

第166至282頁所載附註為綜合財務報表的一部分。

The notes on pages 166 to 282 are an integral part of these consolidated financial statements.

綜合權益變動表

Consolidated Statement of Changes in Equity

截至二零一八年十二月三十一日止年度
for the year ended 31 December 2018

		股本 Share capital 千港元 HK\$'000	保留溢利 Retained profits 千港元 HK\$'000	風險儲備 Contingency reserve 千港元 HK\$'000	公平值儲備 Fair value reserve 千港元 HK\$'000	總額 Total 千港元 HK\$'000
於二零一七年一月一日結餘	Balance as at 1 January 2017	2,000,000	5,023,307	1,739,389	82,320	8,845,016
本年度溢利	Profit for the year	-	806,395	-	-	806,395
其他全面收益	Other comprehensive income	-	-	-	125,196	125,196
本年度全面收益總額	Total comprehensive income for the year	-	806,395	-	125,196	931,591
由保留溢利撥入已滿期風險保費淨額的50%或75%至風險儲備	Transfer of 50% or 75% of net risk premium earned from retained profits to contingency reserve	-	(200,730)	200,730	-	-
由風險儲備撥回至保留溢利	Release of contingency reserve to retained profits	-	260,282	(260,282)	-	-
於二零一七年十二月三十一日結餘	Balance as at 31 December 2017	2,000,000	5,889,254	1,679,837	207,516	9,776,607
採納香港財務報告準則第9號的變動(附註3.1)	Changes on adoption of HKFRS 9 (Note 3.1)	-	200,511	-	(202,799)	(2,288)
於二零一八年一月一日經重列結餘	Restated balance as at 1 January 2018	2,000,000	6,089,765	1,679,837	4,717	9,774,319
本年度溢利	Profit for the year	-	126,558	-	-	126,558
其他全面收益	Other comprehensive income	-	-	-	(7,168)	(7,168)
本年度全面收益總額	Total comprehensive income for the year	-	126,558	-	(7,168)	119,390
注資(附註29)	Capital injection (Note 29)	5,000,000	-	-	-	5,000,000
由保留溢利撥入已滿期風險保費淨額的50%或75%至風險儲備	Transfer of 50% or 75% of net risk premium earned from retained profits to contingency reserve	-	(209,261)	209,261	-	-
由風險儲備撥回至保留溢利	Release of contingency reserve to retained profits	-	256,280	(256,280)	-	-
於二零一八年十二月三十一日結餘	Balance as at 31 December 2018	7,000,000	6,263,342	1,632,818	(2,451)	14,893,709

第166至282頁所載附註為綜合財務報表的一部分。

The notes on pages 166 to 282 are an integral part of these consolidated financial statements.

綜合現金流量表

Consolidated Statement of Cash Flows

截至二零一八年十二月三十一日止年度
for the year ended 31 December 2018

	附註 Notes	2018 千港元 HK\$'000	2017 千港元 HK\$'000
經營業務之現金流量			
經營溢利		66,944	828,732
就以下各項作出的調整：			
利息收入		(1,243,385)	(924,105)
利息支出		632,864	355,859
股息收入	10	(58,626)	(82,878)
來自外匯基金存款的收益			
折舊	10	(184,934)	–
已發行債務證券折讓攤銷	11	19,371	14,415
減值撥備			
證券投資溢價攤銷	14	60,637	38,896
		134	453
以公平值變化計入損益的 投資虧損淨額	10	13,675	21,772
金融工具公平值變動			
出售按攤銷成本列賬的投資 收益淨額	10	13,500	–
出售可供出售投資的 收益淨額	13	(10,947)	2,661
出售固定資產的收益			
已收利息		(192)	–
已付利息		–	(163,538)
			(1)
		1,148,331	949,834
		(567,529)	(381,879)
未計經營資產及負債變動前 經營業務所得現金流量		(110,157)	660,221
原到期日超過三個月的定期 存款變動			
應收匯款變動		(4,422,000)	7,520,837
預付款項、按金及其他 資產變動		1,113	(10,298)
貸款組合變動		(762,688)	290,684
應付賬項、應付開支及其他 負債變動		1,387,357	1,704,067
保險負債淨額變動		(301,584)	134,870
匯兌差額		3,470,306	63,026
		(11,553)	(122,758)
經營業務(使用)/產生之現金 (已付)/已退還稅項		(749,206)	10,240,649
		(29,817)	1,417
經營業務(使用)/產生之 現金淨額		(779,023)	10,242,066

			2018 千港元 HK\$'000	2017 千港元 HK\$'000
	附註 Notes			
投資活動之現金流量		Cash flows from investing activities		
購買固定資產	24	Purchase of fixed assets	(38,808)	(30,217)
購買以公平值變化計入其他 全面收益的證券投資		Purchase of investment securities at fair value through other comprehensive income	(1,307,246)	–
購買以公平值變化計入損益的 證券投資	20(a)	Purchase of investment securities at fair value through profit or loss	(16,644)	–
購買按攤銷成本列賬的 證券投資	20(b)	Purchase of investment securities at amortised cost	(1,855,361)	–
購買可供出售證券投資	20(c)	Purchase of available-for-sale investment securities	–	(3,144,426)
購買持有至到期證券投資	20(d)	Purchase of held-to-maturity investment securities	–	(3,112,996)
出售及贖回證券投資所得款項	20(e)	Proceeds from sale and redemption of investment securities	3,465,235	6,039,777
外匯基金存款	21	Placements with the Exchange Fund	(7,550,000)	–
出售固定資產所得款項		Proceeds from disposal of fixed assets	–	1
已收上市投資股息		Dividend received from listed investments	58,626	82,878
投資活動使用之現金淨額		Net cash used in investing activities	(7,244,198)	(164,983)
融資活動前現金(流出)/流入 淨額		Net cash (outflows)/inflows before financing	(8,023,221)	10,077,083
融資活動之現金流量		Cash flows from financing activities		
銀行借款所得款項		Proceeds from bank borrowings	27,467,772	43,250,917
償還銀行借款		Repayment of bank borrowings	(27,467,772)	(43,250,917)
發行債務證券所得款項	28	Proceeds from issue of debt securities	34,006,865	28,397,542
贖回已發行債務證券	28	Redemption of debt securities issued	(31,289,536)	(29,509,026)
注資所得款項	29	Proceeds from capital injection	5,000,000	–
融資活動產生/(使用)之現金 淨額		Net cash generated from/(used in) financing activities	7,717,329	(1,111,484)
現金及等同現金項目 (減少)/增加淨額		Net (decrease)/increase in cash and cash equivalents	(305,892)	8,965,599
年初現金及等同現金項目		Beginning cash and cash equivalents	15,086,190	6,102,834
匯率對現金及等同現金項目 影響		Effect of exchange rates on cash and cash equivalents	(2,497)	17,757
年終現金及等同現金項目	16	Ending cash and cash equivalents	14,777,801	15,086,190

第166至282頁所載附註為綜合財務報表的一部分。

The notes on pages 166 to 282 are an integral part of these consolidated financial statements.

綜合財務報表附註

Notes to the Consolidated Financial Statements

1. 編製基準

香港按揭證券有限公司(本公司)及其附屬公司(統稱**本集團**)的綜合財務報表,是按照由香港會計師公會頒布的香港財務報告準則(包括所有適用的個別香港財務報告準則、香港會計準則及詮釋)、香港公認的會計原則與香港《公司條例》的規定編製。

本綜合財務報表按歷史成本慣例編製,並已就以公平值列賬的金融資產及金融負債(包括衍生金融工具)的重估作出調整。

除另行陳述外,編製此綜合財務報表所應用的會計政策及計算方法,與以往呈報的所有年度所應用的貫徹一致。

編製符合香港財務報告準則的財務報表時,須採用若干關鍵會計估計,而管理層應用本集團會計政策時亦須自行作出判斷。涉及大量判斷或較複雜的範疇、或假設及估計對綜合財務報表屬重要的範疇,已在附註5披露。

1. Basis of preparation

The consolidated financial statements of The Hong Kong Mortgage Corporation Limited (**Company**) and its subsidiaries (collectively the **Group**) have been prepared in accordance with Hong Kong Financial Reporting Standards ((HKFRSs) which is a collective term and includes all applicable individual Hong Kong Financial Reporting Standards (HKFRS), Hong Kong Accounting Standards (HKASs) and Interpretations) issued by the Hong Kong Institute of Certified Public Accountants, accounting principles generally accepted in Hong Kong and the requirements of the Hong Kong Companies Ordinance.

The consolidated financial statements have been prepared under the historical cost convention, as modified by the revaluation of financial assets and financial liabilities (including derivative financial instruments) carried at fair value.

The accounting policies and the methods of computation used in the preparation of these consolidated financial statements are consistently applied to all the years presented, unless otherwise stated.

The preparation of financial statements in conformity with HKFRSs 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 consolidated financial statements, are disclosed in Note 5.

2. 主要會計政策**2.1. 採納香港財務報告準則****(a) 於二零一八年一月一日起生效的新準則及修訂**

- 香港財務報告準則第9號「金融工具」

本集團已採納香港財務報告準則第9號，過渡日期為二零一八年一月一日。根據香港財務報告準則第9號的過渡性條文，比較數字並無重列。有關會計政策變動影響的詳情於附註3披露。

- 香港財務報告準則第15號「與客戶訂約帶來之收入」

香港財務報告準則第15號自二零一八年一月一日起生效，取代香港會計準則第18號「收入」。香港財務報告準則第15號在概念上與香港會計準則第18號類似，但包括有關如何確認及計量收入的更精細指引，並引入額外的披露要求。本集團對新準則進行了評估，並認為毋須更改現行會計政策藉以附合新準則，並且對保留溢利無過渡性的影響。

於二零一八年生效的其他準則對本集團並無重大影響。

2. Summary of significant accounting policies**2.1. Adoption of HKFRSs****(a) New and amended standards effective on 1 January 2018**

- HKFRS 9 “Financial Instruments”

The Group has adopted HKFRS 9 with a date of transition of 1 January 2018. In accordance with the transitional provisions of HKFRS 9, comparative figures have not been restated. The details on the impact of the change in accounting policies are disclosed in Note 3.

- HKFRS 15 “Revenue from Contracts with Customers”

HKFRS 15 is effective from 1 January 2018 and replaces HKAS 18 “Revenue”. HKFRS 15 is conceptually similar to HKAS 18, but includes more granular guidance on how to recognise and measure revenue, and also introduces additional disclosures requirements. The Group performed an assessment of the new standard and concluded that changes to current accounting policies were not required in order to comply with the new standard, and there is no transitional impact to retained profits.

The other standards effective in 2018 have no material impact on the Group.

(b) 已頒布但尚未生效的新準則及修訂

若干新準則及修訂於二零一八年一月一日起的年度後才開始生效，故並未在編制綜合財務報表時所採用。除了下列所述外，其餘的新準則及修訂預期不會對本集團之綜合財務報表產生重大的影響：

- 香港財務報告準則第16號「租賃」，列出租賃的確認、計量、呈列和披露的原則。準則引入單一的承租人會計模式，要求承租人需要為所有租期超過12個月的租賃，確認資產和負債，除非租賃的資產價值很低。承租人必須確認其可使用資產，代表有使用該租賃資產的權利；同時也需確認其租賃負債，代表有責任作出租賃付款。隨著經營及融資租約的區別被除去，香港財務報告準則第16號，將引致近乎所有租約於財務狀況報表被確認。香港財務報告準則第16號，大體上秉承香港會計準則第17號「租賃」對出租人的會計要求。據此，出租人繼續將其租賃歸類為經營租賃和融資租賃，並以不同的入賬方式處理這兩類租賃。

(b) New standards and amendments issued but not yet effective

A number of new standards and amendments to standards are effective for annual periods beginning after 1 January 2018, 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:

- HKFRS 16 "Leases" sets out the principles for the recognition, measurement, presentation and disclosure of leases. The standard introduces a single lessee accounting model and requires a lessee to recognise assets and liabilities for all leases with a term of more than 12 months, unless the underlying asset is of low value. A lessee is required to recognise a right-of-use asset representing its right to use the underlying leased asset and a lease liability representing its obligation to make lease payments. HKFRS 16 will result in almost all leases being recognised on the statement of financial position, as the distinction between operating and finance leases is removed. HKFRS 16 substantially carries forward the lessor accounting requirements in HKAS 17 "Leases". Accordingly, a lessor continues to classify its leases as operating leases or finance leases, and to account for those two types of leases differently.

此項準則將主要影響本集團經營租約的會計。於報告日，本集團擁有不可註銷的經營租約承諾為103,510,000港元(附註31)。於首次採納香港財務報告準則第16號時，本集團預期於二零一九年一月一日確認使用權資產約為1.06億港元及相應的租賃負債9,700萬港元(已計及折現的影響)。準則於二零一九年一月一日或以後開始的會計期間生效。本集團將於二零一九年該準則生效時應用該準則，而不會重列比較資料。本集團將對二零一九年一月一日的保留溢利期初餘額確認任何過渡調整。

- 香港財務報告準則第17號「保險合約」確立一套全面的環球保險準則，其就保險合約的確認、計量、呈列及披露提供指引。該準則要求實體按現行實現價值計量保險合約負債。本集團尚未評估此項準則對其財務狀況及經營結果的全面影響。此項準則由二零二一年一月一日或以後開始的年度生效，除非實際不可行，需追溯應用及重列比較數字。在此階段，本集團於生效日期前不計劃採納此準則。

預計沒有其他尚未生效的香港財務報告準則會對本集團產生重大影響。

The standard will affect primarily the accounting for the Group's operating leases. As at the reporting date, the Group has non-cancellable operating lease commitments of HK\$103,510,000 (Note 31). Upon the initial adoption of HKFRS 16, the Group expects to recognise approximately right-of-use assets of around HK\$106 million and the corresponding lease liabilities of HK\$97 million, taking into account the effects of discounting, on 1 January 2019. The standard is effective for accounting periods beginning on or after 1 January 2019. The Group will apply the standard when it becomes effective in 2019 without restating comparative information. The Group will recognise any transition adjustments against the opening balance of retained profits at 1 January 2019.

- HKFRS 17 "Insurance Contracts" establishes a comprehensive global insurance standard which provides guidance on the recognition, measurement, presentation and disclosures of insurance contracts. The standard requires entities to measure insurance contract liabilities at their current fulfilment values. The Group is yet to assess the full impact of the standard on its financial position and results of operations. The new standard is effective for annual periods beginning on or after 1 January 2021 and will be applied retrospectively with restatement of comparatives unless impracticable. At this stage, the Group does not intend to adopt the standard before its effective date.

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

2.2. 綜合賬目

綜合財務報表包括本公司及其所有附屬公司截至二零一八年十二月三十一日的財務報表。

附屬公司指所有本集團有控制權的公司(包括用以發行按揭證券的結構公司香港按揭證券融資(第一)有限公司及Bauhinia MBS Limited)。當本集團透過參與公司運作而獲得或承受不固定回報，並能夠行使其權力影響該等回報，本集團被視為控制該公司。附屬公司自控制權轉移至本集團當日起被全面綜合入賬，並自該控制權終止當日停止綜合入賬。

本集團成員公司間的交易、結餘及未變現交易收益會相互對銷。除非有證據顯示交易中所轉讓資產出現減值，否則未變現虧損亦應予以對銷。如有需要，附屬公司的會計政策需作出調整，以確保與本集團所採用的政策一致。

當本集團失去附屬公司的控制權時，會被視為出售該附屬公司的全部權益處理，而由此產生的收益或虧損會在損益內確認。

在本公司的財務狀況表中，於附屬公司的投資按成本扣減任何減值撥備列賬。附屬公司之業績由本公司按已收及應收股息記入本公司賬目。

2.2. Consolidation

The consolidated financial statements include the financial statements of the Company and all its subsidiaries made up to 31 December 2018.

Subsidiaries are all entities (including structured entities used for issuing mortgage-backed securities, namely HKMC Funding Corporation (1) Limited and Bauhinia MBS Limited) over which the Group has control. The Group controls an entity when the Group is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. Subsidiaries are fully consolidated from the date on which control is transferred to the Group. They are de-consolidated from the date that control ceases.

Inter-company transactions, balances and unrealised gains on transactions between group companies are eliminated. Unrealised losses are also eliminated unless the transaction provides evidence of impairment of the asset transferred. Accounting policies of the subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Group.

When the Group loses control of a subsidiary, it is accounted for as a disposal of the entire interests in that subsidiary, with a resulting gain or loss being recognised in profit or loss.

In the Company's statement of financial position, the investment in the subsidiaries is stated at cost less provision for impairment allowances. The results of the subsidiaries are accounted for by the Company on the basis of dividends received and receivable.

2.3. 利息收入及支出

所有付息金融工具之利息收入及支出均採用實際利息法於收益表內確認。

實際利息法是一種計算金融資產或金融負債之攤銷成本、以及攤分有關期間之利息收入或利息支出的方法。實際利率指於金融工具之預計年期或較短時間(如適用)，將估計未來現金支出或收入準確折現至金融資產或金融負債賬面淨值的利率。計算實際利率時，本集團會考慮金融工具的所有合約條款以估計現金流量，但不會計及未來信貸虧損。計算範圍包括訂約雙方已支付或已收取且屬於實際利率不可分割一部分的一切費用，以及交易成本及所有其他溢價或折讓。

當一項金融資產或一組同類金融資產因出現減值虧損而撇減其價值時，將按計算減值虧損時用以折現未來現金流量的利率確認利息收入。

2.4. 其他收入(附註2.21所述由保險與擔保合約所產生的除外)**(a) 費用收入**

費用通常於提供服務時以應計基準確認。屬於實際利率不可分割一部分的前期安排手續費作為對釐定貸款利息收入實際利率的調整確認。

2.3. Interest income and expense

Interest income and expense are recognised in the income statement for all interest bearing financial instruments using the effective interest method.

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

Once a financial asset or a group of similar financial assets has been written down as a result of an impairment loss, interest income is recognised using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss.

2.4. Other income other than those arising from insurance and guarantee contracts under Note 2.21**(a) Fee income**

Fees are generally recognised on an accrual basis when the service has been provided. Upfront arrangement fees that are an integral part of the effective interest rate are recognised as an adjustment to the effective interest rate in determining interest income on the loans.

(b) 股息收入

股息收入於取得獲派股息權利時確認。

(c) 來自外匯基金存款的收益

外匯基金存款分類為「以公平值變化計入損益的金融資產」，其公平值變動於所產生年度確認為收入。

(b) Dividend income

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

(c) Income from placements with the Exchange Fund

Changes in fair value of the placements with the Exchange Fund classified as “financial assets at fair value through profit or loss” is recognised as income in the year in which they arise.

2.5. 金融資產

(a) 分類

自二零一八年一月一日起，本集團將其金融資產分類為以下計量類別：

- 以公平值作後續計量(計入其他全面收益或計入損益)；及
- 按攤銷成本計量。

分類取決於公司管理金融資產的業務模式及其合約條款內的現金流量。

對於按公平值計量的資產，收益及虧損將記入損益或其他全面收益。對於債務工具的投資，則取決於持有投資的業務模式。

本集團已將外匯基金存款分類為以公平值變化計入損益的金融資產。

2.5. Financial assets

(a) Classification

From 1 January 2018, 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), and
- those to be measured at amortised cost.

The classification depends on the entity’s business model 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 debt instruments, this will depend on the business model in which the investment is held.

The Group has classified the placements with the Exchange Fund as financial asset at fair value through profit or loss.

僅當其管理該等資產的業務模式發生變動時，本集團方會對證券投資進行重新分類。

(b) 計量

於初始確認時，本集團按其公平值計量金融資產，如金融資產並非以公平值變化計入損益，則加上收購該金融資產的直接所引起的交易成本。以公平值變化計入損益的金融資產的交易成本於損益列作支出。

在確定含有嵌入式衍生工具的金融資產的現金流量是否僅為支付本金及利息時，將會視作整體考慮。

金融資產的後續計量取決於本集團管理資產的業務模式及資產的現金流量特徵。本集團將其金融資產分類為三個計量類別：

- 攤銷成本：為收取合約現金流量而持有的資產，而該等現金流量僅代表支付本金及利息，則按攤銷成本計量。當債務投資於後續計量為按攤銷成本計量，且並非為對沖關係的一部分，該資產於終止確認或減值時所產生的收益或虧損於損益中確認。

The Group reclassifies investment securities when and only when its business model for managing those assets changes.

(b) Measurement

At initial recognition, the Group measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs that are directly attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at fair value through profit or loss are expensed in profit or loss.

Financial assets with embedded derivatives are considered in their entirety when determining whether their cash flows are solely payment of principal and interest.

Subsequent measurement of financial assets depends on the Group's business model for managing the asset and the cash flow characteristics of the asset. There are three measurement categories into which the Group classifies its financial assets:

- 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. A gain or loss on a debt investment that is subsequently measured at amortised cost and is not part of a hedging relationship is recognised in profit or loss when the asset is derecognised or impaired.

- 以公平值變化計入其他全面收益：為收取合約現金流量及出售金融資產而持有的資產，而該的現金流量僅代表支付本金及利息，則按以公平值變化計入其他全面收益計量。賬面值之變動乃透過其他全面收益確認，惟確認減值收益或虧損、利息收入及匯兌收益及虧損則於損益確認。當金融資產終止確認時，先前在其他全面收益中確認的累計收益或虧損將從權益重新分類至損益，並在其他收益或虧損中確認。
- 以公平值變化計入損益：不符合按攤銷成本或以公平值變化計入其他全面收益標準的資產，按以公平值變化計入損益計量。當投資後續計量為以公平值變化計入損益，且並非為對沖關係的一部份，其收益或虧損的產生於期間收益表中的其他收益或虧損內呈列。
- Fair value through other comprehensive income (**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. Movements in the carrying amount are taken through OCI, except for the recognition of impairment gains or losses, interest revenue and foreign exchange gains and losses which 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 and recognised in other gains or losses.
- Fair value through profit or loss (**FVPL**): Assets that do not meet the criteria for amortised cost or FVOCI are measured at FVPL. A gain or loss on investment that is subsequently measured at FVPL and is not part of a hedging relationship is recognised in profit or loss and presented net in the income statement within other gains or losses in the period in which it arises.

(c) 減值

自二零一八年一月一日起，本集團以前瞻性基準評估按攤銷成本及以公平值變化計入其他全面收益列賬的資產相關的預期信貸虧損。所採用的減值方法取決於信貸風險是否顯著增加。附註4.2載列有關如何計量預期信貸虧損的更多詳情。

(c) Impairment

From 1 January 2018, the Group assesses on a forward-looking basis the expected credit losses (**ECLs**) associated with its assets carried at amortised cost and FVOCI. The impairment methodology applied depends on whether there has been a significant increase in credit risk. Note 4.2 provides more details of how the ECLs is measured.

2.6. 金融負債

金融負債分為兩類：以公平值變化計入損益的金融負債及其他金融負債。所有金融負債於初始時分類，並初步按公平值確認。

財務狀況表所列明的已發行債務證券，包括：(i) 根據債務工具發行計劃發行的債券，及(ii) 根據中期債券發行計劃發行的債券（**中期債券**）。

該等債券初步指定為：(i) 以公平值變化計入損益的金融負債或(ii) 其他金融負債。

於初始分類時，當債券（包括已發行嵌入式衍生工具的債券）被指定以公平值變化計入損益，則按公平值確認，且公平值變動記錄於收益表。當債券被指定為公平值對沖之對沖項目，均會被對沖風險而引起的公平值變化作出相應調整。

指定為其他金融負債的債券初始時按公平值確認，即所收代價的公平值扣減產生的交易成本。債券其後按攤銷成本列賬，扣除交易成本後的所得款項淨額與贖回價值間的任何差額，於債務證券期間按實際利息法在收益表確認。

凡贖回/回購債券時的損益，即贖回/回購債券的金額與賬面值的差額，於贖回/回購發生期間於收益表入賬確認。

2.6. Financial liabilities

Financial liabilities are classified into two categories: financial liabilities at fair value through profit or loss and other financial liabilities. All the financial liabilities are classified at inception and recognised initially at fair value.

Debt securities issued in the statement of financial position include (i) notes issued under the Debt Issuance Programme (**DIP**), and (ii) notes issued under the Medium Term Note (**MTN**) Programme.

These notes are initially designated as either (i) financial liabilities at fair value through profit or loss or (ii) other financial liabilities.

The notes (including those issued with embedded derivative instruments) designated as at fair value through profit or loss upon initial recognition are carried at fair value, with changes in fair value being recorded in the income statement. Those notes which are designated as hedged items under a fair value hedge are adjusted for the fair value changes subject to the risk being hedged.

The notes designated as other financial liabilities are initially recognised at fair value, which is the fair value of the consideration received, net of transaction costs incurred. The notes are subsequently stated at amortised costs; any difference between proceeds net of transaction costs and the redemption value is recognised in the income statement over the period of the debt securities using the effective interest method.

On redemption/repurchase of the notes, the resulting gains or losses, being the difference between the redemption/repurchase amount and the carrying amount, are recognised in the income statement in the period in which the redemption/repurchase takes place.

2.7. 確認和終止確認金融工具

證券投資於本集團購買或出售的交易日確認。貸款組合及應收款項於借款人收到現金時確認。當收取金融資產所得現金流量的權利經已屆滿，或當本集團已轉讓擁有該項資產的絕大部分風險及回報的權利，金融資產將終止確認。

以公平值變化計入損益的金融負債，及已發行債務證券於交易日確認。其他金融負債於債務產生時確認。金融負債僅於合約規定的債務已被清償、已取消或已屆滿時，才於財務狀況表終止確認。

2.8. 衍生金融工具及對沖會計處理

衍生工具最初於訂立衍生工具合約之日按公平值確認，其後按公平值重新計量。公平值乃根據活躍市場價釐定，包括最近市場交易及通過使用估值方法（包括現金流量折現模型及期權定價模型）。當衍生工具的公平值為正數時，均作為資產入賬；而當公平值為負數時，則作為負債入賬。從衍生工具所產生的應收和應付利息會分別呈列於財務狀況表。

於初始確認時，最佳顯示該衍生工具之公平值應為其交易價值（即已付或已收代價之公平值）。

2.7. Recognition and de-recognition of financial instruments

Purchases and sales of investment securities are recognised on the trade date, the date on which the Group purchases or sells the assets. Loan portfolio and receivables are recognised when cash is advanced to the borrowers. Financial assets are derecognised when the rights to receive cash flows from the financial assets have expired or where the Group has transferred substantially all risks and rewards of ownership.

Financial liabilities at fair value through profit or loss and debt securities issued are recognised on the trade date. Other financial liabilities are recognised when such obligations arise. Financial liabilities are derecognised from the statement of financial position when and only when the obligation specified in the contract is discharged, cancelled or expired.

2.8. Derivative financial instruments and hedge accounting

Derivatives are initially recognised at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at their fair value. Fair values are obtained from market prices in active markets, including recent market transactions, and valuation techniques, including discounted cash flow models and options pricing models, as appropriate. All derivatives are carried as assets when fair value is positive and as liabilities when fair value is negative. Interest receivables and payables arising from derivatives are separately presented in the statement of financial position.

The best evidence of the fair value of a derivative at initial recognition is the transaction price (i.e. the fair value of the consideration given or received).

若干嵌入其他金融工具之衍生工具之經濟特徵及風險與所屬主合約並無密切關係，且主合約並非以公平值變化計入損益計量時，該等嵌入式衍生工具會作為獨立衍生工具處理。該等嵌入式衍生工具以公平值計量，而公平值變動則於收益表確認。

確認公平值損益的方法取決於衍生工具是否指定為對沖工具，如屬對沖工具則須取決對沖項目性質。本集團指定若干衍生工具為：(i) 對沖已確認資產或負債或確實承擔的公平值（**公平值對沖**）；或(ii) 對沖已確認資產或負債或預期交易極有可能產生的未來現金流量（**現金流對沖**）。在符合若干條件的情況下，指定的衍生工具採納對沖會計方式處理。

本集團會於交易發生時記錄對沖工具與對沖項目之關係、風險管理目的以及進行各類對沖交易時所採取策略。本集團亦會就對沖活動發生時及所涉期間內評估有關衍生工具能否高度有效地抵銷對沖項目之公平值或現金流量變動作出記錄。

(a) 公平值對沖

被指定為且合資格之公平值對沖之衍生工具的公平值變動連同被對沖風險之對沖資產或負債之相關公平值變動，一併於收益表內記錄。

若對沖不再符合對沖會計處理的要求，對沖項目之賬面值調整，將按剩餘年期以實際利息法攤銷至收益表。

Certain derivatives embedded in other financial instruments are treated as separate derivatives when their economic characteristics and risks are not closely related to those of the host contract and the host contract is not carried at fair value through profit or loss. These embedded derivatives are measured at fair value with changes in fair value recognised in the income statement.

The method of recognising the resulting fair value gain or loss depends on whether the derivative is designated as a hedging instrument, and if so, the nature of the item being hedged. The Group designates certain derivatives as either: (i) hedges of the fair value of recognised assets or liabilities or firm commitments (**fair value hedge**); or, (ii) hedges of highly probable future cash flows attributable to a recognised asset or liability, or a forecast transaction (**cash flow hedge**). Hedge accounting is used for derivatives designated in this way provided certain criteria are met.

The Group documents, at the inception of the transaction, the relationship between hedging instruments and hedged items, as well as its risk management objective and strategy for undertaking various hedge transactions. The Group also documents its assessment, both at hedge inception and on an ongoing basis, of whether the derivatives that are used in hedging transactions are highly effective in offsetting changes in fair values or cash flows of hedged items.

(a) Fair value hedge

Changes in the fair value of derivatives that are designated and qualified as fair value hedges are recorded in the income statement, together with any changes in the fair value of the hedged asset or liability that are attributable to the hedged risk.

If the hedge no longer meets the criteria for hedge accounting, the adjustment to the carrying amount of a hedged item for which the effective interest method is used, is amortised to income statement over the period to maturity.

(b) 現金流對沖

被指定為且合資格之現金流對沖之衍生工具的公平值變動的有效對沖部分於其他全面收益內確認，並累計於權益中。無效部分的損益即時於收益表確認。

權益的累積數額將於相關對沖項目影響收益表時轉出並撥入至收益表。

於對沖工具到期或出售，或不再符合對沖會計處理要求時，權益中的任何累計損益仍保留於權益內，直至預期進行的交易最終於收益表確認時始撥入收益表。當預期進行的交易不會落實時，權益所呈報的累計損益隨即撥入收益表。

(c) 不符合採用對沖會計方法的衍生工具

凡不合資格採用對沖會計處理的經濟對沖的衍生工具，以公平值變化計入損益。任何衍生工具的公平值變動，即時於收益表確認。

(b) Cash flow hedge

The effective portion of changes in the fair value of derivatives that are designated and qualified as cash flow hedges are recognised in OCI and accumulated in equity. The gain or loss relating to the ineffective portion is recognised immediately in the income statement.

Amounts accumulated in equity are recycled to the income statement in the periods in which the hedged item will affect income statement.

When a hedging instrument expires or is sold, or when a hedge no longer meets the criteria for hedge accounting, any cumulative gain or loss existing in equity at that time remains in equity and is recognised when the forecast transaction is ultimately recognised in the income statement. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was reported in equity is immediately transferred to the income statement.

(c) Derivatives not qualified as hedges for accounting purposes

Derivative instruments entered into as economic hedges that do not qualify for hedge accounting are held at fair value through profit or loss. Changes in the fair value of any derivative instrument are recognised immediately in the income statement.

2.9. 對銷金融工具

如金融資產及負債具有法律上可強制執行的權利可對銷確認金額及有計劃按淨額結算，或同時變賣資產及清償負債，則該金融資產及負債可互相對銷，而兩者之淨額列於財務狀況表內。法律上可強制執行的權利不應取決於未來事件，並且必須是在正常業務過程中，以及在本公司或交易對手違約、無力償付債務或破產的情況下，可強制執行。

2.9. Offsetting financial instruments

Financial assets and liabilities are offset and the net amount reported in the statement of financial position when there is a legally enforceable right to offset the recognised amounts and there is an intention to settle on a net basis or realise the asset and settle the liability simultaneously. The legally enforceable right must not be contingent on future events and must be enforceable in the normal course of business and in the event of default, insolvency or bankruptcy of the Company or the counterparty.

2.10. 收回資產

收回抵押資產作為待售資產列賬，並於「其他資產」項下呈報，相關貸款則終止確認。收回抵押資產按賬面值與公平值減銷售成本之較低者計量。

2.11. 分類報告

經營分類按向首席經營決策者提供的內部報告一致的方式報告。首席經營決策者為分配資源及評估公司經營分類表現的個人或團體。本集團已指定總裁為首席經營決策者。

2.12. 外幣換算**(a) 功能及呈列貨幣**

本集團旗下各公司的財務報表中所載項目採用該公司營運所在主要經濟環境所用的貨幣（**功能貨幣**）計量。綜合財務報表以千港元為單位呈列，即本公司之功能及本公司和本集團之呈列貨幣。

(b) 交易及結餘

外幣交易按交易當日之匯率換算為功能貨幣。結算該等交易產生之匯兌盈虧以及以期末匯率換算外幣計價的貨幣資產及負債而產生的匯兌盈虧在收益表確認。

2.10. Repossessed assets

Reposessed collateral assets are accounted as assets held for sale and reported in “Other assets” and the relevant loans are derecognised. The reposessed collateral assets are measured at lower of carrying amount and fair value less costs to sell.

2.11. 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 is the person or group that allocates resources to and assesses the performance of the operating segments of an entity. The Group has determined the Chief Executive Officer as its chief operating decision maker.

2.12. Foreign currency translation**(a) 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 (**functional currency**). The consolidated financial statements are presented in thousands of units of Hong Kong dollars (**HK\$’000**) which is the Company’s functional and the Company’s and the Group’s presentation currency.

(b) 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 at period-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the income statement.

以外幣計價的貨幣項目，按報告日期的收市匯率換算。以歷史成本估值的外幣計價的非貨幣項目，按初始確認日期的匯率換算；以公平值估值的外幣計價的非貨幣項目，會以確定公平值當日的匯率換算。

當歸類為以公平值變化計入其他全面收益，並以外幣計價的貨幣項目之公平值變動時，由證券的攤銷成本變動所產生的換算差額，及由證券的賬面值的其他變動所產生的換算差額會區別出來。有關攤銷成本變動的換算差額會在損益內確認；而除減值外，賬面值的其他變動會在其他全面收益內確認。

持有以公平值變化計入損益的非貨幣金融工具的換算差額呈報為公平值損益的一部分。歸類為以公平值變化計入其他全面收益的非貨幣金融工具的換算差額計入權益內的公平值儲備。

2.13. 固定資產

固定資產按歷史成本減累計折舊及減值虧損列賬。歷史成本包括收購該等項目的直接開支。

該項目的後續成本僅在本集團有可能獲得有關項目之未來經濟利益，且能準確計量項目成本時，方可計入資產賬面值或確認為獨立資產（倘適用）。遭替換部分的賬面值被終止確認。所有其他維修及保養開支均於產生之財務期間於收益表確認。

Monetary items denominated in foreign currency are translated with the closing rate as at the reporting date. Non-monetary items measured at historical cost denominated in a foreign currency are translated with the exchange rate as at the date of initial recognition; non-monetary items in a foreign currency that are measured at fair value are translated using the exchange rates at the date when the fair value was determined.

In the case of changes in the fair value of monetary assets denominated in foreign currency classified as FVOCI, a distinction is made between translation differences resulting from changes in amortised cost of the security and other changes in the carrying amount of the security. Translation differences related to changes in the amortised cost are recognised in profit or loss, and other changes in the carrying amount, except impairment, are recognised in OCI.

Translation differences on non-monetary financial instruments held at FVPL are reported as part of the fair value gain or loss. Translation differences on non-monetary financial instruments classified as FVOCI, are included in the fair value reserve in equity.

2.13. Fixed assets

Fixed assets are stated at historical cost less accumulated depreciation and impairment losses. Historical cost includes expenditure that is directly attributable to the acquisition of the items.

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

折舊採用直線法按下列估計可使用年期將成本減剩餘價值攤銷：

租賃物業裝修	租約尚未屆滿的期間
傢俬及裝置	租約尚未屆滿的期間
電腦	三年
辦公室設備	三年
汽車	四年

資產的剩餘價值及可使用年期於各呈報期末檢討並於適當時調整。

出售之收益及虧損按所得款項與賬面值的差額於收益表確認。

Depreciation is calculated using the straight-line method to allocate their cost to their residual values over their estimated useful lives.

Leasehold improvements	over the unexpired period of the lease
Furniture and fixtures	over the unexpired period of the lease
Computer	3 years
Office equipment	3 years
Motor vehicle	4 years

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

Gain and loss on disposal is determined by comparing proceeds with carrying amount. It is included in the income statement.

2.14. 於附屬公司的投資的減值

於附屬公司收取股息後，倘若出現下述情況，需就附屬公司的投資進行減值測試。如在股息宣佈週期，股息超越附屬公司的總全面收益。又或是附屬公司在本公司的財務狀況表所顯示的賬面值，超越附屬公司在綜合財務狀況表的淨資產值（包括商譽）。

2.15. 當期及遞延稅項

期內稅項支出包括當期及遞延稅項。稅項會在收益表內確認，除非涉及確認於其他全面收益的項目或直接在權益內確認。在這種情況下，稅項也會在其他全面收益或直接在權益確認。

當期稅項根據呈報期末已頒布或實際頒布的稅率計算。

2.14. Impairment of investment in subsidiaries

Impairment testing of the investment in a subsidiary is required upon receiving a dividend from that subsidiary if the dividend exceeds the total comprehensive income of the subsidiary concerned in the period the dividend is declared or if the carrying amount of the subsidiary in the Company's statement of financial position exceeds the carrying amount of the subsidiary's net assets including goodwill in the consolidated statement of financial position.

2.15. Current and deferred tax

The tax expense for the period comprises current and deferred tax. Tax is recognised in the income statement, except to the extent that it relates to items recognised in OCI or directly in equity. In this case, the tax is also recognised in OCI or directly in equity.

Current tax is calculated on the basis of the tax rates enacted or substantively enacted at the end of the reporting period.

遞延稅項採用負債法按資產及負債的稅基與綜合財務報表所呈列賬面值之暫時差額作全數撥備。遞延稅項採用各呈報期末已頒布或實際頒布並預期在相關遞延稅項資產變現或遞延稅項負債結算時適用之稅率釐定。

倘可能有未來應課稅溢利與可動用暫時差額抵銷，則確認遞延稅項資產。除非暫時差異的撥回由本集團控制，並有可能在可預見將來不會撥回暫時差額，就投資附屬公司而產生的暫時差額需作遞延稅項撥備。

直接在其他全面收益中扣除或計入與現金流對沖相關的遞延稅項，亦應直接在其他全面收益中計入或扣除，其後連同遞延盈虧在收益表中確認。

Deferred 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 consolidated financial statements. Deferred tax is determined using tax rates that have been enacted or substantially enacted by the end of the reporting period and are expected to apply when the related deferred tax asset is realised or the deferred tax liability is settled.

Deferred tax assets are recognised where it is probable that future taxable profits will be available against which the temporary differences can be utilised. Deferred tax is provided on temporary differences arising from investment in the subsidiary, except where the timing of the reversal of the temporary difference is controlled by the Group and it is probable that the difference will not be reversed in the foreseeable future.

Deferred tax related to cash flow hedges, which are charged or credited directly to OCI, is also credited or charged directly to OCI and is subsequently recognised in the income statement together with the deferred gain or loss.

2.16. 僱員福利

(a) 僱員可享有的假期

僱員所享年假於僱員得到有關假期時確認。按截至各呈報期末就僱員所提供服務而估計享有的年假及長期服務假期的承擔列為應計項目。

僱員可享有的病假、產假及待產假，於僱員休假時確認。

(b) 花紅計劃

本集團根據一項程式以考慮若干調整後所得溢利確認花紅負債及開支。本集團根據合約責任或過往經驗建立推定責任時，確認有關撥備。

2.16. Employee benefits

(a) Employee leave entitlements

Employee entitlements to annual leave are recognised when they accrue to employees. An accrual is made for the estimated liability for annual leave and long-service leave as a result of services rendered by employees up to the end of each reporting period.

Employee entitlements to sick leave, maternity or paternity leave are recognised when the absence occurs.

(b) Bonus plans

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

(c) 退休金承擔

本集團設立強制性公積金計劃及界定供款計劃，計劃相關資產通常由獨立信託人所管理之基金持有。該等退休金計劃通常由僱員及本集團供款。

本集團對強制性公積金計劃及界定供款計劃的供款於產生時列作支出。

(c) Pension obligations

The Group offers a mandatory provident fund scheme and a defined contribution scheme, the assets of which are generally held in separate trustee – administered funds. These pension plans are generally funded by payments from employees and by the Group.

The Group's contributions to the mandatory provident fund scheme and defined contribution scheme are expensed as incurred.

2.17.撥備

倘本集團現時因過往事件而涉及法律或推定責任，而履行責任很可能須耗用資源，且可合理估計款項時，則確認撥備。

當金額的時間值影響屬重大的，撥備按預期償付責任所需開支以除稅前比率（反映當前市場對責任特定之時間值及風險之評估）計算之現值計量。

2.17.Provisions

Provisions are recognised when the Group has a present legal or constructive obligation as a result of past events where it is more likely than not that an outflow of resources will be required to settle the obligation, and the amount has been reliably estimated.

Where the effect of the time value of money is material, provisions are measured at the present value of the expenditure expected to be required to settle the obligation using a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the obligation.

2.18.租約

(a) 經營租約

經營租約指由出租人承擔擁有權絕大部分風險及回報之租約。本集團主要以承租人身份訂立經營租約。經營租約租金（扣除出租人給予的任何優惠後）於租期內以直線法自收益表扣除。

倘經營租約於租約期滿前終止，則任何須付予出租人的罰款將於終止發生期間確認為開支。

2.18.Leases

(a) Operating leases

Leases in which a significant portion of the risks and rewards of ownership are retained by the lessor are classified as operating leases. The Group entered into operating leases primarily as lessee. Payments made under operating leases (net of any incentives received from the lessor) are charged to the income statement on a straight-line basis over the period of the lease.

When an operating lease is terminated before the lease period has expired, any payment required to be made to the lessor by way of penalty is recognised as an expense in the period in which termination takes place.

(b) 融資租約

融資租約指由本集團承擔擁有權的絕大部分風險及回報之資產租約。本集團主要以出租人身份訂立融資租約。融資租約於租賃開始時按租賃物業公平值或最低租金現值之較低者撥作應收款項。應收款項總額與應收款項現值的差額確認為未賺取融資收入。租約收入於租期內按反映固定回報率的淨投資法確認。具有融資租約特性的租購合約按融資租約相同方式列賬。減值撥備按附註4.2所載貸款組合的會計政策列賬。

(b) Finance leases

Leases of assets where the Group has substantially all the risks and rewards of ownership are classified as finance leases. The Group entered into finance leases primarily as lessor. Finance leases are capitalised as receivables at the lease's commencement at the lower of the fair value of the leased property and the present value of the minimum lease payments. The difference between the gross receivable and the present value of the receivable is recognised as unearned finance income. Lease income is recognised over the term of the lease using the net investment method, which reflects a constant periodic rate of return. Hire purchase contracts having the characteristics of a finance lease are accounted for in the same manner as finance leases. Impairment allowances are accounted for in accordance with the accounting policies for loan portfolio as set out in Note 4.2.

2.19.現金及等同現金項目

就現金流量表而言，現金及等同現金項目包括於獲取之日起計三個月內到期的結餘，包括現金和銀行結餘。這些結餘是易於轉換為已知金額的現金，而其價值變動的風險不高。

2.19.Cash and cash equivalents

For the purposes of the statement of cash flows, cash and cash equivalents comprise balances with less than three months' maturity from the date of acquisition, including cash and balances with banks that are readily convertible to known amounts of cash and are subject to an insignificant risk of change in value.

2.20.財務擔保合約

財務擔保合約，本集團須根據債務工具的條款向持有人支付定額款項以補償指定欠款人未能支付到期款項所產生損失。

財務擔保合約，按附註2.21(b)所載會計政策，列賬為保險合約。

2.20.Financial guarantee contracts

Financial guarantees are contracts that require the Group to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due, in accordance with the terms of a debt instrument.

Financial guarantee contracts are accounted for as insurance contracts in accordance with the accounting policies set out in Note 2.21(b).

2.21. 保險和其他擔保合約**(a) 按揭保險合約**

本集團按揭保險計劃下的按揭保險業務，根據年度會計基準入賬。依照年度會計處理法，本集團按未來收支的可靠預測作出撥備，釐定本會計年度的承保業績。承保業績包括更正過往估計而作出的任何修訂。

毛保費指本會計年度透過在《銀行業條例》下定議之認可機構參與直接承保業務的保費。扣除折扣及退款後的毛保費包括向核准再保險公司支付再保險保費、本集團應收風險保費及服務費。保險費淨額於保險生效期間，以時間比例確認為收入。

未滿期保費為各呈報期末，估計承擔風險及提供服務所需保費淨額部分。

於各呈報期末，就未決申索、已產生但未申報申索及虧損儲備作撥備。至於風險分攤業務方面，根據有關監管指引及在董事認為適當的情況下，取決於相關產品，將年內已滿期風險保費淨額的50%或75%，在一段時間內，預留作為風險儲備。期內可自風險儲備提取以應付超額申索。於各呈報期末，風險儲備的未動用結餘可撥回至保留溢利。

2.21. Insurance and other guarantee contracts**(a) Mortgage insurance contracts**

The mortgage insurance business under the Mortgage Insurance Programme (**MIP**) of the Group is accounted for on the annual accounting basis. Under the annual accounting approach, the Group makes provisions based on credible estimates of future income and outgoings to determine the underwriting result for the current accounting period. The underwriting result includes any adjustments arising from the correction of the previous estimates.

Gross premiums represent direct business written through Authorized Institutions (**AIS**) as defined in accordance with the Banking Ordinance during an accounting period. The gross premiums after deduction of discounts and refunds, include the reinsurance premiums to be paid to the approved reinsurers, the risk premiums and servicing fees earned by the Group. The net premiums are recognised as income on a time-apportioned basis during the time the insurance coverage is effective.

Unearned premiums represent that portion of net premiums written which are estimated to relate to risks and services subsequent to the end of each reporting period.

Provisions are made for outstanding claims, claims incurred but not reported and loss reserve at the end of each reporting period. For risk-sharing business, 50% or 75% of the net risk premiums earned in a year depending on the respective product is set aside as a Contingency Reserve for a period of time in accordance with relevant regulatory guidelines and as considered appropriate by the directors. Withdrawals from the Contingency Reserve can be made to meet excess claims at any time during the period. At the end of the reporting period, the unutilised balance of the Contingency Reserve can be released to retained profits.

再保險合約指本集團與再保險公司訂立的合約，據此本集團就本集團發出的一份或以上保險合約獲賠償損失。本集團根據再保險合約下所獲利益，確認為再保險資產。該等資產包括從再保險公司可收回的申索及應收款項(根據有關再保險合約所預期的申索及利益)。從再保險公司可收回款項或應付再保險公司金額的計量均與再保險合約相關金額及每份再保險合約的條款一致。再保險資產主要為再保險合約的保費，並攤銷作開支。

再保險資產初始確認後，倘若有客觀證據顯示，本集團可能不會收回合約條款內的全數款項，而本集團從再保險公司之收回款項亦能準確計量，則會對該再保險資產減值。

已產生的佣金在收益表內確認。

(b) 其他擔保和保險合約

本集團為合資格的中小企業(中小企)和非上市企業取得的貸款提供財務擔保，並收取擔保費；亦為長者的安老按揭貸款，以及為資助房屋計劃業主而設、主要用於補地價的一筆過貸款，提供保險保障，並收取保險保費。

Reinsurance contracts refer to contracts entered into by the Group with reinsurers under which the Group is compensated for losses on one or more insurance contracts issued by the Group. Benefits to which the Group is entitled under its reinsurance contracts held are recognised as reinsurance assets. These assets consist of claims recoverable from reinsurers and receivables that are dependent on the expected claims and benefits arising under the related reinsured insurance contracts. Amounts recoverable from or due to reinsurers are measured consistently with the amounts associated with the reinsured insurance contracts and in accordance with the terms of each reinsurance contract. Reinsurance assets are primarily premiums for reinsurance contracts and are amortised as an expense.

A reinsurance asset is impaired if there is objective evidence, as a result of an event that occurred after initial recognition of the reinsurance asset, that the Group may not receive all amounts due to it under the terms of the contract, and the impact on the amounts that the Group will receive from the reinsurer can be reliably measured.

Commissions are recognised in the income statement as incurred.

(b) Other guarantee and insurance contracts

The Group provides financial guarantees for loan facilities provided to eligible small and medium enterprises (**SMEs**) and non-listed enterprises, in return for a guarantee fee, insurance coverage on reverse mortgage loans provided to elderly people and on lump-sum loans provided to owners of properties of subsidised housing schemes primarily for land premium settlement, in return for an insurance premium.

根據有關監管指引及在董事認為適當的情況下，年內已滿期的擔保費的50%和保險保費的75%，在一段時間內，預留作為風險儲備。期內可自風險儲備提取款項以應付超額申索。於各呈報期末，風險儲備的未動用結餘可撥回至保留溢利。

(c) 人壽保險合約

保費於從年金受益人收到現金以及保單於所有承保程序完成後簽發並生效時被確認為收入。

保險合約負債於訂立合約及確認保費時確認。該等負債乃根據《保險業(長期負債釐定)規則》的規定為長期業務使用經修訂淨額保費估值法計算。於各報告日，負債的變動記入收益表。

保險索賠反映年內產生的所有年金付款、退保、提取現金及身故賠償等成本。退保、提取現金及身故賠償按所收到的通知記錄。年金付款於到期時記錄。

本集團會根據當前合約的未來現金流量估算，在每個呈報期日評估其已確認的負債是否足夠。如果評估顯示其保險負債的賬面值不足夠應付預計的未來現金流量，不足之數額在收益表中確認。

2.22. 股息分配

於呈報期末後擬派或宣派的股息，當股東批准該股息時，會作為該時期的負債披露。

50% of the guarantee fee earned and 75% of the insurance premium earned in a year is set aside as a Contingency Reserve for a period of time in accordance with relevant regulatory guidelines and as considered appropriate by the directors. Withdrawals from the Contingency Reserve can be made to meet excess claims at any time during the period. At the end of the reporting period, the unutilised balance of the Contingency Reserve can be released to retained profits.

(c) Life insurance contracts

Premiums are recognised as income when the cash is received from the annuitant, and the policy is issued and becomes effective after the completion of all the underwriting procedures.

Insurance contract liabilities are recognised when contracts are entered into and premiums are recognised. These liabilities are measured by using the Modified Net Level Premium Valuation method for long term business in accordance with the provision of the Insurance (Determination of Long Term Liabilities) Rules. The movements in liabilities at each reporting date are recorded in the income statement.

Insurance claims reflect the cost of all annuity payments, surrenders, withdrawals and death claims arising during the year. Surrenders, withdrawals and death claims are recorded on the basis of notifications received. Annuity payments are recorded when due.

The Group will assess if its recognised liabilities are adequate on each reporting date, using the current estimates of future cash flows under these contracts. If the assessment shows that the carrying amount of its insurance liabilities are inadequate in the light of the estimated future cash flows, the shortfall shall be recognised in the income statement.

2.22. Dividend distribution

Dividend proposed or declared after the end of each reporting period is disclosed as a liability in the period in which the dividends are approved by shareholders.

3. 會計政策變動

採納香港財務報告準則第9號導致會計政策出現變動及對先前於財務報表確認的金額作出調整。

在香港財務報告準則第9號的過渡性條文容許下，本集團追溯採納香港財務報告準則第9號，但已選擇不重列比較資料。因此，所提供的比較資料繼續根據本集團之前根據香港會計準則第39號的會計政策入賬。採納香港財務報告準則第9號產生的差異已直接於二零一八年一月一日的保留溢利、減值撥備及其他相關財務狀況表項目確認。

二零一八年一月一日前所應用的會計政策

金融資產

直至二零一七年十二月三十一日，本集團將金融資產分為：以公平值變化計入損益的金融資產、貸款及應收款項、持有至到期投資及可供出售投資。分類方式視乎購入金融資產的目的而定。管理層於初始確認時決定金融資產分類。

(a) 以公平值變化計入損益的金融資產

此類別可細分為兩類：持作買賣的金融資產、及於初始分類時指定為以公平值變化計入損益的金融資產。倘金融資產主要為在短期內出售而購入，或該資產為集合管理的可識別金融工具組合之一部分、及有證據顯示近期曾實際短期獲利，則歸類為持作買賣用途。除已指定作對沖用途外，否則衍生工具亦歸類為持作買賣用途。

3. Changes in accounting policies

The adoption of HKFRS 9 resulted in changes in accounting policies and adjustments to the amounts previously recognised in the financial statements.

As permitted by the transitional provisions of HKFRS 9, the Group has adopted HKFRS 9 retrospectively, but has elected not to restate comparative information. As a result, the comparative information provided continues to be accounted for in accordance with the Group's previous accounting policy under HKAS 39. Differences arising from the adoption of HKFRS 9 have been recognised directly in retained profits, impairment allowances and other relevant statement of financial position items as at 1 January 2018.

Accounting policies applied prior to 1 January 2018

Financial assets

Until 31 December 2017, the Group classified its financial assets in the following categories: financial assets at fair value through profit or loss; loans and receivables; held-to-maturity investments; and available-for-sale investments. The classification depended on the purpose for which the financial assets were acquired. Management determined the classification of its financial assets at initial recognition.

(a) Financial assets at fair value through profit or loss

This category had two sub-categories: financial assets held for trading, and those designated as at fair value through profit or loss at inception. A financial asset was classified as held for trading if acquired principally for the purpose of selling in the short term or if it was part of a portfolio of identified financial instruments that were managed together and for which there was evidence of recent actual pattern of short-term profit-making. Derivatives were also categorised as held for trading unless they were designated as hedges.

符合以下條件之金融資產，一般會初始時被界定為以公平值變化計入損益類別：

- (i) 若該界定能消除或大幅減少因按不同基準計量金融資產或金融負債之價值或確認其盈利或虧損，而出現不一致的計量或確認情況（有時稱為會計錯配）；或
- (ii) 若根據明文規定的風險管理或投資策略，有一組金融資產及/或金融負債需按公平值基準管理及評估表現，而內部亦根據該基準向管理層呈報有關該組金融資產及/或金融負債；或
- (iii) 金融資產，例如所持有債務證券含有一項或多項對現金流量有重大影響的嵌入式衍生工具，可以被指定為以公平值變化計入損益。

(b) 貸款及應收款項

貸款及應收款項為有固定或可確定還款額、並無活躍市場報價，且本集團無意即時或於短期內買賣之非衍生工具金融資產。

(c) 持有至到期投資

持有至到期投資為有固定或可確定還款額及固定還款期，且本集團管理層有明確意向及能力持有至到期的非衍生工具金融資產。若本集團出售或將持有至到期資產重新分類，而(i)並非由於超越本集團所能控制的、非經常性的，不能被本集團合理預期的單一個別事件所引起，例如是發行人的信用狀況的顯著惡化，或(ii)倘若並非微不足道數額之持有至到期資產，則整個資產類別將重新分類至可供出售。

A financial asset was typically classified as fair value through profit or loss at inception if it meets the following criteria:

- (i) the designation eliminated or significantly reduced a measurement or recognition inconsistency (sometimes referred to as an accounting mismatch) that would otherwise arise from measuring the financial assets or financial liabilities or recognising the gains and losses on them on different bases; or
- (ii) a group of financial assets and/or financial liabilities was managed and its performance was evaluated on a fair value basis, in accordance with a documented risk management or investment strategy, and this was the basis on which information about the financial assets and/or financial liabilities was provided internally to the key management personnel; or
- (iii) financial assets, such as debt securities held, containing one or more embedded derivatives which significantly modified the cash flows, could be designated at fair value through profit or loss.

(b) Loans and receivables

Loans and receivables were non-derivative financial assets with fixed or determinable payments that were not quoted in an active market and for which the Group had no intention of trading immediately or in the short term.

(c) Held-to-maturity

Held-to-maturity investments were non-derivative financial assets with fixed or determinable payments and fixed maturities that the Group's management had the positive intention and ability to hold to maturity. Where the Group sold or reclassified held-to-maturity assets (i) other than due to an isolated event that was beyond the Group's control, was non-recurring and could not have been reasonably anticipated by the Group, such as a significant deterioration in the issuer's creditworthiness; or (ii) other than an insignificant amount of held-to-maturity assets, the entire category would be reclassified as available-for-sale.

(d) 可供出售投資

可供出售投資，包括指定為此類別或並無歸入任何其他類別的非衍生工具金融資產。可供出售投資為無限定持有時間的投資，可因應流動資金需要或利率、匯率或市價變動而出售。可供出售投資初步按公平值（包括直接及遞增交易成本）確認，其後按公平值持有。

所有並非以公平值變化計入損益的金融資產初始時按公平值加上交易成本確認。以公平值變化計入損益的金融資產初始時按公平值確認，而交易成本則在收益表列作支出。

可供出售金融資產及以公平值變化計入損益的金融資產，其後以公平值列賬。貸款及應收款項及持有至到期投資，則採用實際利息法以攤銷成本列賬。「以公平值變化計入損益的金融資產」類別的公平值變動產生的收益及虧損，於產生時計入該期間的收益表。可供出售金融資產公平值變動產生的未變現收益及虧損於其他全面收益確認，並累計於權益中（公平值儲備），直至有關金融資產被註銷或減值時，則將先前已於權益確認之累計盈虧撥轉至收益表。然而，使用實際利息法計算的利息乃於收益表中確認。可供出售股權工具之股息於有關公司取得獲派股息權利時於收益表確認。

(d) Available-for-sale

Available-for-sale investments were non-derivative financial assets that were either designated in this category or not classified in any of the other categories. Available-for-sale investments were those intended to be held for an indefinite period of time, which might be sold in response to needs for liquidity or changes in interest rate, exchange rate or market prices. They were initially recognised at fair value including direct and incremental transaction costs. They were subsequently held at fair value.

Financial assets were initially recognised at fair value plus transaction costs for all financial assets not carried at fair value through profit or loss. Financial assets carried at fair value through profit or loss were initially recognised at fair value, and transaction costs were expensed in the income statement.

Available-for-sale financial assets and financial assets at fair value through profit or loss were subsequently carried at fair value. Loans and receivables and held-to-maturity investments were carried at amortised cost using the effective interest method. Gains and losses arising from changes in the fair value of the “financial assets at fair value through profit or loss” category were included in the income statement in the period in which they arise. Unrealised gains and losses arising from changes in the fair value of available-for-sale financial assets were recognised in OCI and accumulated in equity (fair value reserve), until the financial asset was derecognised or impaired at which time the cumulative gain or loss previously accumulated in equity was reclassified to income statement. However, interest calculated using the effective interest method was recognised in the income statement. Dividends on available-for-sale equity instruments were recognised in the income statement when the entity’s right to receive payment was established.

如果按公平值計量的資產有一個買入價和賣出價，在這個價格範圍內的買賣差價最能代表公平值的情況下，應該用來計量公平值。倘金融資產的市場並不活躍，本集團會採用估值方法訂出公平值，包括採用近期按公平原則進行的交易、參考其他大致相同的工具、現金流量折現分析及市場參與者廣泛採用的其他估值方法釐定公平值。

倘若本集團有意並有能力在資產重新分類時，持有某些金融資產直至可預見的未來或直至到期日，本集團可以選擇將符合貸款及應收款項定義的金融資產，從可供出售類別，重新分類為貸款及應收款項。

重新分類將按重新分類日的公平值計算。公平值會成為新的成本或攤銷成本（如適用），而在重新分類日期前的公平值收益或虧損不作撥回。對於被重新分類為貸款及應收款項和持有至到期類別的金融資產，其實際利率將在重新分類日確定。

金融資產減值

(a) 以攤銷成本列賬之資產

本集團於各呈報期末，評估有否客觀證據顯示個別金融資產或一組金融資產出現減值。於初始確認資產後發生一個或多個損失事件以致出現減值之客觀證據（**損失事件**），且該宗（或該等）損失事件對有關金融資產或一組金融資產之未來現金流量的影響可準確估計，則該金融資產或該組金融資產將視作減值及出現減值虧損。顯示個別金融資產或一組資產減值之客觀證據包括本集團注意到有關可供觀察資料之以下損失事件：

If an asset measured at fair value had a bid price and an ask price, the price within the bid-ask spread that was most representative of fair value in the circumstances should be used to measure fair value. If there was no active market for a financial asset, the Group established fair value by using valuation techniques. These included the use of recent arm's length transactions, reference to other instruments that were substantially the same, discounted cash flow analysis and other valuation techniques commonly used by market participants.

The Group might choose to reclassify financial assets that would meet the definition of loans and receivables out of the available-for-sale categories if the Group had the intention and ability to hold these financial assets for the foreseeable future or until maturity at the date of reclassification.

Reclassifications were made at fair value as of the reclassification date. Fair value became the new cost or amortised cost as applicable, and no reversals of fair value gains or losses recorded before reclassification date were subsequently made. Effective interest rates for financial assets reclassified to loans and receivables and held-to-maturity categories were determined at the reclassification date.

Impairment of financial assets

(a) Assets carried at amortised cost

The Group assessed at the end of each reporting period whether there is objective evidence that a financial asset or group of financial assets was impaired. A financial asset or a group of financial assets was impaired and impairment losses were incurred if, and only if, there was objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the asset (**loss event**) and that loss event (or events) had an impact on the estimated future cash flows of the financial asset or group of financial assets that can be reliably estimated. Objective evidence that a financial asset or group of assets is impaired includes observable data that comes to the attention of the Group about the following loss events:

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| <ul style="list-style-type: none"> • 發行人或欠債人出現嚴重財政困難； • 違約，例如沒有支付或拖欠利息或本金還款； • 借款人因經濟或法律原因出現財政困難，本集團給予借款人在一般情況下不予考慮之優惠條件； • 啟動破產程序或其他財務重組； • 因財政困難至使金融資產之活躍市場消失；或 • 可觀察得到的資料顯示一組金融資產產生的未來預計現金流將較初始確認時有可量度的下降，即使有關下降未能識別為該組合內之個別金融資產。資料包括： <ul style="list-style-type: none"> — 該組合的借款人之還款狀況有不利轉變；或 — 與組合內資產違約相關之經濟狀況。 | <ul style="list-style-type: none"> • significant financial difficulty of the issuer or obligor; • a breach of contract, such as a default or delinquency in interest or principal payments; • the Group granting to the borrower, for economic or legal reasons relating to the borrower's financial difficulty, a concession that the Group would not otherwise consider; • initiation of bankruptcy proceedings or other financial reorganisation; • the disappearance of an active market for that financial asset because of financial difficulties; or • observable data indicating that there is a measurable decrease in the estimated future cash flows from a group of financial assets since the initial recognition of those assets, although the decrease cannot yet be identified with the individual financial assets in the group, including: <ul style="list-style-type: none"> — adverse changes in the payment status of borrowers in the group; or — economic conditions that correlate with defaults on the assets in the group. |
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本集團首先評估有否客觀證據顯示金額重大之個別金融資產出現減值。至於金額非重大之個別金融資產，本集團會個別評估或組合評估減值。若本集團確定並無客觀證據顯示所評估個別金融資產(不論金額是否重大)出現減值，則將該資產包括於信貸風險特徵相若的組合中，以作出組合減值評估。組合減值評估不包括已經個別評估為有減值虧損或將繼續確認減值虧損之資產。

The Group first assessed whether objective evidence of impairment exists individually for financial assets that were individually significant. For exposures which were not individually significant, the Group would assess impairment either individually or collectively. If the Group determined that no objective evidence of impairment existed for an individually assessed financial asset, whether significant or not, it included the asset in a group of financial assets with similar credit risk characteristics and collectively assessed them for impairment. Assets that were individually assessed for impairment and for which an impairment loss was or continues to be recognised were not included in a collective assessment of impairment.

如有客觀證據顯示，以攤銷成本列賬之貸款及應收款項，或持有至到期投資出現減值虧損，則虧損額將以資產賬面值與預計未來現金流量（不包括未來信貸虧損），按該金融資產原有實際利率的折現差額計算。資產的賬面值通過撥備賬目而調減，虧損金額則於收益表確認。倘貸款或持有至到期投資按浮動利率計算，則計量減值虧損的折現率為合約釐定的現行實際利率。

不論是否能收回抵押品，對有抵押金融資產預計未來現金流量之現值計算，可反映因收回抵押品後扣除取得及出售抵押品之成本可能產生的現金流量。

整體之組合減值評估而言，金融資產按相若信貸風險特徵歸類，該等特徵與預測該等資產群組之未來現金流量有關，可顯示所評估資產在合約條款下其債務人清還所有到期債務的能力。

一組共同進行減值評估的金融資產的未來現金流量，是按群組內資產的合約現金流量，及與其具相若信貸風險特徵的資產之過往虧損記錄為基準估量。過往虧損記錄會根據現時可觀察資料予以調整，以反映並沒有對過往虧損記錄所依據的該期間現有狀況的影響，以及消除於過往期間出現但現時並不存在之條件的影響。

估計一組資產未來現金流量的變動時，須反映各期間的相關可觀察數據（顯示該組資產虧損之可能性及程度的變動），並調整至與其一致。本集團定期檢討估計未來現金流量的方法及假設，以縮減虧損估計與實際虧損的差距。

If there was objective evidence that an impairment loss on loans and receivables or held-to-maturity investments carried at amortised cost had been incurred, the amount of the loss was measured as the difference between the asset's carrying amount and the present value of estimated future cash flows (excluding future credit losses) discounted at the financial asset's original effective interest rate. The carrying amount of the asset was reduced through the use of an allowance account and the amount of the loss was recognised in the income statement. If a loan or held-to-maturity investment had a variable interest rate, the discount rate for measuring any impairment loss was the current effective interest rate determined under the contract.

The calculation of the present value of estimated future cash flows of a collateralised financial asset reflected the cash flows that may result from foreclosure less costs for obtaining and selling the collateral, whether or not foreclosure is probable.

For the purposes of a collective evaluation of impairment, financial assets were grouped on the basis of similar credit risk characteristics which were relevant to the estimation of future cash flows for groups of such assets by being indicative of the debtors' ability to pay all amounts due according to the contractual terms of the assets being evaluated.

Future cash flows in a group of financial assets that were collectively evaluated for impairment were estimated on the basis of the contractual cash flows of the assets in the group and historical loss experience for assets with credit risk characteristics similar to those in the group. Historical loss experience was adjusted on the basis of current observable data to reflect the effects of current conditions that did not affect the period on which the historical loss experience was based and to remove the effects of conditions in the historical period that did not exist currently.

Estimates of changes in future cash flows for groups of assets should reflect and be directionally consistent with changes in related observable data from period to period which were indicative of changes in the probability of losses in the group and their magnitude. The methodology and assumptions used for estimating future cash flows were reviewed regularly by the Group to reduce any differences between loss estimates and actual loss experience.

倘貸款無法收回，則信貸委員會將酌情決定自相關貸款減值虧損撥備撇銷貸款。該等貸款將於完成所有必需程序及確定虧損金額後撇銷。倘日後收回以往已撇銷的款項，將用於減低收益表中之減值虧損。

When a loan was uncollectable, it was written off against the related allowance for loan impairment at the discretion of the Credit Committee. Such loans were written off after all the necessary procedures had been completed and the amount of the loss had been determined. Subsequent recoveries of amounts previously written off decreased the amount of the allowance for loan impairment in the income statement.

如日後減值虧損撥備減少，且與確認減值後發生的事件有客觀聯繫，則過往確認的減值虧損會透過調整撥備賬目回撥。回撥的金額於收益表內確認。

If, in a subsequent period, the amount of the impairment loss decreased and the decrease could be related objectively to an event occurring after the impairment was recognised, the previously recognised impairment loss was reversed by adjusting the allowance account. The amount of the reversal was recognised in the income statement.

(b) 被歸類為可供出售投資的資產

本集團在各呈報期末評估有否客觀證據顯示，個別可供出售投資或一組可供出售投資出現減值。對於債務證券，本集團採用以上(a)所提出的標準。至於被分類為可供出售的股權投資，倘若其公平值大幅或長期低於成本，亦為顯示該等資產出現減值的證據。如可供出售金融資產存在該等證據，其累計虧損(即購入成本與現時公平值之差額扣減原先已於收益表確認之金融資產減值虧損)需自權益撥轉至收益表。如日後歸類為可供出售之工具的公平值增加，並與確認減值後發生之事件有客觀聯繫，則有關減值虧損將按變化程度於收益表回撥。

(b) Assets classified as available-for-sale investments

The Group assessed at the end of each reporting period whether there was objective evidence that an available-for-sale investment or a group of available-for-sale investments was impaired. For debt securities, the Group used the criteria referred to in (a) above. In the case of equity investments classified as available-for-sale, a significant or prolonged decline in the fair value of the security below its cost was also evidence that the assets were impaired. If any such evidence exists for available-for-sale financial assets, the cumulative loss – measured as the difference between the acquisition cost and the current fair value, less any impairment loss on that financial asset previously recognised in income statement – was removed from equity and recognised in the income statement. If, in a subsequent period, the fair value of the instrument classified as available-for-sale increases and the increase could be objectively related to an event occurring after the impairment loss was recognised in income statement, the impairment loss to the extent of such change was reversed through the income statement.

(c) 已重組貸款

須作組合減值評估或屬個別重大的貸款如已重新協商條款，會被視為已重組貸款處理。

(c) Renegotiated loans

Loans that were either subject to collective impairment assessment or individually significant and whose terms had been renegotiated were treated as renegotiated loans.

採納香港財務報告準則第9號導致確認、分類及計量金融資產以及金融資產減值的會計政策出現變動。香港財務報告準則第9號亦大幅修訂其他有關金融工具的標準，例如香港財務報告準則第7號「金融工具：披露」。

The adoption of HKFRS 9 has resulted in changes in the accounting policies for recognition, classification and measurement of financial assets and impairment of financial assets. HKFRS 9 also significantly amends other standards dealing with financial instruments such as HKFRS 7 “Financial Instruments: Disclosures”.

下文披露有關採納香港財務報告準則第9號對本集團的影響。

Set out below are disclosures relating to the impact of the adoption of HKFRS 9 on the Group.

3.1. 金融工具的分類和計量

3.1. Classification and measurement of financial instruments

於二零一八年一月一日，因金融工具分類及計量而對本集團保留溢利的影響總額如下：

The total impact on the Group’s retained profits due to classification and measurement of financial instruments as at 1 January 2018 is as follows:

	附註 Notes	千港元 HK\$'000
期初保留溢利－香港會計準則第39號	Opening retained profits – HKAS 39	5,889,254
將證券投資從可供出售重新分類至以公平值變化計入損益所引致由公平值儲備轉撥到保留溢利	Transfer from fair value reserve arising from reclassification of investment securities from available-for-sale to FVPL	
	3.1(a)	203,305
貸款組合減值撥備增加	Increase in impairment allowance on loan portfolio	(2)
增加減值撥備於	Increase in impairment allowance on	
－現金及短期資金	— cash and short-term funds	(1,041)
－按攤銷成本列賬的證券投資	— investment securities at amortised cost	(1,245)
－以公平值變化計入其他全面收益的證券投資	— investment securities at FVOCI	(506)
採納香港財務報告準則第9號而對保留溢利調整	Adjustment to retained profits from adoption of HKFRS 9	200,511
期初保留溢利－香港財務報告準則第9號	Opening retained profits – HKFRS 9	6,089,765

下表分析過渡至香港財務報告準則第9號對本集團於二零一八年一月一日的綜合財務狀況表的影響。金融負債的分類及計量並無變動。

The following table analyses the impact of transition to HKFRS 9 on the consolidated statement of financial position of the Group as at 1 January 2018. There were no changes to the classification and measurement of financial liabilities.

		香港會計準則 第39號 於二零一七年 十二月三十一日 已審計 HKAS 39 Audited as at 31 December 2017			重新分類 Reclassification	減值撥備 Impairment allowances	香港財務報告 準則第9號 於二零一八年 一月一日 HKFRS 9 as at 1 January 2018
		附註 Notes	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
資產	ASSETS						
現金及短期資金	Cash and short-term funds	3.2(b)	25,278,190	-	(1,041)		25,277,149
應收利息及匯款	Interest and remittance receivables		343,978	-	-		343,978
衍生金融工具	Derivative financial instruments		333,727	-	-		333,727
貸款組合淨額	Loan portfolio, net	3.2(a)	7,829,441	-	(2)		7,829,439
證券投資：	Investment securities:						
— 以公平值變化計入 其他全面收益	— fair value through other comprehensive income	3.1(c)	-	5,480,912	-		5,480,912
— 以公平值變化計入損益	— fair value through profit or loss	3.1(a)	-	1,657,750	-		1,657,750
— 按攤銷成本列賬	— amortised cost	3.1(b), 3.2(c)	-	10,347,834	(1,245)		10,346,589
— 可供出售	— available-for-sale	3.1(a), (c)	7,138,662	(7,138,662)	-		-
— 持有至到期	— held-to-maturity	3.1(b)	10,347,834	(10,347,834)	-		-
預付款項、按金 及其他資產	Prepayments, deposits and other assets		67,154	-	-		67,154
固定資產	Fixed assets		34,329	-	-		34,329
遞延稅項資產	Deferred tax assets		295	-	-		295
再保險資產	Reinsurance assets		164,601	-	-		164,601
資產總額	Total assets		51,538,211	-	(2,288)		51,535,923
負債	LIABILITIES						
應付利息	Interest payable		192,133	-	-		192,133
應付賬項、應付開支 及其他負債	Accounts payable, accrued expenses and other liabilities		5,363,263	-	-		5,363,263
衍生金融工具	Derivative financial instruments		119,064	-	-		119,064
當期稅項負債	Current tax liabilities		116,288	-	-		116,288
保險負債	Insurance liabilities		1,130,150	-	-		1,130,150
已發行債務證券	Debt securities issued		34,840,706	-	-		34,840,706
負債總額	Total liabilities		41,761,604	-	-		41,761,604
權益	EQUITY						
權益持有人應佔股本 及儲備：	Capital and reserves attributable to the equity holders:						
股本	Share capital		2,000,000	-	-		2,000,000
保留溢利	Retained profits	3.1 (a), 3.2	5,889,254	203,305	(2,794)		6,089,765
風險儲備	Contingency reserve		1,679,837	-	-		1,679,837
公平值儲備	Fair value reserve	3.1(a), 3.2(c)	207,516	(203,305)	506		4,717
權益總額	Total equity		9,776,607	-	(2,288)		9,774,319
負債及權益總額	Total liabilities and equity		51,538,211	-	(2,288)		51,535,923

下表載列因採納香港財務報告準則第9號而導致證券投資重新分類對本集團公平值儲備及保留溢利的影響。

The following table shows the impact on fair value reserve and retained profits of the Group due to the reclassification of investment securities on the adoption of HKFRS9.

		對公平值儲備 的影響 (可供出售) Effect on fair value reserve (available-for- sale)	對公平值儲備的 影響(以公平值 變化計入其他 全面收益) [#] Effect on fair value reserve (FVOCI) [#]	對保留溢利 的影響 [#] Effect on retained profits [#]
	附註 Notes	千港元 HK'000	千港元 HK'000	千港元 HK'000
期初餘額－香港會計準則第39號	Opening balance – HKAS 39	207,516	–	5,889,254
投資由可供出售重新分類為以 公平值變化計入損益	Reclassify investments from available-for-sale to FVPL	3.1(a)	(203,305)	203,305
債務證券由可供出售重新分類為 以公平值變化計入其他全面收益	Reclassify debt securities from available-for-sale to FVOCI	3.1(c)	(4,211)	–
影響總額	Total impact	(207,516)	4,211	203,305
期初餘額－香港財務報告準則 第9號	Opening balance – HKFRS 9	–	4,211	6,092,559

[#] 未經減值調整。請參閱下文附註3.2。

[#] before adjustment for impairment. See note 3.2 below.

**(a) 由可供出售重新分類為以公平
值變化計入損益**

於二零一八年一月一日，本集團於交易所買賣基金及房地產投資信託基金的證券投資總額1,657,750,000港元已從可供出售金融資產重新分類為以公平值變化計入損益(附註20(b))。根據香港財務報告準則第9號，該等投資不符合分類為攤銷成本及以公平值變化計入其他全面收益的標準，因為其現金流量並不僅代表支付本金及利息，及該等證券投資無法從發行人的角度滿足純股權定義，藉以於初始確認時作出不可撤銷的選擇以公平值變化計入其他全面收益。有關累計公平值收益203,305,000港元已於二零一八年一月一日從可供出售投資的公平值儲備轉撥至保留溢利。截至二零一八年十二月三十一日止年度，與該等投資有關的淨虧損為13,500,000港元，已在損益中確認(附註10)。

(a) Reclassification from available-for-sale to FVPL

The Group's investment securities in exchange-traded funds and real estate investment trusts were reclassified from available-for-sale to financial assets at FVPL amounting to HK\$ 1,657,750,000 as at 1 January 2018 (Note 20(b)). They do not meet the criteria to be classified as amortised cost and FVOCI in accordance with HKFRS 9, because their cash flows do not represent solely payments of principal and interest and these investment securities cannot fulfil the pure equity definition from the issuer's perspective in order to make an irrevocable election on initial recognition at FVOCI. Related accumulated fair value gain of HK\$203,305,000 were transferred from the fair value reserve for available-for-sale investments to retained profits on 1 January 2018. For the year ended 31 December 2018, net loss related to these investments amounting to HK\$13,500,000 were recognised in profit or loss (Note 10).

(b) 由持有至到期重新分類為攤銷成本

先前被分類為持有至到期的債務投資現分類為攤銷成本。本集團擬持有該資產以收取合約現金流量，而該等現金流量僅包括本金及未償還本金的利息。於二零一八年一月一日，該等金融資產的先前賬面值與經修訂賬面值之間並無差異，所以於期初保留溢利中並無確認任何調整。

(c) 可供出售債務投資為分類為以公平值變化計入其他全面收益

債務投資從可供出售重新分類為以公平值變化計入其他全面收益，因為本集團乃透過收取合約現金流量及出售該等資產實現其業務模式。該等投資的合約現金流量僅為本金和利息。因此，公平值為5,480,912,000港元的上市及非上市債務投資已從可供出售金融資產重新分類至以公平值變化計入其他全面收益的金融資產(附註20(a))，而累計公平值收益4,211,000港元於二零一八年一月一日從可供出售投資公平值儲備重新分類為以公平值變化計入其他全面收益投資的公平值儲備。

(b) Reclassification from held-to-maturity to amortised cost

Debt investments that would have previously been classified as held-to maturity are now classified as amortised cost. The Group intends to hold the assets to collect contractual cash flows and these cash flows consist solely of payments of principal and interest on the principal amount outstanding. There was no difference between the previous carrying amount and the revised carrying amount of these financial assets at 1 January 2018 to be recognised in opening retained profits.

(c) Available-for-sale debt investments classified as FVOCI

Debt investments were reclassified from available-for-sale to FVOCI, as the Group's business model is achieved both by collecting contractual cash flows and selling of these assets. The contractual cash flows of these investments are solely principal and interest. As a result, listed and unlisted debt investments with a fair value of HK\$5,480,912,000 were reclassified from available-for-sale financial assets to financial assets at FVOCI (Note 20(a)) and accumulated fair value gains of HK\$4,211,000 were reclassified from the fair value reserve for available-for-sale investments to fair value reserve for FVOCI investments on 1 January 2018.

3.2. 金融資產減值

根據香港財務報告準則第9號，本集團有四種受預期信貸虧損模式影響的金融資產：

- 貸款組合；
- 現金及短期資金；
- 以公平值變化計入其他全面收益的證券投資；及
- 按攤銷成本列賬的證券投資。

3.2. Impairment of financial assets

The Group has four types of financial assets subject to expected credit loss (**ECL**) model under HKFRS 9:

- loan portfolio;
- cash and short-term funds;
- investments securities at FVOCI; and
- investments securities at amortised cost.

本集團須就每類資產按照香港財務報告準則第9號修訂其減值方法。

減值方法變動對本集團權益的影響披露如下。

(a) 貸款組合

對於二零一八年一月一日已存在的貸款組合，本集團認為於初始確認每項貸款或應收款項時作可靠地評估其違約概率將會過度耗用成本及工作量。按香港財務報告準則第9號准許，減值撥備一般根據具有類似信貸風險特徵的貸款組合及逾期日數而釐定。貸款減值撥備2,000港元已於二零一八年一月一日的保留溢利中確認，並已採用附註4.2(a)所述的減值方法。附註4.2(a)將二零一八年一月一日的減值撥備與報告期末的減值撥備作對賬。

(b) 現金及短期資金

現金及短期資金被視為低風險，因此減值撥備被確定為12個月的預期信貸虧損。減值撥備1,041,000港元已於二零一八年一月一日的保留溢利中確認，並已採用附註4.2(b)所述的減值方法。

(c) 債務證券投資

按攤銷成本和以公平值變化計入其他全面收益的債務證券投資被視為低風險，因此減值撥備被確定為12個月的預期信貸虧損。按攤銷成本及以公平值變化計入其他全面收益投資的減值撥備分別為1,245,000港元及506,000港元，已於二零一八年一月一日的保留溢利中確認，並已採用附註4.2(c)所述的減值方法。

The Group was required to revise its impairment methodology in compliance with HKFRS 9 for each of these classes of assets.

The impact of the change in impairment methodology on the Group's equity is disclosed below.

(a) Loan portfolio

For loan portfolio already in place at 1 January 2018, the Group has determined that reliably assessing the probability of default at the initial recognition of each loan or receivable would result in undue cost and effort. As permitted by HKFRS 9, the impairment allowance is determined in general based on loan portfolio with similar credit risk characteristics and the days past due. Charge of loan impairment allowances of HK\$2,000 was recognised in retained profits as at 1 January 2018 for which the impairment methodology described in Note 4.2(a) has been applied. Note 4.2(a) reconciles the impairment allowance as at 1 January 2018 to that at the end of the reporting period.

(b) Cash and short-term funds

Cash and short-term funds are considered to be low risk, and thus the impairment allowance is determined as 12-month ECLs. Charge of impairment allowances of HK\$1,041,000 was recognised in retained profits as at 1 January 2018 for which the impairment methodology described in Note 4.2(b) has been applied.

(c) Investments in debt securities

Investments in debt securities at amortised cost and those at FVOCI are considered to be low risk, and thus the impairment allowance is determined as 12-month ECLs. Charge of impairment allowances of HK\$1,245,000 and HK\$506,000 for investments at amortised cost and for investments at FVOCI respectively were recognised in retained profits as at 1 January 2018 for which the impairment methodology described in Note 4.2(c) has been applied.

4. 財務風險管理

4.1. 採用金融工具策略

本集團的主要業務為(i)購買按揭或貸款組合；(ii)透過發行債券為購買資產籌集資金；(iii)向認可機構所承造以香港住宅物業作抵押的按揭貸款，提供按揭保險；(iv)向認可機構所承造的香港中小企及非上市公司貸款，提供財務擔保；(v)向認可機構為長者所承造的安老按揭，提供保險保障；(vi)向認可機構為資助房屋計劃業主用於補地價的一筆過貸款，提供保險保障；(vii)提供一個中央平台以支援小型貸款的運作；及(viii)於或自香港提供終身年金產品。根據其性質，本集團業務主要使用金融工具包括現金、貸款、債務及衍生工具。

本集團的業務面對多種財務風險，該等業務涉及分析、評估、承擔及管理一定程度的風險或風險組合。本集團於維持財務表現過程中審慎管理風險。

企業風險管理委員會乃於集團層面設立監督企業範圍內的風險事項(包括財務及非財務風險)。各類風險的政策及限額由本公司各管理委員會(包括信貸委員會、資產負債管理委員會、交易核准委員會及營運風險管理委員會)監控及定期檢討，並向企業風險管理委員會報告。

4. Financial risk management

4.1. Strategy in using financial instruments

The major activities of the Group are (i) to purchase portfolios of mortgages or loans; (ii) to raise financing for its purchase of assets through issuance of debt securities; (iii) to provide mortgage insurance cover to AIs in respect of mortgage loans originated by such AIs and secured on residential properties in Hong Kong; (iv) to provide financial guarantee cover to AIs in respect of loans originated by such AIs to SMEs and non-listed enterprises in Hong Kong; (v) to provide insurance cover to AIs in respect of reverse mortgage loans originated by such AIs to elderly people; (vi) to provide insurance cover to AIs in respect of lump-sum loans to owners of properties of subsidised housing schemes for land premium settlement; (vii) to operate a centralised microfinance platform to support microfinance loans; and (viii) to offer life annuity products in or from Hong Kong. By their nature, the Group's activities are principally related to the use of financial instruments including cash, loans, debts and derivatives.

The Group's activities expose it to a variety of financial risks and those activities involve the analysis, evaluation, acceptance and management of some degree of risk or combination of risks. The Group manages the risks in a prudent manner in sustaining the Group's financial performance.

The Corporate Risk Management Committee is set up at group level to provide oversight of the enterprise-wide risk matters including financial and non-financial risks. The policies and limits for various risks are monitored and reviewed regularly by various management committees of the Company, including the Credit Committee, Asset and Liability Committee (**ALCO**), Transaction Approval Committee (**TAC**) and Operational Risk Committee (**ORC**) which report to the Corporate Risk Management Committee.

信貸委員會監察資產收購及小型貸款計劃的信貸政策及標準。資產負債管理委員會監察經董事局批准的市場風險管理及投資指引的執行情況。交易核准委員會負責根據最新市況及董事局批准的業務策略，深入分析業務交易的定價基礎及風險。營運風險管理委員會負責確保所有運作部門，都採取有效的營運風險及內部監控機制。該委員會也會負責就運作部門在政策、監控和管理等運作事宜發生問題時，提供指引和解決方法。倘若有審核結果涉及營運風險和內部監控，該委員會會確保盡快採取恰當的糾正措施。此外，集團內部審核部負責獨立審查本集團的內部監控系統。

就一般保險業務而言，香港按揭保險有限公司（按揭保險公司）已成立風險委員會，其作為獨立監督委員會，負責協助其董事會監督風險管理架構的實施及管理按揭保險公司所面臨的所有風險。至於香港年金有限公司（香港年金公司），則成立風險委員會以管理全企業的风险事宜，包括財務及非財務風險。

最重要的風險類型為信貸風險、市場風險（包括貨幣風險、利率風險及股票價格風險）、流動資金風險及保險風險。

The Credit Committee oversees the credit policies and standards for asset acquisition and Microfinance Scheme. The ALCO oversees the implementation of market risk management and investment guidelines approved by the Board of Directors. The TAC conducts an in-depth analysis of pricing economics and associated risks for business transactions, whilst taking into consideration the latest market conditions and business strategies approved by the Board. The ORC is responsible for ensuring that all business entities and line functions maintain an effective operational risk and internal control framework. The ORC is also responsible for providing directions and resolving issues related to policies, controls and management of operational issues referred to by line functions, as well as ensuring prompt and appropriate corrective action in response to audit findings related to operational risks or internal controls. In addition, Group Internal Audit Department is responsible for the independent review of the internal control systems of the Group.

In respect of general insurance business, a Risk Committee is established by HKMC Insurance Limited (**HKMCI**) as an independent oversight committee to assist its Board to oversee implementation of risk management framework and manage all risks faced by the HKMCI. For HKMC Annuity Limited (**HKMCA**), a Risk Committee is established to manage the enterprise-wide risk matters, including financial and non-financial risks.

The most important types of risks are credit risk, market risk which includes currency risk, interest rate risk and equity price risk, liquidity risk and insurance risk.

4.2. 信貸風險

本集團主要金融資產為其貸款組合、證券投資、現金及短期資金及外匯基金存款。流動資金及證券投資的信貸風險有限，因為交易對手主要是主權國、半主權國機構、銀行及公司，其信貸評級須符合按照董事局批准的投資指引的最低要求。年金公司的資本及保費收入存放於香港金融管理局（香港金管局）管理的外匯基金。由於交易對手為香港特別行政區政府（政府），故外匯基金存款的信貸風險非常有限。

本集團的信貸風險主要來自其貸款組合，即借款人於款項到期時未能全數償還的風險。

經濟及本地物業市場出現的重大轉變可能導致的虧損有別於呈報期末之撥備。因此本集團就管理信貸風險訂下審慎政策。

為維持資產組合的素質，本集團採取四項策略：(i) 按既定準則挑選核准賣方，(ii) 採取審慎的資產購買準則，(iii) 進行有效的盡職審查程序及(iv) 確保較高風險的資產或交易有足夠的保障。

本集團的按揭貸款信貸風險分散於眾多客戶及交易對手，而本集團按揭風險之相關抵押品則坐落於香港。

4.2. Credit risk

The Group's principal financial assets are its loan portfolio, investment securities, cash and short-term funds and placements with the Exchange Fund. The credit risk on liquid funds and investment securities is limited because the credit ratings of the counterparties, mainly sovereigns, quasi-sovereign agencies, banks and companies, should meet the minimum requirement in accordance with the investment guidelines approved by the Board of Directors. The capital and premium receipts of the HKMCA are placed with the Exchange Fund managed by the Hong Kong Monetary Authority (HKMA). The credit risk on the placements with the Exchange Fund is very limited as it is exposure to the Government of the Hong Kong Special Administrative Region (Government).

The Group's credit risk is primarily attributable to its loan portfolio, which is the risk that a loan borrower will be unable to pay amounts in full when due.

Significant changes in the economy and local property market could result in losses that are different from those provided for at the end of the reporting period. The Group therefore has a prudent policy for managing its exposure to credit risk.

To maintain the quality of the asset portfolios, the Group adheres to a four-pronged approach to (i) select Approved Sellers with established criteria, (ii) adopt prudent asset purchasing criteria, (iii) conduct effective due diligence reviews and (iv) ensure adequate protection for higher-risk assets or transactions.

Credit risk exposures on mortgage loans of the Group are spread over a large number of customers and counterparties. The underlying collaterals on the Group's mortgage exposures are located in Hong Kong.

本集團尤其注重對問題貸款進行持續信貸審查。業務部門將監控該等貸款，並盡力為收回款項採取如與借款人制定寬減計劃從而加強貸款回收力度。根據信貸委員會批准的指引為貸款定期進行減值評估，減值撥備亦於收益表扣除。

抵押品及其他信貸安排加強措施

本集團已實施關於接受用以減低信貸風險的特定類別的抵押品的指引。該等指引定期進行檢討。

貸款組合

按揭貸款組合的主要抵押品類型包括物業及遞延代價(附註26)。至於融資租約應收賬款的抵押品類型包括的士和公共小巴牌照。按揭貸款組合和融資租約應收賬款一般有充足的抵押。目前物業抵押品的價值是以公開指數按組合基礎而確定。至於其他非按揭貸款組合，一般並不尋求抵押品。

銀行定期存款、證券投資及外匯基金存款

銀行定期存款一般不尋求抵押，因為其交易對手的性質，和短期內到期，故被視為低風險。證券投資及外匯基金存款一般沒有抵押。

The Group undertakes ongoing credit review with special attention paid to problem loans. Operation units will monitor these loans and take recovery action such as establishing relief plan with borrowers in order to maximise recoveries. Loan impairment assessment is performed regularly and impairment allowance is charged to income statement in accordance with the guidelines approved by the Credit Committee.

Collateral and other credit enhancements

The Group has implemented guidelines on the acceptability of specific classes of collateral on credit risk mitigation, which are subject to regular review.

Loan portfolio

The principal collateral types for mortgage portfolio mainly consist of properties and the deferred consideration (Note 26). For finance lease receivable, the collateral types include taxi and public light bus licenses. Mortgage portfolio and finance lease receivable are generally fully secured by collateral. The current collateral value of properties is determined with the use of public indices on a portfolio basis. For other non-mortgage portfolio, no collateral is generally sought.

Time deposits with banks, investment securities and placements with the Exchange Fund

Collaterals are generally not sought for time deposits with banks as the exposures are considered to be low risk due to the nature of the counterparties and short term maturity. Investment securities and placements with the Exchange Fund are generally unsecured.

衍生金融工具

本集團與所有衍生工具之交易對手簽訂國際掉期及衍生工具協會主協議。按照該協議，倘若其中一方出現違約事件，另一方可以淨額結算所有未平倉的金額。本集團亦跟其主要交易對手，與主協議同時執行信貸支持附件。根據信貸支持附件，雙方可以透過轉移抵押品，減輕未平倉時存在的交易對手風險。

至於金融工具，如衍生工具，本集團按照投資指引及信貸風險政策所制定的交易對手風險限額予以監察。交易對手風險限額由信貸風險委員會每年定期檢討。無論於何時，交易對手風險的上限為對本集團有利的工具（即公平值為正數的資產）的現有公平值，就衍生工具而言，公平值僅佔合約價值或用於反映未平倉工具數量的估算價值的小部分。交易對手風險作為交易對手整體信貸限額的一部分，與市場波動的潛在風險一併管理。

按揭保險合約、其他擔保和保險合約

詳情在附註 4.5 披露。

結算風險存在於任何以現金、證券或股票支付並期望收取相應現金、證券或股票的情況。為涵蓋本集團於任何單一日期因市場交易產生的所有結算風險的總額，對每名交易對手均設有每日結算限額。

Derivative financial instruments

The Group enters into International Swaps and Derivatives Association master agreement with all counterparties for derivative transactions where each party will be able to settle all outstanding amounts on a net basis in the event of default of the other party. The Group also executed Credit Support Annex (**CSA**) with its major counterparties in conjunction with the master agreement. Under CSA, collateral is passed between the parties to mitigate the counterparty risk inherent in outstanding positions.

For financial instruments such as derivatives, exposures are monitored against counterparty risk limits established in accordance with the investment guidelines and credit risk policy of the Group. These counterparty risk limits are subject to regular review by the Credit Committee on an annual basis. At any one time, the amount subject to counterparty risk is limited to the current fair value of instruments favourable to the Group (i.e. assets with positive fair value), which in relation to derivatives is only a small fraction of the contract, or notional values used to express the volume of instruments outstanding. This counterparty risk exposure is managed as part of the overall credit limits with counterparties, together with potential exposures from market movements.

Mortgage insurance contracts, other guarantee and insurance contracts

The details are disclosed in Note 4.5.

Settlement risk arises in any situation where a payment in cash, securities or equities is made in the expectation of a corresponding receipt in cash, securities or equities. Daily settlement limits are established for each counterparty to cover the aggregate of all settlement risk arising from the Group's market transactions on any single day.

預期信貸虧損計量

就金融資產而言，將應用下述信貸風險模型：

本集團於初始確認資產時，評估其違約率，以及於各報告期持續評估信貸風險及信貸減值是否有明顯增加。為評估信貸風險有否明顯增加，本集團將資產於報告日的違約風險與資產於初始確認時的違約風險進行比較。評估考慮可用合理及輔助性前瞻資料，並特別納入下述指標：

- 外部信貸評級（盡可能取得）；
- 業務、財務或經濟狀況的實際或預期重大不利變動，而預期對借款人履行責任的能力構成重大改變；
- 借款人財務狀況的實際或預期重大變動；
- 相同借款人的其他金融工具的信貸風險明顯增加；
- 支持其責任的抵押品價值或第三方擔保或信貸安排加強措施的質素發生重大變動；及
- 借款人預期表現及行為的重大變動，包括該組合內借款人付款狀況變動及借款人財務狀況變動。

本集團採用三階段方法計量貸款組合、現金及短期資金以及按攤銷成本入賬及以公平值變化計入其他全面收益的債務工具的預期信貸虧損，金融資產自初始確認後根據信貸質素的變化按以下三個階段進行轉移：

ECL measurement

For financial assets, the following credit risk modelling applies:

The Group considers the probability of default upon initial recognition of asset and whether there has been a significant increase in credit risk and credit impaired on an ongoing basis throughout each reporting period. To assess whether there is a significant increase in credit risk, the Group compares the risk of a default occurring on the asset as at the reporting date with the risk of default as at the date of initial recognition. It considers available reasonable and supportive forward-looking information. Especially the following indicators are incorporated:

- External credit rating (as far as available);
- Actual or expected significant adverse changes in business, financial or economic conditions that are expected to cause a significant change to the borrower's ability to meet its obligations;
- Actual or expected significant changes in the financial conditions of the borrower;
- Significant increases in credit risk on other financial instruments of the same borrower;
- Significant changes in the value of the collateral supporting the obligation or in the quality of third-party guarantees or credit enhancements; and
- Significant changes in the expected performance and behaviour of the borrower, including changes in the payment status of borrowers in the group and changes in the financial conditions of the borrower.

A three-stage approach to measuring ECLs is applied on loan portfolio, cash and short-term funds and debt instruments accounted for at amortised cost and FVOCI. Financial assets migrate through the following three stages based on the change in credit quality since initial recognition:

第一階段：12個月預期信貸虧損

對於初始確認後信貸風險未顯著增加及於產生時未出現信貸減值的其預期年限信貸虧損中與未來12個月內發生的違約率相關的虧損部份被確認。

第二階段：預期年限信貸虧損－未發生信貸減值

對於信貸風險，自初始確認後信貸風險顯著增加但未發生信貸減值，則確認預期年限信貸虧損。

第三階段：預期年限信貸虧損－信貸減值

當一項或多項事件對金融資產的估計未來現金流量產生不利影響時，該資產即評估為發生信貸減值。對於發生信貸減值的金融資產，確認預期年限信貸虧損，其利息收入的計算按應用實際利率於攤銷成本（扣除減值撥備）而非賬面總值來計算。

預期信貸虧損源自不偏不倚和概率加權估計的預期虧損。預期信貸虧損的金額使用減值撥備賬確認，此賬戶中的變動計入損益表。

於初始確認時，需要為未來12個月內可能發生的違約事件導致的預期信貸虧損計提減值撥備。於各報告日，本集團通過比較報告日與初始確認日之間預期年期發生的違約風險，評估自初始確認後金融資產的信貸風險是否顯著增加。倘信貸風險大幅增加，則需要為金融資產的預期年期內所有可能發生的違約事件均計提減值撥備。如在隨後的一段時間內，信貸質量得到改善並扭轉自初始確認以來任何先前評估的信貸風險顯著增加，減值撥備則將從預期年限信貸虧損恢復為12個月預期信貸虧損。

Stage 1: 12-month ECLs

For exposures where there has not been a significant increase in credit risk since initial recognition and that are not credit impaired upon origination, the portion of the lifetime ECLs associated with the probability of default events occurring within the next 12 months is recognised.

Stage 2: Lifetime ECLs – not credit impaired

For credit exposures where there has been a significant increase in credit risk since initial recognition but that are not credit impaired, a lifetime ECL is recognised.

Stage 3: Lifetime ECLs – credit impaired

Financial assets are assessed as credit impaired when one or more events that have a detrimental impact on the estimated future cash flows of that asset have occurred. For financial assets that have become credit impaired, a lifetime ECL is recognised and interest income is calculated by applying the effective interest rate to the amortised cost (net of impairment provision) rather than the gross carrying amount.

ECLs are derived from unbiased and probability-weighted estimates of expected loss. The amount of the ECLs is recognised using an impairment allowance account with the movement in this account charged to income statement.

At initial recognition, impairment allowance is required for ECLs resulting from default events that are possible within the next 12 months. At each reporting date, the Group assesses whether there has been a significant increase in credit risk for financial assets since initial recognition by comparing the risk of default occurring over the expected life between the reporting date and the date of initial recognition. In the event of a significant increase in credit risk, impairment allowance is required from all possible default events over the expected life of the financial assets. If, in a subsequent period, credit quality improves and reverses any previously assessed significant increase in credit risk since origination, then the impairment allowance reverts from lifetime ECLs to 12-month ECLs.

倘並無合理預期可收回，例如債務人未能與本集團訂立還款計劃，該金融資產將予以註銷。在所有必要程序基本完成並且已確定虧損金額後，貸款將予以註銷。在註銷貸款的情況下，本集團繼續進行強制執行活動以嘗試收回到期應收款項。倘收回有關款項，則在損益中確認。

Financial assets are written off when there is no reasonable expectation of recovery, such as a debtor failing to engage in a repayment plan with the Group. Loans are written off after all the necessary procedures have substantially been completed and the amount of the loss has been determined. Where loans have been written off, the Group continues to engage in enforcement activity to attempt to recover the receivable due. Where recoveries are made, these are recognised in profit or loss.

(a) 貸款組合

本集團將貸款按其信貸風險分為三類，以及如何確定各類別的貸款虧損撥備。

本集團預期信貸虧損貸款模型的假設概述如下：

(a) Loan portfolio

The Group uses three categories for loans which reflect their credit risk and how the loan loss provision is determined for each of those categories.

A summary of the assumptions underpinning the Group's ECL model on loans is as follows:

類別 Category	類別的定義 Definition of category	確認預期信貸虧損撥備的基礎 Basis for recognition of ECL provision
第一階段 Stage 1	借款人違約風險較低，並有足夠能力履行合約現金流量。 Borrowers have a low risk of default and a strong capacity to meet contractual cash flows.	12個月預期信貸虧損（如資產的預期年期少於12個月，則預期虧損按其預期年期計量。） 12-month ECLs (Where the expected lifetime of an asset is less than 12 months, expected losses are measured at its expected lifetime.)
第二階段 Stage 2	貸款的信貸風險大幅增加；如利息及/或本金還款逾期超過30天，則假定為信貸風險顯著增加。 Loans for which there is a significant increase in credit risk; as significant increase in credit risk is presumed if interest and/or principal repayments are more than 30 days past due.	預期年限信貸虧損—未發生信貸減值 Lifetime ECLs – not credit impaired
第三階段 Stage 3	利息及/或本金還款逾期90天。 Interest and/or principal repayments are 90 days past due.	預期年限信貸虧損—信貸減值 Lifetime ECLs – credit impaired
註銷 Write-off	並無合理預期可收回逾期利息及/或本金還款。 There is no reasonable expectation of recovery on the delinquent interest and/or principal repayments.	註銷資產 Asset is written off

然而，在若干情況下，本集團對所持有的任何信貸安排加強措施前，內部或外部資料顯示本集團不可能全數收取未償還合約金額時，本集團將貸款視作違約。

在貸款期限內，本集團及時為預期信貸虧損作適當撥備，以應對其信貸風險。在計算預期信貸虧損率時，本集團考慮每類貸款組合的歷史虧損率，並以前瞻性宏觀經濟數據作出調整。

下表載有已確認減值撥備的貸款組合的信貸風險分析。

However, in certain cases, the Group will also consider a loan to be in default when internal or external information indicates that the Group is unlikely to receive the outstanding contractual amounts in full before taking into account any enhancements held by the Group.

Over the term of the loans, the Group accounts for its credit risk by appropriately providing for ECLs on a timely basis. In calculating the ECL rates, the Group considers historical loss rates for each category of loan portfolio, and adjusts for forward-looking macroeconomic data.

The following table contains an analysis of the credit risk exposure of loan portfolio for which impairment allowance is recognised.

		於二零一八年十二月三十一日 As at 31 December 2018			
		第一階段 Stage 1 千港元 HK\$'000	第二階段 Stage 2 千港元 HK\$'000	第三階段 Stage 3 千港元 HK\$'000	總額 Total 千港元 HK\$'000
賬面總值	Gross carrying amount	6,435,587	1,615	5,528	6,442,730
減值撥備	Impairment allowance	(47)	(151)	(468)	(666)
賬面值	Carrying amount	6,435,540	1,464	5,060	6,442,064

於二零一八年十二月三十一日
的貸款組合減值撥備與期初減
值撥備之對賬如下：

The impairment allowance for loan portfolio as at 31
December 2018 reconciles to the opening impairment
allowance as follows:

		第一階段 Stage 1 千港元 HK\$'000	第二階段 Stage 2 千港元 HK\$'000	第三階段 Stage 3 千港元 HK\$'000	總額 Total 千港元 HK\$'000
於二零一七年十二月三十一日 根據香港會計準則第39號 的減值撥備	Impairment allowance as at 31 December 2017 under HKAS 39	3	-	383	386
根據香港財務報告準則第9號 透過期初保留溢利重列的 金額(附註3.1)	Amounts restated through opening retained profits under HKFRS 9 (Note 3.1)	2	-	-	2
於二零一八年一月一日根據 香港財務報告準則第9號的 經重列減值撥備	Restated impairment allowance as at 1 January 2018 under HKFRS 9	5	-	383	388
階段轉移所產生的 減值計量淨額	Net measurement of impairment arising from transfer of stage	-	485	516	1,001
因信貸風險變動而產生的變動	Movement due to changes in credit risk	42	-	-	42
收回未撇銷貸款	Recoveries of loans not written-off	-	(8)	(135)	(143)
		42	477	381	900
轉移至第三階段	Transfer to stage 3	-	(326)	326	-
註銷	Write-offs	-	-	(622)	(622)
於二零一八年十二月三十一日 的減值撥備(附註19)	Impairment allowance as at 31 December 2018 (Note 19)	47	151	468	666
貸款減值撥備	Charge of loan impairment allowance	42	477	381	900
收回及撥回已註銷貸款	Recoveries and release of loans previously written-off	-	-	(882)	(882)
減值撥備/(回撥)總額 (附註14)	Total charge/(write-back) of impairment allowance (Note 14)	42	477	(501)	18

(b) 現金及短期資金

於二零一八年十二月三十一日的現金及短期資金減值撥備與期初減值撥備對賬如下：

(b) Cash and short-term funds

The impairment allowance for cash and short-term funds as at 31 December 2018 reconciles to the opening impairment allowance as follows:

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000
於二零一七年十二月三十一日根據香港會計準則第39號的減值撥備	Impairment allowance as at 31 December 2017 under HKAS 39	–
根據香港財務報告準則第9號透過期初保留溢利重列的金額(附註3.1)	Amounts restated through opening retained profits under HKFRS 9 (Note 3.1)	1,041
於二零一八年一月一日根據香港財務報告準則第9號的經重列減值撥備	Restated impairment allowance as at 1 January 2018 under HKFRS 9	1,041
期內於損益確認的減值撥備變動(附註14)	Change in the impairment allowance recognised in profit or loss during the period (Note 14)	(95)
於二零一八年十二月三十一日的減值撥備(附註16)	Impairment allowance as at 31 December 2018 (Note 16)	946

根據經批准的投資指引，本集團僅可存款於發鈔銀行或達到特定最低信貸評級的銀行。

本集團已建立一個撥備矩陣，該矩陣基於每個交易對手的外部信用評級及相應的過往信貸虧損紀錄，並根據前瞻性宏觀經濟數據進行調整，以確定減值撥備的預期信貸虧損。

According to the approved investment guidelines, the Group can only place deposits with note-issuing banks or banks with a certain minimum credit rating.

The Group has established a provision matrix that is based on the external credit rating of each counterparty and the corresponding historical credit loss experience, adjusted for forward-looking macroeconomic data to determine the ECLs for impairment allowance.

鑒於所有存款銀行均獲評級機構評為投資級別，所有該等金融資產均被視為低風險，因此期內確認的減值撥備僅限於12個月預期信貸虧損。

於二零一八年十二月三十一日及二零一七年十二月三十一日，可接受的最低短期信貸評級為A-2(標準普爾)、P-2(穆迪)和F-2(惠譽)。

(c) 證券投資

根據經批准的投資指引，本集團僅可投資於達到特定最低信貸評級的債務證券。資產負債管理委員會對按評級別劃分的投資進行監察及檢討。

根據外部信貸機構的評級(標準普爾、穆迪及惠譽)，下列為呈報期末債務證券按評定級別的分析。如證券本身沒有特定的發行評級，則採用證券發行人的評級呈報。

All of these financial assets are considered to be low risk in view of all deposit banks are rated at investment grade by rating agencies, and thus the impairment allowance recognised during the period was limited to 12-month ECLs.

As at 31 December 2018 and 31 December 2017, the minimum acceptable short-term credit ratings are A-2 (Standard and Poor's), P-2 (Moody's) and F-2 (Fitch).

(c) Investment securities

According to the approved investment guidelines, the Group can only invest in debt securities with a certain minimum credit rating. The proportion of investments according to rating categories is monitored and reviewed by ALCO.

The table below presents an analysis of debt securities by rating classification as at the end of the reporting period, based on external credit agency's ratings (Standard and Poor's, Moody's and Fitch). In the absence of issue-specific ratings, the ratings for the issuers are reported.

		以公平值變化計入 其他全面收益的 證券投資 Investment securities at FVOCI	按攤銷成本 列賬的證券投資 Investment securities at amortised cost	總額 Total
於二零一八年十二月三十一日 As at 31 December 2018		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
AAA/Aaa	AAA/Aaa	30,105	711,904	742,009
AA-至AA+/Aa3至Aa1	AA- to AA+/Aa3 to Aa1	3,069,211	2,826,744	5,895,955
A-至A+/A3至A1	A- to A+/A3 to A1	1,992,348	8,009,627	10,001,975
總額	Total	5,091,664	11,548,275	16,639,939

		可供出售證券 Available-for-sale securities	持有至到期證券 Held-to-maturity securities	總額 Total
於二零一七年十二月三十一日 As at 31 December 2017		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
AAA/Aaa	AAA/Aaa	56,861	858,547	915,408
AA-至AA+/Aa3至Aa1	AA- to AA+/Aa3 to Aa1	3,468,224	3,147,190	6,615,414
A-至A+/A3至A1	A- to A+/A3 to A1	1,955,827	6,342,097	8,297,924
總額	Total	5,480,912	10,347,834	15,828,746

- (i) 按攤銷成本列賬(先前為持有至到期)的證券投資

按攤銷成本列賬的證券投資包括上市及非上市債務證券。於二零一八年十二月三十一日的按攤銷成本列賬的證券投資減值撥備與期初減值撥備對賬如下：

- (i) Investment securities at amortised cost (previously held-to-maturity)

Investment securities at amortised cost include listed and unlisted debt securities. The impairment allowance on investment securities at amortised cost as at 31 December 2018 reconciles to the opening impairment allowance as follows:

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000
於二零一七年十二月三十一日根據香港會計準則第39號的減值撥備	Impairment allowance as at 31 December 2017 under HKAS 39	-
根據香港財務報告準則第9號透過期初保留溢利重列的金額(附註3.1)	Amounts restated through opening retained profits under HKFRS 9 (Note 3.1)	1,245
於二零一八年一月一日根據香港財務報告準則第9號的經重列減值撥備	Restated impairment allowance as at 1 January 2018 under HKFRS 9	1,245
期內於損益確認的減值撥備變動(附註14)	Change in the impairment allowance recognised in profit or loss during the period (Note 14)	197
於二零一八年十二月三十一日的減值撥備(附註20(c))	Impairment allowance as at 31 December 2018 (Note 20(c))	1,442

本集團已建立一個撥備矩陣，該矩陣基於每個交易對手的外部信用評級及相應的過往信貸虧損紀錄，並根據前瞻性宏觀經濟數據進行調整，以確定減值撥備的預期信貸虧損。

The Group has established a provision matrix that is based on the external credit rating of each counterparty and the corresponding historical credit loss experience, adjusted for forward-looking macroeconomic data to determine the ECLs for impairment allowance.

鑒於所有按攤銷成本列賬的證券投資均獲評級機構評為投資級別，所有該等金融資產均被視為低風險，因此期內確認的減值撥備僅限於12個月的預期信貸虧損。

All of these financial assets are considered to be low risk in view of all investment securities at amortised cost are rated at investment grade by rating agencies, and thus the impairment allowance recognised during the period was limited to 12-month ECLs.

- (ii) 以公平值變化計入其他全面收益(先前為可供出售)的證券投資

- (ii) Investment securities at FVOCI (previously available-for-sale)

以公平值變化計入其他全面收益的證券投資包括上市及非上市債務證券。於二零一八年十二月三十一日的以公平值變化計入其他全面收益的證券投資減值撥備與期初減值撥備對賬如下：

Investment securities at FVOCI include listed and unlisted debt securities. The impairment allowance for investment securities at FVOCI as at 31 December 2018 reconciles to the opening impairment allowance as follows:

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000
於二零一七年十二月三十一日根據香港會計準則第39號的減值撥備	Impairment allowance as at 31 December 2017 under HKAS 39	–
根據香港財務報告準則第9號透過期初保留溢利重列的金額(附註3.1)	Amounts restated through opening retained profits under HKFRS 9 (Note 3.1)	506
於二零一八年一月一日根據香港財務報告準則第9號的經重列減值撥備	Restated impairment allowance as at 1 January 2018 under HKFRS 9	506
期內於損益確認的減值撥備變動(附註14)	Change in the impairment allowance recognised in profit or loss during the period (Note 14)	14
於二零一八年十二月三十一日於其他全面收益確認的減值撥備	Impairment allowance recognised in OCI as at 31 December 2018	520

本集團已建立一個撥備矩陣，該矩陣基於每個交易對手的外部信用評級及相應的過往信貸虧損紀錄，並根據前瞻性宏觀經濟數據進行調整，以確定減值撥備的預期信貸虧損。

The Group has established a provision matrix that is based on the external credit rating of each counterparty and the corresponding historical credit loss experience, adjusted for forward-looking macroeconomic data to determine the ECLs for impairment allowance.

鑒於所有以公平值變化計入其他全面收益的證券投資均獲評級機構評為投資級別，所有該等金融資產均被視為低風險，因此期內確認的減值撥備僅限於12個月的預期信貸虧損。

All of these financial assets are considered to be low risk in view of all investment securities at FVOCI are rated at investment grade by rating agencies, and thus the impairment allowance recognised during the period was limited to 12-month ECLs.

- (d) 未計所持有抵押品或其他信貸安排加強措施的最高信貸風險分析如下：

本集團金融資產最高信貸風險與其賬面總額相等。在未計再保險安排下，本集團資產負債表外的最高信貸風險分析如下：

- (d) Maximum exposures to credit risk before taking into account of collateral held or other credit enhancements are analysed as follows:

The maximum exposures to credit risk of the financial assets of the Group are equal to their gross carrying amounts. The maximum exposures to credit risk of the off-balance sheet exposures of the Group before taking into account of reinsurance arrangements are as follows:

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000	於二零一七年 十二月三十一日 As at 31 December 2017 千港元 HK\$'000
風險投保總額	Total risk-in-force		
—按揭保險業務	— mortgage insurance business	23,736,830	21,100,756
—其他擔保及保險業務	— other guarantee and insurance business	9,644,703	6,876,730
		33,381,533	27,977,486

(e) 貸款組合的信貸素質分析如下：

(e) Credit quality of the loan portfolio is analysed as follows:

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000	於二零一七年 十二月三十一日 As at 31 December 2017 千港元 HK\$'000
未逾期亦未減值	Neither past due nor impaired	6,307,759	7,652,233
逾期但未減值	Past due but not impaired	134,503	177,213
已減值	Impaired	468	381
貸款組合總額	Gross loan portfolio	6,442,730	7,829,827
貸款減值撥備	Allowance for loan impairment	(666)	(386)
		6,442,064	7,829,441

於呈報期末未逾期亦未減值的貸款組合的信貸素質，可參考本集團採納的內部評級系統進行評估。

The credit quality of loans that were neither past due nor impaired as at the end of the reporting period can be assessed by reference to the internal rating system adopted by the Group.

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000	於二零一七年 十二月三十一日 As at 31 December 2017 千港元 HK\$'000
級別：	Grades:		
1至3	1 to 3	6,296,101	7,648,227
4	4	–	–
5	5	11,658	4,006
		6,307,759	7,652,233

1至3級包括無重大信貸風險或近期無逾期還款記錄的貸款，並持有不同水平的信貸安排加強措施，及持有作為擔保按揭貸款組合和融資租約應收賬款的抵押品。

4級包括近期有逾期還款記錄的貸款，並持有不同水平的信貸安排加強措施，及持有作為擔保按揭貸款組合和融資租約應收賬款的抵押品。

5級包括近期有逾期還款記錄的貸款，並持有作為擔保按揭貸款組合和融資租約應收賬款的抵押品。

(f) 逾期但未減值的貸款

以下為於呈報期末逾期但未減值的貸款總額分析：

Grades 1 to 3 include loans with either insignificant credit risk or no recent past due history; and with different levels of credit enhancements in addition to the collateral held as security for mortgage portfolio and finance lease receivable.

Grade 4 includes loans with recent past due history and with different levels of credit enhancement in addition to the collateral held as security for mortgage portfolio and finance lease receivable.

Grade 5 includes loans with recent past due history and with collateral held as security for mortgage portfolio and finance lease receivable.

(f) Loans past due but not impaired

The analysis below shows the gross amount of loans that were past due but not impaired at the end of the reporting period:

		於二零一八年 十二月三十一日 As at 31 December 2018 千港元 HK\$'000	於二零一七年 十二月三十一日 As at 31 December 2017 千港元 HK\$'000
逾期：	Past due:		
三個月或以下	Three months or less	133,090	176,723
六個月或以下， 但超過三個月	Six months or less but over three months	1,209	77
六個月以上	Over six months	204	413
總額	Total	134,503	177,213
其中抵押品的公平值	Of which fair value of collateral	2,644,395	2,409,667

(g) 個別減值的貸款

本集團未計所持有抵押品產生的現金流量的個別減值貸款為468,000港元(二零一七年: 381,000港元)。

本集團為個別減值貸款所持相關抵押品的公平值為零(二零一七年: 零)。

(h) 收回物業

本集團收回作為擔保的抵押品的資產。收回物業將在實際可行情況下盡快出售，所得款項用於減少未償還債項。收回物業於財務狀況表內歸類於「其他資產」項目下。如果在償還債務後尚有剩餘款項，將根據適用的法律，分配給資產的受益人。

(g) Individually impaired loans

Individually impaired loans of the Group before taking into account the cash flows from collateral held amounted to HK\$468,000 (2017: HK\$381,000).

The fair value of related collateral held for individually impaired loans of the Group was nil (2017: nil).

(h) Repossessed properties

The Group obtained assets by taking possession of collateral held as security. Repossessed properties are sold as soon as practicable, with the proceeds used to reduce the outstanding indebtedness and are classified in the statement of financial position within "Other assets". If excess funds arise after repayment of the outstanding indebtedness, they are distributed to the beneficiaries of the assets under the applicable laws.

4.3. 市場風險

本集團承擔的市場風險是指金融工具的公平值或未來現金流量因市價變動而波動的風險。市場風險乃因利率、貨幣及股票產品的未平倉合約而產生。所有該等合約均面對一般及特定市場變動及市場比率或市價(如利率、信貸差、匯率及股價)波動水平變動的風險。本集團所面對市場風險主要來自對公司具有不同價格重訂特性的金融工具的利率管理而產生，或者是以外幣定價的金融工具的淨風險。本集團亦採用公平值對沖，透過利率掉期對沖發行定息債券大部分現有利率風險，將浮息資金與浮息資產作出更好配對。本集團亦採用跨貨幣掉期，分別用作公平值對沖和經濟對沖，藉以對沖以外幣定價發行的債券的淨風險。

4.3. Market risk

The Group takes on exposure to market risks, 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 arise from open positions in interest rate, currency and equity products, all of which are exposed to general and specific market movements and changes in the level of volatility of market rates or prices such as interest rates, credit spreads, foreign exchange rates and equity prices. The Group's exposures to market risk primarily arise from the interest rate management of the entity's financial instruments of different repricing characteristics, or from the net exposure of the foreign currency denominated financial instruments. The Group hedges a major proportion of its existing interest rate risk of the fixed-rate bond issuance using fair value hedges in the form of interest rate swaps by swapping into floating-rate funding to better match the floating-rate assets. The Group also hedges the net exposure of the foreign-currency denominated debts issued by the use of cross-currency swaps as fair value hedges and economic hedges respectively.

市場風險主要由庫務部採用董事局批准的風險限額進行管理。關於利率風險管理、融資、對沖、投資的策略由資產負債管理委員會制定。該委員會定期舉行會議對金融市場及資產負債組合的近期狀況進行檢討。庫務部負責監察金融市場變動以及根據資產負債管理委員會制定的策略在現金、衍生工具、債務和投資市場執行交易。中台部門監察對風險限額的遵守情況及進行壓力測試以評估在極端狀況下可能產生的虧損規模。壓力測試結果由資產負債管理委員會進行檢討。

利率風險管理主要指對利息收入淨額對不同利率的敏感度進行監察，並透過對沖措施減低不利影響。利率曲線於二零一八年十二月三十一日平行下移20個基點，將使未來12個月的利息收入淨額減少約100萬港元(二零一七年：增加200萬港元)。類似的平行上移，將使未來12個月的利息收入淨額增加約100萬港元(二零一七年：減少200萬港元)。

於二零一八年十二月三十一日，如該日利率平行下移20個基點，年內溢利將減少約100萬港元(二零一七年：增加20萬港元)，於二零一八年十二月三十一日的公平值儲備增加約400萬港元(二零一七年：300萬港元)。如利率平行上移20個基點，年內溢利將增加100萬港元(二零一七年：減少30萬港元)，而公平值儲備將下調約400萬港元(二零一七年：300萬港元)。

於二零一八年十二月三十一日，在所有其他可變因素保持不變的情況下，如港元兌美元匯率下跌100點子，年內溢利將增加約2,000萬港元(二零一七年：1,700萬港元)。反之，如港元兌美元匯率上升100點子，則年內溢利將減少約2,000萬港元(二零一七年：1,700萬港元)。

The management of market risk is principally undertaken by the Treasury Department using risk limits approved by the Board of Directors. Strategies on interest rate risk management, financing, hedging, investments are formulated by ALCO. Regular meetings are held to review the latest conditions in the financial markets and the asset-liability portfolio mix. The Treasury Department is responsible for monitoring financial market movements and executing transactions in the cash, derivatives, debt and investment markets in accordance with the strategies laid down by ALCO. The middle office monitors the compliance of risk limits and performs stress tests to assess the potential size of losses that could arise in extreme conditions. The results of the stress tests are reviewed by ALCO.

A principal part of the interest rate risk management is to monitor the sensitivity of projected net interest income under different interest rate scenarios and to mitigate the negative impact through hedging operations. A 20 basis points parallel downward shift of the interest rate curve as at 31 December 2018 would decrease the future net interest income for the next twelve months by around HK\$1 million (2017: HK\$2 million increase) and increase by around HK\$1 million (2017: HK\$2 million decrease) for a similar upward parallel shift.

As at 31 December 2018, if interest rates at that date had experienced a 20 basis points parallel shift downwards, profit for the year would have been lower by around HK\$1 million (2017: HK\$0.2 million higher) and the fair value reserve would have been higher by around HK\$4 million (2017: HK\$3 million) as at 31 December 2018. If interest rates had experienced a 20 basis points parallel shift upwards, profit for the year would have been higher by HK\$1 million (2017: HK\$0.3 million lower) and the fair value reserve would have been lower by around HK\$4 million (2017: HK\$3 million).

As at 31 December 2018, with all other variables held constant, if the Hong Kong dollars had weakened by 100 price interest points against the US dollars, profit for the year would have been around HK\$20 million higher (2017: HK\$17 million). Conversely, if the Hong Kong dollars had strengthened by 100 price interest points against the US dollars, profit for the year would have been around HK\$20 million lower (2017: HK\$17 million).

於二零一八年十二月三十一日，在所有其他可變因素保持不變的情況下，如港元兌美元以外的其他外幣匯率下跌100點子，年內溢利將增加約100萬港元（二零一七年：200萬港元）。反之，如港元兌美元以外的其他外幣匯率上升100點子，年內溢利將減少約100萬港元（二零一七年：200萬港元）。

於二零一八年十二月三十一日，在所有其他可變因素保持不變的情況下，如交易所買賣基金及房地產投資信託基金的價格下跌1%，年內溢利將減少約500萬港元。反之，如交易所買賣基金和房地產投資信託基金的價格上升1%，年內溢利將增加約500萬港元。

於二零一七年十二月三十一日，在所有其他可變因素保持不變的情況下，如交易所買賣基金及房地產投資信託基金的價格下跌1%，公平值儲備將減少約1,700萬港元。反之，如交易所買賣基金和房地產投資信託基金的價格上升1%，公平值儲備將增加約1,700萬港元。

上升或下降反映管理層對利率、匯率及股價在十二個月期間可能的合理變動所作出評估。

(a) 外幣風險

本集團因現行外幣市場匯率波動對其財務狀況及現金流量的影響而承擔風險。董事局設定可准許用於投資目的的外幣。資產負債管理委員會設定可承受外幣風險的限額，並每日進行監察。在融資方面，中期債券發行計劃下多種貨幣的特質，容許本集團發行包括美元、人民幣、新加坡元、英鎊、澳元、歐元及日圓等主要貨幣的債券。所有外幣債券均對沖為港元。

As at 31 December 2018, with all other variables held constant, if the Hong Kong dollars had weakened by 100 price interest points against foreign currencies other than US dollars, profit for the year would have been around HK\$1 million higher (2017: HK\$2 million). Conversely, if the Hong Kong dollars had strengthened by 100 price interest points against foreign currencies other than US dollars, profit for the year would have been around HK\$1 million lower (2017: HK\$2 million).

As at 31 December 2018, with all other variables held constant, if the price of exchange-traded funds and real estate investment trusts had decreased by 1%, profit for the year would have been around HK\$5 million lower. Conversely, if the price of exchange-traded funds and real estate investment trusts had increased by 1%, profit for the year would have been around HK\$5 million higher.

As at 31 December 2017, with all other variables held constant, if the price of exchange-traded funds and real estate investment trusts had decreased by 1%, the fair value reserve would have been around HK\$17 million lower. Conversely, if the price of exchange-traded funds and real estate investment trusts had increased by 1%, the fair value reserve would have been around HK\$17 million higher.

The increase or decrease represents management's assessment of a reasonably possible change in interest rates, exchange rates and equity prices for a 12-month period.

(a) Foreign currency exposure

The Group takes on exposure to effects of fluctuations in the prevailing foreign currency exchange rate on its financial position and cash flows. The Board sets allowable currencies for investment purposes. The ALCO sets limits on the currency exposure that may be undertaken, which is monitored daily. At funding side, the multi-currency feature of the MTN programme enables the Group to issue notes in major currencies, including US dollars, renminbi, Singapore dollars, British pounds, Australian dollars, euro and Japanese yen. All foreign currency-denominated debts are hedged into Hong Kong dollars.

下表概列本集團的外幣匯率風險。表內所載為按賬面值列示的資產與負債，並按貨幣種類分類。

The tables below summarise the Group's exposure to foreign currency exchange rate risk. Included in the tables are the assets and liabilities at carrying amounts, categorised by currency.

		港元 HKD 千港元 HK\$'000	美元 USD 千港元 HK\$'000	其他外幣 Other foreign currencies 千港元 HK\$'000	總額 Total 千港元 HK\$'000
於二零一八年十二月三十一日	As at 31 December 2018				
資產	Assets				
現金及短期資金	Cash and short-term funds	28,807,046	510,753	73,056	29,390,855
應收利息及匯款	Interest and remittance receivables	281,881	111,117	44,921	437,919
衍生金融工具	Derivative financial instruments	140,193	4,348	16,506	161,047
貸款組合淨額	Loan portfolio, net	6,442,064	-	-	6,442,064
證券投資：	Investment securities:				
— 以公平值變化計入	— FVOCI				
其他全面收益		1,253,359	3,838,305	-	5,091,664
— 以公平值變化計入損益	— FVPL	534,843	8,769	-	543,612
— 按攤銷成本列賬	— amortised cost	2,808,433	8,738,400	-	11,546,833
外匯基金存款	Placements with the Exchange Fund	7,734,934	-	-	7,734,934
預付款項、按金及	Prepayments, deposits and				
其他資產	other assets	689,045	140,351	95	829,491
固定資產	Fixed assets	53,766	-	-	53,766
遞延稅項資產	Deferred tax assets	77,866	-	-	77,866
再保險資產	Reinsurance assets	171,518	-	-	171,518
資產總額	Total assets	48,994,948	13,352,043	134,578	62,481,569
負債	Liabilities				
應付利息	Interest payable	217,962	10,744	28,762	257,468
應付賬項、應付開支及	Accounts payable, accrued				
其他負債	expenses and other liabilities	4,918,523	143,156	-	5,061,679
衍生金融工具	Derivative financial instruments	78,739	2,791	182,856	264,386
當期稅項負債	Current tax liabilities	104,077	-	-	104,077
保險負債	Insurance liabilities	4,607,373	-	-	4,607,373
已發行債務證券	Debt securities issued	28,199,186	5,996,683*	3,097,008**	37,292,877
負債總額	Total liabilities	38,125,860	6,153,374	3,308,626	47,587,860
持倉淨額	Net position	10,869,088	7,198,669	(3,174,048)	14,893,709
資產負債表外淨名義持倉 [#]	Off-balance sheet net notional position [#]	(11,770,471)	8,532,367	2,982,048	(256,056)

[#] 「資產負債表外淨名義持倉」指外幣衍生金融工具（主要用以減低本集團於貨幣波動的風險）的名義金額與其公平值的差額。

* 全數對沖為港元。

** 總額包括15億港元的澳元債務證券及15億港元的人民幣債務證券，並全數對沖為港元。

[#] “Off-balance sheet net notional position” represents the difference between the notional amounts of foreign currency derivative financial instruments, which are principally used to reduce the Group's exposure to currency movements and their fair values.

* Fully hedged into Hong Kong dollars.

** Amounts included debt securities issued in Australian dollars of HK\$1.5 billion and renminbi of HK\$1.5 billion, fully hedged into Hong Kong dollars.

		港元	美元	其他外幣	總額
		HKD	USD	Other foreign	Total
		千港元	千港元	千港元	千港元
		HK\$'000	HK\$'000	HK\$'000	HK\$'000
於二零一七年十二月三十一日	As at 31 December 2017				
資產	Assets				
現金及短期資金	Cash and short-term funds	23,703,585	1,371,906	202,699	25,278,190
應收利息及匯款	Interest and remittance receivables	215,386	85,954	42,638	343,978
衍生金融工具	Derivative financial instruments	182,820	4,617	146,290	333,727
貸款組合淨額	Loan portfolio, net	7,829,441	-	-	7,829,441
證券投資：	Investment securities:				
— 可供出售	— available-for-sale	2,859,419	4,279,243	-	7,138,662
— 持有至到期	— held-to-maturity	2,487,871	7,775,932	84,031	10,347,834
預付款項、按金及其他資產	Prepayments, deposits and other assets	37,000	30,054	100	67,154
固定資產	Fixed assets	34,329	-	-	34,329
遞延稅項資產	Deferred tax assets	295	-	-	295
再保險資產	Reinsurance assets	164,601	-	-	164,601
資產總額	Total assets	37,514,747	13,547,706	475,758	51,538,211
負債	Liabilities				
應付利息	Interest payable	162,124	3,592	26,417	192,133
應付賬項、應付開支及 其他負債	Accounts payable, accrued expenses and other liabilities	5,098,896	264,367	-	5,363,263
衍生金融工具	Derivative financial instruments	68,163	-	50,901	119,064
當期稅項負債	Current tax liabilities	116,288	-	-	116,288
保險負債	Insurance liabilities	1,130,150	-	-	1,130,150
已發行債務證券	Debt securities issued	27,424,606	2,048,751*	5,367,349**	34,840,706
負債總額	Total liabilities	34,000,227	2,316,710	5,444,667	41,761,604
持倉淨額	Net position	3,514,520	11,230,996	(4,968,909)	9,776,607
資產負債表外淨名義持倉 [#]	Off-balance sheet net notional position [#]	(7,302,494)	2,046,666	5,281,689	25,861

[#] 「資產負債表外淨名義持倉」指外幣衍生金融工具(主要用以減低本集團於貨幣波動的風險)的名義金額與其公平值的差額。

* 全數對沖為港元。

** 總額包括26億港元的英鎊債務證券、17億港元的澳元債務證券及10億港元的人民幣債務證券，並全數對沖為港元。

[#] “Off-balance sheet net notional position” represents the difference between the notional amounts of foreign currency derivative financial instruments, which are principally used to reduce the Group’s exposure to currency movements and their fair values.

* Fully hedged into Hong Kong dollars.

** Amounts included debt securities issued in British pounds of HK\$2.6 billion, Australian dollars of HK\$1.7 billion and renminbi of HK\$1 billion, fully hedged into Hong Kong dollars.

(b) 現金流量及公平值利率風險

現金流量利率風險指金融工具的未來現金流量，將隨著市場利率改變而波動的風險。公平值利率風險乃指金融工具的價值將隨著市場利率改變而波動的風險。現行市場利率水平的波動會造成本集團的公平值利率風險及現金流量利率風險。由於利率變動，息差可能會擴闊，但倘若發生未能預計的波動，則亦會收窄或引致虧損。資產負債管理委員會設定息率錯配水平的限額，並定期對該限額進行監控。

下表概述本集團所面對的利率風險，並按賬面值列示的資產及負債，而資產及負債則按重新定息日或到期日(以較早者為準)分類。衍生金融工具(主要用於減低本集團於利率波動承擔的風險)的賬面值列於「不計息」項目中。

(b) Cash flow and fair value interest rate risk

Cash flow interest rate risk is the risk that the future cash flows of a financial instrument will fluctuate because of changes in market interest rates. Fair value interest rate risk is the risk that the value of a financial instrument will fluctuate because of changes in market interest rates. The Group takes on exposure to the effects of fluctuations in the prevailing levels of market interest rates on both its fair value and cash flow risks. Interest margins may increase as a result of such changes but may reduce or create losses in the event that unexpected movements arise. The ALCO sets limits on the level of interest rate mismatch that may be undertaken, which is monitored regularly.

The tables below summarise the Group's exposure to interest rate risks. Included in the tables are the assets and liabilities at carrying amounts, categorised by the earlier of contractual repricing or maturity dates. The carrying amounts of derivative financial instruments, which are principally used to reduce the Group's exposure to interest rate movements, are included under the heading "Non-interest bearing".

		一個月以上 至三個月	三個月以上 至一年	一年以上 至五年	五年以上	不計息	總額
		一個月內 Up to 1 month	Over 1 month to 3 months	Over 3 months to 1 year	Over 1 year to 5 years	Over 5 years	Non-interest bearing
		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
於二零一八年十二月三十一日 As at 31 December 2018							
資產 Assets							
現金及短期資金	Cash and short-term funds	9,187,118	18,714,302	1,279,899	-	-	29,390,855
應收利息及匯款	Interest and remittance receivables	-	-	-	-	-	437,919
衍生金融工具	Derivative financial instruments	-	-	-	-	-	161,047
貸款組合淨額	Loan portfolio, net	6,400,321	22,248	7,012	10,934	1,549	6,442,064
證券投資：	Investment securities:						
— 以公平值變化計入	— FVOCI						
其他全面收益		851,591	3,239,436	497,458	503,179	-	5,091,664
— 以公平值變化計入損益	— FVPL	-	-	-	-	-	543,612
— 按攤銷成本列賬	— amortised cost	-	1,309,923	1,335,738	4,317,726	4,583,446	11,546,833
外匯基金存款	Placements with the Exchange Fund	-	-	-	-	-	7,734,934
預付款項、按金及其他	Prepayments, deposits						
資產	and other assets	137,483	-	-	-	-	692,008
固定資產	Fixed assets	-	-	-	-	-	53,766
遞延稅項資產	Deferred tax assets	-	-	-	-	-	77,866
再保險資產	Reinsurance assets	-	-	-	-	-	171,518
資產總額	Total assets	16,576,513	23,285,909	3,120,107	4,831,839	4,584,995	62,481,569
負債 Liabilities							
應付利息	Interest payable	-	-	-	-	-	257,468
應付賬項、應付開支	Accounts payable, accrued						
及其他負債	expenses and other liabilities	4,902,866	-	-	-	-	158,813
衍生金融工具	Derivative financial instruments	-	-	-	-	-	264,386
當期稅項負債	Current tax liabilities	-	-	-	-	-	104,077
保險負債	Insurance liabilities	-	-	-	-	-	4,607,373
已發行債務證券	Debt securities issued	5,631,318	11,495,125	8,082,087	8,468,836	3,615,511	37,292,877
負債總額	Total liabilities	10,534,184	11,495,125	8,082,087	8,468,836	3,615,511	47,587,860
利息敏感度缺口總額*	Total interest sensitivity gap*	6,042,329	11,790,784	(4,961,980)	(3,636,997)	969,484	
利率衍生工具 (持倉淨額的名義金額)	Interest rate derivatives (notional amounts of net position)	(567,144)	(6,033,612)	3,810,990	1,293,541	1,240,169	

* 未計入衍生金融工具對已發行債務證券重定息的影響。

* before the repricing effect of derivative financial instruments on the debt securities issued.

		一個月以上 至三個月	三個月以上 至一年	一年以上 至五年	五年以上	不計息	總額
		一個月內 Up to 1 month	Over 1 month to 3 months	Over 3 months to 1 year	Over 1 year to 5 years	Over 5 years	Non-interest bearing
		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
於二零一七年十二月三十一日	As at 31 December 2017						
資產	Assets						
現金及短期資金	Cash and short-term funds	10,914,798	10,289,000	3,968,000	-	-	106,392
應收利息及匯款	Interest and remittance receivables	-	-	-	-	-	343,978
衍生金融工具	Derivative financial instruments	-	-	-	-	-	333,727
貸款組合淨額	Loan portfolio, net	7,777,557	26,167	10,666	14,835	216	-
證券投資：	Investment securities:						
— 可供出售	— available-for-sale	1,137,784	3,044,884	715,015	583,229	-	1,657,750
— 持有至到期	— held-to-maturity	117,253	1,008,538	464,018	4,802,050	3,955,975	-
預付款項、按金及其他 資產	Prepayments, deposits and other assets	29,315	-	-	-	-	37,839
固定資產	Fixed assets	-	-	-	-	-	34,329
遞延稅項資產	Deferred tax assets	-	-	-	-	-	295
再保險資產	Reinsurance assets	-	-	-	-	-	164,601
資產總額	Total assets	19,976,707	14,368,589	5,157,699	5,400,114	3,956,191	2,678,911
負債	Liabilities						
應付利息	Interest payable	-	-	-	-	-	192,133
應付賬項、應付開支 及其他負債	Accounts payable, accrued expenses and other liabilities	5,208,780	-	-	-	-	154,483
衍生金融工具	Derivative financial instruments	-	-	-	-	-	119,064
當期稅項負債	Current tax liabilities	-	-	-	-	-	116,288
保險負債	Insurance liabilities	-	-	-	-	-	1,130,150
已發行債務證券	Debt securities issued	9,410,453	9,501,755	4,750,551	7,564,434	3,613,513	-
負債總額	Total liabilities	14,619,233	9,501,755	4,750,551	7,564,434	3,613,513	1,712,118
利息敏感度缺口總額*	Total interest sensitivity gap*	5,357,474	4,866,834	407,148	(2,164,320)	342,678	
利率衍生工具 (持倉淨額的名義金額)	Interest rate derivatives (notional amounts of net position)	(345,007)	(2,155,968)	360,132	790,986	1,375,718	

* 未計入衍生金融工具對已發行債務證券重定息的影響。

* before the repricing effect of derivative financial instruments on the debt securities issued.

4.4. 流動資金風險

流動資金風險指本集團未能償還其債項或未能為已承諾購買的貸款提供資金的風險。本集團每日監測資金流入及流出，並按所有到期期限列序預計遠期資金流入及流出。本集團建立多樣化的資金來源支持其業務增長及維持均衡的負債組合。資產負債管理委員會定期對流動資金來源進行檢討。

(a) 未折現現金流量分析

下表列示本集團於呈報期末按剩餘合約年期有關非衍生工具金融負債、以淨額基準結算的衍生工具金融負債及以總額基準結算的衍生金融工具的應付現金流量。表內披露的金額為預測合約未折現的現金流量，包括根據最早的可能合約到期日計算的未來利息支付款項。本集團的衍生工具包括按淨額基準結算的利率掉期、按總額基準結算的跨貨幣掉期及貨幣遠期合約。

4.4. Liquidity risk

Liquidity risk represents the risk of the Group not being able to repay its payment obligations or to fund committed purchases of loans. Liquidity risk is managed by monitoring the actual inflows and outflows of funds on a daily basis and projecting longer-term inflows and outflows of funds across a full maturity spectrum. The Group has established diversified funding sources to support the growth of its business and the maintenance of a balanced portfolio of liabilities. Sources of liquidity are regularly reviewed by ALCO.

(a) Undiscounted cash flows analysis

The tables below present cash flows payable by the Group under non-derivative financial liabilities, derivative financial liabilities that will be settled on a net basis and derivative financial instruments that will be settled on gross basis by remaining contractual maturities as at the end of the reporting period. The amounts disclosed in the tables are the projected contractual undiscounted cash flows including future interest payments on the basis of their earliest possible contractual maturity. The Group's derivatives include interest rate swaps that will be settled on net basis; cross currency swaps and currency forwards that will be settled on gross basis.

(i) 非衍生工具現金流出

(i) Non-derivative cash outflows

		一個月以上 至三個月	三個月以上 至一年	一年以上 至五年	五年以上	總額
		一個月內 Up to 1 month	Over 1 month to 3 months	Over 3 months to 1 year	Over 1 year to 5 years	Over 5 years
		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
於二零一八年十二月三十一日	As at 31 December 2018					
負債	Liabilities					
已發行債務證券	Debt securities issued	(2,179,266)	(6,272,341)	(11,778,059)	(14,558,938)	(4,517,697)
						(39,306,301)

		一個月以上 至三個月	三個月以上 至一年	一年以上 至五年	五年以上	總額
		一個月內 Up to 1 month	Over 1 month to 3 months	Over 3 months to 1 year	Over 1 year to 5 years	Over 5 years
		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
於二零一七年十二月三十一日	As at 31 December 2017					
負債	Liabilities					
已發行債務證券	Debt securities issued	(4,926,521)	(2,155,632)	(12,005,961)	(13,525,066)	(4,532,062)
						(37,145,242)

(ii) 衍生工具現金流入/(流出)

(ii) Derivative cash inflows/(outflows)

		一個月以上	三個月以上	一年以上	五年以上	總額
		至三個月	至一年	至五年		
一個月內	Over	Over	Over	Over	Over	
Up to 1	1 month to	3 months	1 year to	5 years	5 years	Total
month	3 months	to 1 year	5 years	5 years	5 years	Total
千港元	千港元	千港元	千港元	千港元	千港元	千港元
HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於二零一八年十二月三十一日	As at 31 December 2018					
按下列基準結算的	Derivative financial					
衍生金融工具：	instrument settled:					
— 淨額基準	— on net basis	(6,129)	17,655	29	14,587	(29,246)
— 總額基準	— on gross basis					
流出總額	Total outflow	(785,440)	(1,808,855)	(6,528,845)	(1,512,233)	(1,503,110)
流入總額	Total inflow	782,570	1,801,737	6,574,167	1,571,487	1,328,637
		(8,999)	10,537	45,351	73,841	(203,719)
						(82,989)

		一個月以上	三個月以上	一年以上	五年以上	總額
		至三個月	至一年	至五年		
一個月內	Over	Over	Over	Over	Over	
Up to 1	1 month to	3 months	1 year to	5 years	5 years	Total
1 month	3 months	to 1 year	5 years	5 years	5 years	Total
千港元	千港元	千港元	千港元	千港元	千港元	千港元
HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於二零一七年十二月三十一日	As at 31 December 2017					
按下列基準結算的	Derivative financial					
衍生金融工具：	instrument settled:					
— 淨額基準	— on net basis	985	(11,490)	31,536	(13,181)	(30,558)
— 總額基準	— on gross basis					
流出總額	Total outflow	(172,843)	(1,304,591)	(3,649,074)	(993,568)	(1,540,185)
流入總額	Total inflow	172,508	1,323,759	3,790,465	1,102,945	1,532,460
		650	7,678	172,927	96,196	(38,283)
						239,168

(b) 到期日分析

下表根據呈報期末至合約到期日剩餘期間，分析有關資產及負債到期組別。

(b) Maturity analysis

The table below analyses the assets and liabilities into relevant maturity groupings based on the remaining period at the end of the reporting period to the contractual maturity date.

		即時到期	一個月以上至三個月	三個月以上至一年	一年以上至五年	五年以上	無限期	總額
		Repayable on demand	Up to 1 month	1 month to 3 months	3 months to 1 year	1 year to 5 years	Over 5 years	Undated
		千港元	千港元	千港元	千港元	千港元	千港元	千港元
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於二零一八年十二月三十一日	As at 31 December 2018							
資產	Assets							
現金及短期資金(總額)	Cash and short-term funds (gross)	196,590	9,200,211	18,715,000	1,280,000	-	-	29,391,801
貸款組合	Loan portfolio	2,195	44,596	123,539	460,888	2,109,440	3,694,490	7,582
證券投資	Investment securities	-	27,780	191,143	1,627,876	3,244,865	-	-
— 以公平值變化計入其他全面收益	— FVOCI	-	-	-	-	-	-	543,612
— 以公平值變化計入損益	— FVPL	-	-	-	-	-	-	-
— 按攤銷成本列賬(總額)	— amortised cost (gross)	-	-	300,000	1,335,810	5,328,313	4,584,152	-
外匯基金存款	Placements with the Exchange Fund	-	-	-	-	-	7,734,934	-
再保險資產	Reinsurance assets	-	-	-	-	-	-	171,518
		198,785	9,272,587	19,329,682	4,704,574	10,682,618	16,013,576	722,712
								60,924,534
負債	Liabilities							
保險負債	Insurance liabilities	-	20,357	40,386	176,995	824,770	2,222,021	1,322,844
已發行債務證券	Debt securities issued	-	2,592,186	6,110,063	11,307,930	13,667,187	3,615,511	-
		-	2,612,543	6,150,449	11,484,925	14,491,957	5,837,532	1,322,844
								41,900,250

		即時到期	一個月以上至三個月	三個月以上至一年	一年以上至五年	五年以上	無限期	總額
		Repayable on demand	Up to 1 month	1 month to 3 months	3 months to 1 year	1 year to 5 years	Over 5 years	Undated
		千港元	千港元	千港元	千港元	千港元	千港元	千港元
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於二零一七年十二月三十一日	As at 31 December 2017							
資產	Assets							
現金及短期資金	Cash and short-term funds	93,799	10,927,391	10,289,000	3,968,000	-	-	25,278,190
貸款組合	Loan portfolio	3,426	61,580	132,817	543,114	2,466,304	4,621,873	713
證券投資	Investment securities	-	551,833	291,063	819,816	3,818,200	-	1,657,750
— 可供出售	— available-for-sale	-	-	-	-	-	-	-
— 持有至到期	— held-to-maturity	-	117,253	-	464,018	5,810,588	3,955,975	-
再保險資產	Reinsurance assets	-	-	-	-	-	-	164,601
		97,225	11,658,057	10,712,880	5,794,948	12,095,092	8,577,848	1,823,064
								50,759,114
負債	Liabilities							
保險負債	Insurance liabilities	-	-	-	-	-	-	1,130,150
已發行債務證券	Debt securities issued	-	4,871,829	2,060,057	11,647,747	12,647,560	3,613,513	-
		-	4,871,829	2,060,057	11,647,747	12,647,560	3,613,513	1,130,150
								35,970,856

除上述外，應收利息及匯款、預付款項及其他資產、應付利息、應付賬項、應付開支及當期稅項負債，預期將在呈報期日起計的十二個月內收回或償還。而在綜合財務狀況表的其他資產和負債，則預期由呈報期日起計需要逾十二個月才能收回或償還。

此外，外匯基金承諾透過循環信貸安排向本集團提供300億港元循環信貸。這個安排使本集團可在異常經濟環境下保持平穩營運，因而更有效地履行促進香港銀行及金融穩定的任務。

4.5. 保險風險

本集團透過其一般保險業務附屬公司提供按揭保險，為認可機構就所承造香港住宅物業貸款之信貸虧損風險提供最高可達40%的保險額，惟批出貸款時貸款額與物業價值比率為90%或以下，或按當時所指定的其他限制。本集團亦就認可機構給予香港的中小企及非上市企業的貸款，提供高達50%-70%的財務擔保保障；以及就認可機構給予住宅物業及其他資產（如適用）作為擔保的安老按揭，和就認可機構給予資助房屋計劃的業主，以其資助物業作為擔保的一筆過、主要用於補地價的貸款，提供保險保障。

任何保險合約的風險為已投保事件發生的可能性及所引致的申索金額的不確定性。根據保險合約本身的特質，此類風險屬隨機，因此不能預計。

Apart from the above, interest and remittance receivables, prepayments and other assets, interest payable, accounts payable, accrued expenses and current tax liabilities are expected to be recovered or settled within twelve months from the reporting date. Other assets and liabilities included in the consolidated statement of financial position are expected to be recovered or settled in a period more than twelve months after the reporting date.

In addition, the Exchange Fund has committed to providing the Group with a HK\$30 billion revolving credit under the Revolving Credit Facility, which enables the Group to maintain smooth operation under exceptional circumstances, so that it can better fulfil its mandate to promote banking and financial stability in Hong Kong.

4.5. Insurance risk

Through its general insurance subsidiary, the Group provides the mortgage insurance cover to the AIs for first credit losses of up to 40% of the property value of a residential mortgage loan in Hong Kong with loan-to-value ratio 90% or below at origination, or other thresholds as specified from time to time. The Group also provides financial guarantee cover to AIs up to 50%-70% of the banking facilities granted to SMEs and non-listed enterprises in Hong Kong, insurance cover to AIs in respect of reverse mortgage loans originated by such AIs and secured on residential properties and, if applicable, other assets, and in respect of lump-sum loans advanced by such AIs to owners of properties of subsidised housing schemes primarily for land premium settlement and secured on these properties.

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.

對一組保險合約而言，按機會率的理論應用予定價及撥備時，本集團保險合約面對的主要風險為實際申索超出保險負債賬面值。當申索的次數及金額超過預計時，上述情況便可能發生。保險事件為隨機，而申索及賠償的實際次數及金額每年有所不同，同時亦可能有異於使用統計方法得出的估計數字。

經驗顯示類似保險合約的組合越大，預期後果的相對可變性則越低。此外，越是多元化的組合，越是不會由於組合內任何一組分組變動而使整體受影響。本集團已制定業務策略，以分散所接納保險風險種類，並在每個主要類別內歸納足夠宗數，從而降低預期後果的可變性。

申索的次數及金額可受多項因素影響。最主要因素為經濟衰退、本港物業市場下滑及借款人死亡率低。經濟衰退可能引致拖欠付款增加，影響申索次數和抵押品價值。物業價格下跌，會使抵押品價值低於按揭貸款未償還餘額，因而增加索償金額。安老按揭借款人死亡率低意味著更長的年金付款期，貸款金額隨著時間亦愈高。這將影響申索的次數及金額，因為會帶來物業價值在未來並不足以償還貸款的風險。

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 claims exceed the carrying amount of the insurance liabilities. This could occur because the frequency or severity of claims are 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 estimate 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 a business strategy to diversify the type of insurance risks accepted and within each of the key categories to achieve a sufficiently large population of risks to reduce the variability of the expected outcome.

The frequency and severity of claims can be affected by several factors. The most significant are a downturn of the economy, a slump in the local property market and a low mortality rate of borrowers. Economic downturn, which may cause a rise in defaulted payment, affects the frequency of claims and collateral value. A drop in property prices, where the collateral value falls below the outstanding balance of the mortgage loan, will increase the severity of claims. Low mortality rate of reverse mortgage borrowers means longer payout period and larger loan balance will be over time. This will affect the frequency and severity of claims as there is a risk of the property value insufficient to cover the outstanding loan balance in the future.

本集團採納一套審慎的保險承保資格準則管理有關風險。為確保預留充足撥備應付未來索償付款，本集團以審慎負債估值假設及按監管指引內規定的方法計算技術儲備。本集團亦向核准再保險公司按比例投保攤分再保險，致力減少按揭保險所面對的風險。本集團進行綜合評估，包括按核准篩選架構，評估按揭再保險公司的財政實力及信貸評級。本集團會定期檢討核准再保險公司。至於就本集團透過其一般保險業務附屬公司提供給認可機構的財務擔保保障，本集團依賴貸款人審慎評估借款人的信貸，從而減低拖欠風險；任何貸款安排導致的損失將在平等基礎上由本集團與貸款人按比例攤分，藉以減低道德風險。安老按揭貸款假設的死亡率會定期作出檢討，以評估營運時實際和預期結果的較大偏差所導致的風險。

本集團透過其人壽保險附屬公司向個人客戶提供年金產品。保險風險源於對承保保單及定價所產生的風險的不準確評估。主要的保險風險為長壽風險，此乃因年金受益人的實際壽命超過預期壽命的可能性而產生。本集團透過採用一系列的審慎假設及定期進行經驗研究以管理保險風險。年金產品固有的資產負債錯配風險是由於資產波動、不確定的年金負債、現金流量錯配以及資產與負債之間的貨幣錯配。為減輕此類風險，本集團積極監控表現，並致力維持對資產配置的控制。

本集團已成立長壽風險委員會以管理本集團所承擔的長壽風險。其職責包括批准長壽風險管理政策和對沖交易，以及檢討本集團所取得的長壽經驗及其承擔的風險。其亦監測及分析整體趨勢、科技變化及其對人類壽命的影響。

The Group manages these risks by adopting a set of prudent insurance underwriting eligibility criteria. To ensure sufficient provision is set aside for meeting future claim payments, the Group calculates technical reserves on prudent liability valuation assumptions and the method prescribed in the regulatory guidelines. The Group also takes out quota-share reinsurance from its approved mortgage reinsurers in an effort to limit its risk exposure under the mortgage insurance business. The Group conducts comprehensive assessment including the financial strength and credit ratings of the mortgage reinsurers in accordance with the approved selection framework. The approved mortgage reinsurers are subject to periodic reviews. For financial guarantee cover provided to AIs via its general insurance subsidiary, the Group relies on the lenders' prudent credit assessment on the borrowers to mitigate default risk and any loss in the loan facility will be shared proportionately between the Group and the lender on a pari passu basis to minimise moral hazards. The mortality assumptions of reverse mortgages are also reviewed on a regular basis, to assess the risk of larger deviation between the actual and expected operating results.

Through its life insurance subsidiary, the Group offers annuity product to personal customers. Insurance risk arises from an inaccurate assessment of the risks entailed in writing and pricing an insurance policy. The major insurance risk is the longevity risk which arises from the possibility that actual life expectancy of annuitants being longer than expected. Insurance risk is managed by adopting a prudent set of assumptions and conducting regular experience studies. Asset-liability mismatch risk inherent to the annuity product is due to asset volatility, uncertain annuity liabilities, cash flow mismatch and currency mismatch between assets and liabilities. To mitigate such risk, the Group actively monitor the performance and steadfastly maintains control over asset allocation.

The Group established Longevity Risk Committee to manage longevity risk of the Group. Its duties include approving longevity risk management policies and hedging transactions and reviewing longevity experiences and exposures of the Group. It also monitors and analyses the general trend, technological changes and their implications for human longevity.

一般保險附屬公司及人壽保險附屬公司均須受保險業監管局監管，並須遵守保險業監管局所訂明的有關合規要求。

The general insurance subsidiary and life insurance subsidiary are subject to the supervision of the Insurance Authority and are required to observe the relevant compliance requirements stipulated by the Insurance Authority.

於二零一八年十二月三十一日，如一般保險業務的綜合比率增加1%，則年內溢利將減少300萬港元（二零一七年：300萬港元）。如綜合比率下降1%，則年內溢利將增加300萬港元（二零一七年：300萬港元）。

As at 31 December 2018, if the combined ratio of general insurance business had increased by 1%, profit for the year would have been HK\$3 million (2017: HK\$3 million) lower. If the combined ratio had decreased by 1%, profit for the year would have been HK\$3 million (2017: HK\$3 million) higher.

下表顯示於二零一八年十二月三十一日人壽保險業務的保險負債對死亡率及估值利率的潛在變化的敏感度（二零一七年：無）。

The following table shows the sensitivity of insurance liabilities on the life insurance business to potential changes in mortality and valuation interest rate as at 31 December 2018 (2017: nil).

		保險負債 金額變動 Amount change from insurance liabilities 千港元 HK\$'000 增加 / (減少) Increase/ (decrease)	保險負債 百分比變動 Percentage change from insurance liabilities % % 增加 / (減少) Increase/ (decrease)
於二零一八年十二月三十一日 As at 31 December 2018			
死亡率	Mortality		
+ 10%	+ 10%	(45,692)	(1.4)
- 10%	- 10%	51,432	1.6
估值利率	Valuation interest rate		
+ 0.5%	+ 0.5%	(132,321)	(4.0)
- 0.5%	- 0.5%	143,042	4.4

4.6. 金融資產及負債的公平值
(a) 公平值估計

下表列示按公平值(根據估值方法估算)確認的金融工具。公平值架構級別定義如下：

- 於活躍市場中有相同資產或負債之報價(第一層)；
- 除第一層所包括之報價外，就資產或負債能直接(如價格)或間接(如從價格推斷)可觀察之數據(第二層)；及
- 有關資產或負債並非基於可觀察之市場數據(不可觀察之數據)(第三層)。

4.6. Fair values of financial assets and liabilities
(a) Fair value estimation

The following table shows financial instruments recognised at fair value, by valuation method. The different levels of fair value hierarchy have been defined as follows:

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

		於二零一八年十二月三十一日 As at 31 December 2018				於二零一七年十二月三十一日 As at 31 December 2017		
		第一層 Level 1 千港元 HK\$'000	第二層 Level 2 千港元 HK\$'000	第三層 Level 3 千港元 HK\$'000	總額 Total 千港元 HK\$'000	第一層 Level 1 千港元 HK\$'000	第二層 Level 2 千港元 HK\$'000	總額 Total 千港元 HK\$'000
資產	Assets							
衍生金融工具	Derivative financial instruments	-	161,047	-	161,047	-	333,727	333,727
證券投資	Investment securities							
— 以公平值變化計入 其他全面收益	— FVOCI	5,091,664	-	-	5,091,664	-	-	-
— 以公平值變化計入損益	— FVPL	543,612	-	-	543,612	-	-	-
可供出售證券	Available-for-sale securities							
— 債務證券	— Debt securities	-	-	-	-	5,480,912	-	5,480,912
— 其他證券	— Other securities	-	-	-	-	1,657,750	-	1,657,750
外匯基金存款	Placements with the Exchange Fund	-	-	7,734,934	7,734,934	-	-	-
		5,635,276	161,047	7,734,934	13,531,257	7,138,662	333,727	7,472,389
負債	Liabilities							
衍生金融工具	Derivative financial instruments	-	264,386	-	264,386	-	119,064	119,064
於初始確認時指定為以公平 值變化計入損益的已發行 債務證券	Debt securities issued designated as at fair value through profit or loss upon initial recognition	-	143,981	-	143,981	-	141,946	141,946
		-	408,367	-	408,367	-	261,010	261,010

於二零一七年十二月三十一日，按公平值計量的金融工具並沒有使用不可觀察之市場數據為估值方法（第三層）。

於本年度，第一層與第二層的金融工具之間並沒有轉移，亦無轉入或轉出第三層。

(i) 第一層的金融工具

於活躍市場交易的金融工具，其公平值會根據呈報期日的市場報價。活躍市場是指可以容易地和定期地從交易所、交易員、經紀、行業協會、定價服務機構或監管機構取得報價，而該等價格代表按公平基準、實際和定期在市場的交易。如果按公平值計量的資產或負債有一個買入價和賣出價，在這個買賣差價範圍內的最能代表公平值的價格，應該用來計量公平值。而這類工具就被包括在第一層。

(ii) 第二層的金融工具

並非在活躍市場交易的金融工具的公平價值按估值方法確定。估值方法會盡量利用市場上可取得的及可觀察的數據而盡可能少依賴對公司特定的估算。倘若計量工具的公平值時所需的重要資料是基於可觀察的數據，該工具則被包括在第2層。

第2層的衍生工具包括利率掉期、貨幣掉期及貨幣遠期合約。這些衍生工具會利用可觀察到的收益率曲線，從而得到遠期利率和遠期匯率（如適用），用來計量公平值。

No financial instrument was measured at fair value using a valuation technique not supported by observable market data (Level 3) as at 31 December 2017.

There was no transfer between Level 1 and Level 2 nor transfers into or out of Level 3 during the year.

(i) Financial instruments in Level 1

The fair value of financial instruments traded in active markets is based on quoted market prices at the reporting 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. If an asset or a liability measured at fair value has a bid price and an ask price, the price within the bid-ask spread that is most representative of fair value in the circumstances shall be used to measure fair value. These instruments are included in Level 1.

(ii) Financial instruments in Level 2

The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. These valuation techniques maximise the use of observable market data where it is available and rely as little as possible on entity specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in Level 2.

Level 2 derivatives comprise interest rate swaps, currency swaps and currency forwards. These derivatives are fair valued using forward interest rates and forward exchange rates, if applicable, from observable yield curves.

第2層的債務證券使用較不活躍市場上的市場報價，來計量公平值；如果沒有的話，可以使用現金流量折現分析方法，從債務工具的交易對手在市場上可觀察得到的報價，以得出折現率，用以折現合約現金流量。

Level 2 debt securities are fair valued using quoted market prices in less active markets, or if not available, a discounted cash flow approach, which discounts the contractual cash flows using discount rates derived from observable market prices of other quoted debt instruments of the counterparties.

(iii) 第三層的金融工具

倘若其中一個或以上的重大資料並非是基於可觀察的市場數據，該工具則被包括在第3層。外匯基金存款計入第三級，其公平值乃參考未來年度的估計投資回報率釐定。

(iii) Financial instruments in Level 3

If one or more of the significant inputs is not based on observable market data, the instrument is included in Level 3. The placements with the Exchange Fund are included in Level 3 with its fair value determined by reference to the estimated rates of investment return for future years.

第三層金融工具的公平值計量變動如下：

Movement in Level 3 fair value measurement as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
於一月一日	As at 1 January	-	-
外匯基金存款	Placements with the Exchange Fund	7,550,000	-
於損益中確認的 外匯基金存款收益	Income from placements with the Exchange Fund recognised in profit or loss	184,934	-
於十二月三十一日	As at 31 December	7,734,934	-

(b) 並非以公平值計量的金融資產和負債

於二零一八年十二月三十一日及二零一七年十二月三十一日，本集團並未於財務狀況表按公平值悉數呈列金融工具的賬面值與公平值並沒有重大不同。除其賬面值與公平值相若的金融工具外，下表為非以公平值計量的金融工具之賬面值、公平值及公平值架構級別：

(b) Fair values of financial assets and liabilities not measured at fair value

The carrying amounts of the Group's financial instruments not presented on the Group's statement of financial position at their fair values are not materially different from their fair values as at 31 December 2018 and 31 December 2017 except for the following financial instruments, for which their carrying amounts and fair values and the level of fair value hierarchy are disclosed below:

		於二零一八年十二月三十一日 As at 31 December 2018				於二零一七年十二月三十一日 As at 31 December 2017			
		賬面值 Carrying amount	公平值 Fair value	第一層 Level 1	第二層 Level 2	賬面值 Carrying amount	公平值 Fair value	第一層 Level 1	第二層 Level 2
		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
金融資產	Financial assets								
證券投資	Investment securities								
— 按攤銷成本列賬	— amortised cost	11,546,833	11,530,161	11,530,161	-	-	-	-	-
— 持有至到期	— held-to-maturity	-	-	-	-	10,347,834	10,561,660	10,263,983	297,677
金融負債	Financial liabilities								
已發行債務證券	Debt securities issued	37,148,896	36,588,554	-	36,588,554	34,698,760	34,830,933	-	34,830,933

估計金融工具公平值時已使用下列方法及重要假設：

(i) 現金及短期資金

現金及短期資金包括銀行存款，並於扣除減值撥備後列賬。浮息存款的公平值即其賬面值。定息存款（存款期通常少於六個月）的估計公平值乃基於使用同類信貸風險債務的現行貨幣市場利率及剩餘年期計算之折現現金流量。因此，存款的公平值約等於其賬面值。

(ii) 貸款組合淨額

貸款組合於扣除減值撥備後列賬。小部分貸款組合按固定利率計息。因此，貸款組合的賬面值為公平值的合理估計。

The following methods and significant assumptions have been used to estimate the fair values of financial instruments:

(i) Cash and short-term funds

Cash and short-term funds include bank deposits and are stated net of impairment allowance. The fair value of floating-rate deposits is the carrying amount. The estimated fair value of fixed-rate deposits, which are normally less than 6 months, is based on discounted cash flows using prevailing money-market interest rates for debts with similar credit risk and remaining maturity. Therefore, the fair value of the deposits is approximately equal to their carrying value.

(ii) Loan portfolio, net

Loan portfolio is stated net of impairment allowance. An insignificant portion of loan portfolio bears interest at fixed rate. Therefore, the carrying value of loan portfolio is a reasonable estimate of the fair value.

<p>(iii) 按攤銷成本列賬(先前為持有至到期)的證券投資</p> <p>證券投資於扣除減值撥備後列賬。按攤銷成本列賬的證券投資之公平值以市價或經紀/交易商報價的淨價為基礎。倘未能取得有關資料，則採用具有同類信貸、到期日及收益率等特點之證券所報的市價估計公平值。</p>	<p>(iii) Investment securities at amortised cost (previously held-to-maturity)</p> <p>Investment securities are stated net of impairment allowance. Fair value for investment securities at amortised cost is based on market prices or broker/dealer price quotations, which are the clean prices. Where this information is not available, fair value has been estimated using quoted market prices for securities with similar credit, maturity and yield characteristics.</p>
<p>(iv) 外匯基金存款</p> <p>外匯基金存款的公平值乃參考未來年度的估計投資回報率釐定，其公平值與賬面值相若。</p>	<p>(iv) Placements with the Exchange Fund</p> <p>The fair value of the placements with the Exchange Fund is determined with reference to the estimated rates of investment return for future years, approximating its carrying values.</p>
<p>(v) 其他資產</p> <p>這些主要是指在呈報期日後執行結算的債務證券的應收款項，其公平值與賬面值相若。</p>	<p>(v) Other assets</p> <p>These mainly represent receivables from debt securities executed for settlement after the reporting date with the fair value approximating the carrying amount.</p>
<p>(vi) 已發行債務證券</p> <p>公平值總額乃基於市場報價的淨價計算。至於未有市場報價的債券，會基於到期前剩餘期限的現時收益率曲線並採用現金流量折現模型計算。</p>	<p>(vi) Debt securities issued</p> <p>The aggregate fair values are calculated based on quoted market prices, which are the clean prices. For those notes where quoted market prices are not available, a discounted cash flow model is used based on a current yield curve appropriate for the remaining term to maturity.</p>
<p>(vii) 其他負債</p> <p>其他負債主要指二零零三年十二月及二零零四年一月自政府購買的按揭貸款加強信貸安排的遞延代價，其公平值與賬面值相若。</p>	<p>(vii) Other liabilities</p> <p>These mainly represent the deferred consideration used for credit enhancement on the mortgage loans purchased from the Government in December 2003 and January 2004 with the fair value approximating the carrying amount.</p>

(viii) 應收利息及匯款及應付利息

應計利息被獨立確認，由於預期將在呈報期日起計的十二個月內收回或償還，其公平值與賬面值相若。匯款預期將在呈報期日起計一個月內收回，其公平值與賬面值相若。

(viii) Interest and remittance receivables and interest payable

Accrued interest is recognised separately with the fair value approximating the carrying amount as it is expected to be recovered or settled within twelve months from the reporting date. Remittance receivables are expected to be recovered within one month from the reporting date with the fair value approximating the carrying amount.

4.7. 資本管理

本集團管理資本（其涵蓋範圍較列於財務狀況表賬面的權益為廣）的目的如下：

- 本公司及其保險附屬公司分別需符合政府財政司司長（**財政司司長**）及保險業監管局制定的資本規定；
- 確保本集團持續營運的能力，以繼續為股東提供回報；
- 維持本集團的穩定及發展；
- 按有效及風險為本的方法分配資本，優化對股東的經風險調節的回報；及
- 維持雄厚的資本基礎支持業務發展。

管理層根據財政司司長頒布的資本充足率指引（**指引**），每日監控資本充足程度及監管資金的用途。指引主要參照巴塞爾協定II以風險為本的資本充足框架，而指引亦規定最低資本充足率為8%。

4.7. Capital management

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

- To comply with the capital requirements set by the Financial Secretary of the Government (**Financial Secretary**) and the Insurance Authority for the Company and its insurance subsidiaries respectively;
- To safeguard the Group's ability to continue as a going concern so that it can continue to provide returns for shareholders;
- To support the Group's stability and growth;
- To allocate capital in an efficient and risk based approach to optimise risk adjusted return to the shareholders; and
- To maintain a strong capital base to support the development of its business.

Capital adequacy and the use of regulatory capital are monitored daily by the management in accordance with the Guidelines on Capital Adequacy Ratio (**Guidelines**) issued by the Financial Secretary, by reference largely to Basel II risk-based capital adequacy framework. The minimum Capital Adequacy Ratio (**CAR**) stipulated in the Guidelines is 8%.

總裁須根據財政司司長頒布的指引每季度向董事局提交報告。如資本充足率下跌至14%的臨界水平，總裁會通知執行董事。如資本充足率下跌至12%或以下，董事局將獲通知，並會採取適當的補救措施。年內，本集團均遵守財政司司長制定的指引的所有資本規定。

根據參考《銀行業(資本)規則》制定的資本充足率指引，《銀行業(資本)規則》下的資本比率計算基礎跟隨財務報告的綜合基礎，但不包括屬於「受規管金融機構」(例如保險公司)的附屬公司。此乃由於該等機構受監管機構所監督，並須維持足以維持業務活動的資本(例如償付能力充足率)，與《銀行業(資本)規則》對銀行所規定者相若。該等未予綜合的受規管金融機構的投資成本從資本基礎中扣除，而相應的相關的風險資產亦不會計入加權資產的計算中。

下表概述於呈報期末的資本基礎組成及資本充足率。

The Chief Executive Officer is required to submit a report to the Board of Directors on a quarterly basis by reference to the Guidelines issued by the Financial Secretary. If the CAR drops to the threshold level of 14%, the Chief Executive Officer will alert the Executive Directors. If the CAR falls to 12% or below, the Board of Directors will be informed and appropriate remedial actions will be taken. During the year, the Group complied with all of the capital requirement set out in the Guidelines by the Financial Secretary.

Pursuant to the Guidelines on the CAR, which is made by reference to the Banking (Capital) Rules (**BCR**), the calculation basis of capital ratio under the BCR follows the basis of consolidation for financial reporting with the exclusion of subsidiaries which are “regulated financial entities” (e.g. insurance companies). It is because these entities are supervised by a regulator and are subject to the maintenance of adequate capital (e.g. solvency ratio) to support business activities comparable to those prescribed for banks under the BCR. The investment cost of these unconsolidated regulated financial entities is deducted from the capital base whilst the corresponding related exposures are also excluded from the calculation of risk-weighted assets.

The table below summarises the composition of capital base and the CAR as at the end of the reporting period.

		2018	2017
		千港元	千港元
		HK\$'000	HK\$'000
股本	Share capital	7,000,000	2,000,000
儲備	Reserves	8,150,766	7,662,473
減值撥備	Impairment allowance	3,290	386
扣除：	Deductions:		
— 於受監管附屬公司的投資	— Investment in regulated subsidiaries	(8,000,000)	—
— 其他扣除額	— Other deductions	(2,971)	(183,796)
資本基礎總額	Total capital base	7,151,085	9,479,063
資本充足率	Capital Adequacy Ratio	26.8%	21.0%

4.8. 金融資產及金融負債之對銷

下表披露涉及在本集團的綜合財務狀況表中並沒有對銷的金融資產和金融負債，但該等資產和負債受強制淨額結算安排或涵蓋類似金融工具的相若協議所約束。披露有助對總額和淨額的了解，及提供減低相關信貸風險的附加資料。

4.8. Offsetting financial assets and financial liabilities

The disclosures set out in the tables below pertain to financial assets and financial liabilities that are not offset in the Group's consolidated statement of financial position but are subject to enforceable master netting arrangements or similar agreements that cover similar financial instruments. The disclosures enable the understanding of both the gross and net amounts, as well as provide additional information on how such credit risk is mitigated.

		於二零一八年十二月三十一日 As at 31 December 2018				於二零一七年十二月三十一日 As at 31 December 2017			
		相關但並未在綜合財務狀況表				相關但並未在綜合財務狀況表			
綜合財務 狀況表的 賬面值 Carrying amounts on the consolidated statement of financial position	對銷的金額 [#] Related amount not set off in the consolidated statement of financial position [#]	衍生金融工具		淨額* Net amount*	綜合財務 狀況表的 賬面值 Carrying amounts on the consolidated statement of financial position	對銷的金額 [#] Related amount not set off in the consolidated statement of financial position [#]	衍生金融工具		淨額* Net amount*
		Derivative financial instruments	現金抵押品 Cash collateral				Derivative financial instruments	Cash collateral	
千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
金融資產	Financial assets								
正數的衍生金融 工具公平值	Positive fair values for derivative financial instruments	161,047	(98,859)	(58,154)	4,034	333,727	(79,634)	(207,029)	47,064
金融負債	Financial liabilities								
負數的衍生金融 工具公平值	Negative fair values for derivative financial instruments	264,386	(98,859)	(137,483)	28,044	119,064	(79,634)	(29,315)	10,115

[#] 「相關但並未在綜合財務狀況表對銷的金額」指受淨額結算安排或相約協議包括信貸支持附件所約束的金融負債/資產金額。

^{*} 淨額指受淨額結算安排或相約協議所約束的金融資產/負債，但倘若本集團的交易對手違約，其並沒有相等的金融負債/資產可與本集團作對銷。

[#] Amounts under "Related amount not set off in the consolidated statement of financial position" represent the amounts of financial liabilities/assets position that are subject to netting arrangements or similar agreements including CSA.

^{*} Net amount represents financial assets/liabilities that are subject to netting arrangements or similar agreements but the Group's counterparty does not have equivalent financial liabilities/assets position with the Group to offset upon default.

5. 關鍵會計估計及假設

本集團採用對下一個財政年度的資產及負債列賬額有影響之估計及假設。本集團會根據過往經驗及其他因素(包括於有關情況下對未來事項作出的合理預期)，持續評估所作估計及判斷。

5.1 貸款組合的減值撥備

本集團會檢討其貸款組合，以定期評估預期信貸虧損。在釐定預期信貸虧損時，本集團對自初始確認後信貸風險是否有任何重大增加作出判斷。就假設及估計，本集團需納入有關過去事件、當前狀況及經濟狀況預測的相關資料作出判斷。估計未來現金流量額及時間的方法及假設會定期檢討，以減小估計虧損及實際虧損經驗的差異。

貸款組合於二零一八年十二月三十一日的賬面值在附註 19 內披露。

5.2 一般保險業務的保險及擔保組合的未決申索撥備

本集團檢討其保險及擔保組合，以評估未決申索撥備，包括數額未經確定的申索及來自未通知承保者的事件的申索，即已產生但未申報及相關的索償付款開支。在決定未決申索撥備時，本集團在保險及擔保合約下履行其責任中需支付作出判斷及假設，包括但不限於應用的損失嚴重率、經濟氣候及本地物業市場。估算最終申索數額的方法及假設會作定期檢討。

5. Critical accounting estimates and assumptions

The Group makes estimates and assumptions that affect the reported amounts of assets and liabilities within the next financial year. Estimates and judgements 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.

5.1. Impairment allowances on loan portfolio

The Group reviews its loan portfolio to assess ECLs on a regular basis. In determining ECLs, the Group makes judgements as to whether there is any significant increase in credit risk since initial recognition. It is required to exercise judgements in making assumptions and estimates to incorporate relevant information about past events, current conditions and forecast of economic conditions. The methodology and assumptions used for estimating both the amount and timing of future cash flows are reviewed regularly to reduce any differences between loss estimates and actual loss experience.

The carrying amount of loan portfolio as at 31 December 2018 is disclosed in Note 19.

5.2. Provision for outstanding claims on insurance and guarantee portfolios of general insurance business

The Group reviews its insurance and guarantee portfolios to assess provision for outstanding claims, including claims of which the amounts have not been determined and claims arising out of incidents that have not been notified to the insurer, known as "Incurred But Not Reported" and related expenses for settling such claims. In determining the provision for outstanding claims, the Group makes judgement and assumptions including but not limited to the loss severity rate applied, the economic climate and the local property market in making estimation of the payments which the Group is required to make in fulfilling its obligations under the insurance and guarantee contracts. The methodology and assumptions used for estimating the ultimate claim amount are reviewed regularly.

保險負債於二零一八年十二月三十一日的賬面值在附註27內披露。

5.3. 人壽保險業務的保險合約負責

保險合約負債乃基於當前假設，並考慮風險因素及假設上的偏差。所用的主要假設涉及死亡率、長壽、費用及折現率，並定期進行檢討。

保險負債於二零一八年十二月三十一日的賬面值在附註27內披露。

6. 分類資料

本集團主要在香港從事購買資產及供款管理服務、一般保險及人壽保險業務。其他業務，例如為提供資金以購入按揭貸款而發行的債務工具，及將按揭貸款收取款項所產生的盈餘資金進行再投資，被視為按揭業務的附屬業務。於二零一七年，本集團作為一個整體，建基於以按揭相關業務作為單一分類來處理資源分配和績效評估。隨著於二零一八年完成企業重組及開展年金業務，已識別以下三個經營分類。

一般保險主要包括按揭保險、安老按揭及中小企融資擔保業務。人壽保險包括年金業務。購買資產及供款管理服務包括貸款收購業務及債務發行等其他業務。

The carrying amount of insurance liabilities as at 31 December 2018 is disclosed in Note 27.

5.3. Insurance contract liabilities of life insurance business

The liability for insurance contracts is based on current assumptions with a margin for risk and adverse deviation. The main assumptions used relate to mortality, longevity, expenses and discount rates, which are reviewed regularly.

The carrying amount of insurance liabilities as at 31 December 2018 is disclosed in Note 27.

6. Segment information

The Group is principally engaged in asset purchase and servicing, general insurance and life insurance businesses in Hong Kong. Other activities such as debt issuance to fund the mortgage purchase and investment to reinvest the surplus funds from mortgage receipt are considered ancillary to mortgage business. In 2017, the Group was organised in such a way that resource allocation and performance measurement were based on the Group as a whole in a single segment for mortgage related businesses. With the completion of corporate restructuring and the launch of annuity business in 2018, the following three operating segments are identified.

General insurance includes mainly mortgage insurance, reverse mortgage and SME financing guarantee businesses. Life insurance includes annuity business. Asset purchase and servicing include loan acquisition business and other activities such as debt issuance.

下表列示本集團截至二零一八年十二月三十一日止年度經營分部的收入、溢利及其他資料。

The following tables represent revenue, profit and other information for operating segments of the Group for the year ended 31 December 2018.

		購買資產及 供款管理服 務	一般保險	人壽保險	分部間對銷	總計
		Asset purchase and servicing	General insurance	Life insurance	Inter- segment elimination	Total
		千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000
截至二零一八年十二月三十一日止年度	Year ended 31 December 2018					
淨利息收入	Net interest income	438,904	95,264	2,041	-	536,209
淨保險業務業績	Net insurance business results	-	243,509	(549,885)	-	(306,376)
其他收入	Other income	162,269	34	184,952	(97,622)	249,633
經營收入	Operating income	601,173	338,807	(362,892)	(97,622)	479,466
經營支出	Operating expenses	(240,840)	(166,087)	(103,083)	97,622	(412,388)
未計減值前的經營溢利	Operating profit before impairment	360,333	172,720	(465,975)	-	67,078
減值回撥/(撥備)	Write back/(charge) of impairment allowances	153	(280)	(7)	-	(134)
除稅前溢利	Profit before taxation	360,486	172,440	(465,982)	-	66,944
稅項	Taxation					59,614
本年度溢利	Profit for the year					126,558
於二零一八年十二月三十一日	As at 31 December 2018					
分部資產	Segment assets	49,699,136	5,008,698	8,008,883	(235,148)	62,481,569
分部負債	Segment liabilities	42,550,765	1,863,272	3,408,971	(235,148)	47,587,860

7. 利息收入

7. Interest income

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
貸款組合	Loan portfolio	162,583	165,467
現金及短期資金	Cash and short-term funds	557,744	320,395
證券投資	Investment securities	509,383	416,471
		1,229,710	902,333

8. 利息支出

8. Interest expense

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
銀行借款及已發行債務證券	Bank loans and debt securities issued	607,367	349,328
其他	Others	86,134	45,427
		693,501	394,755

9. 保險業務的收益賬

9. Revenue account for insurance business

		2018		
		一般保險 General insurance 千港元 HK\$'000	人壽保險 Life insurance 千港元 HK\$'000	總計 Total 千港元 HK\$'000
毛保費 (附註 (a) 及附註 27(a)(i))	Gross premiums written (Note (a) and Note 27(a)(i))	634,757	2,780,240	3,414,997
再保險保費 (附註 27(a)(i))	Reinsurance premiums (Note 27(a)(i))	(69,018)	-	(69,018)
保險費淨額 (附註 27(a)(i))	Net premiums written (Note 27(a)(i))	565,739	2,780,240	3,345,979
未滿期保費的變動淨額	Movement in unearned premiums, net	(188,327)	-	(188,327)
已滿期保費淨額 (附註 27(a)(i))	Net premiums earned (Note 27(a)(i))	377,412	2,780,240	3,157,652
申索產生淨額、已付利益及 保單持有人負債變動 (附註 27(a)(ii) 及附註 27(b)(i))	Net claims incurred, benefits paid and movement in policyholders' liabilities (Note 27(a)(ii) and Note 27(b)(i))	(3,392)	(3,317,645)	(3,321,037)
撥備後已滿期保費淨額	Net premiums earned after provisions	374,020	(537,405)	(163,385)
佣金支出	Commission expenses	(154,121)	(12,268)	(166,389)
徵費支出	Levy expenses	-	(212)	(212)
再保險公司承擔的佣金支出	Reinsurers' share of commission expenses	23,610	-	23,610
佣金支出淨額及徵費支出	Net commission and levy expenses	(130,511)	(12,480)	(142,991)
扣除佣金及徵費支出後 已滿期保費淨額	Net premiums earned after commission and levy expenses	243,509	(549,885)	(306,376)

		2017 一般保險 2017 General insurance 千港元 HK\$'000
毛保費(附註(a)及附註27(a)(i))	Gross premiums written (Note (a) and Note 27(a)(i))	493,459
再保險保費(附註27(a)(i))	Reinsurance premiums (Note 27(a)(i))	(76,383)
保險費淨額(附註27(a)(ii))	Net premiums written (Note 27(a)(ii))	417,076
未滿期保費的變動淨額	Movement in unearned premiums, net	(64,662)
已滿期保費淨額(附註27(a)(i))	Net premiums earned (Note 27(a)(i))	352,414
申索產生淨額(附註27(a)(ii))	Net claims incurred (Note 27(a)(ii))	(641)
撥備後已滿期保費淨額	Net premiums earned after provisions	351,773
佣金支出	Commission expenses	(166,252)
再保險公司承擔的佣金支出	Reinsurers' share of commission expenses	25,798
佣金支出淨額	Net commission expenses	(140,454)
扣除佣金後已滿期保費淨額	Net premiums earned after commission	211,319

附註：

- (a) 就一般保險業務而言，毛保費主要來自按揭及安老按揭貸款保險業務，小部分來自為資助房屋計劃的業主而設主要用於補地價的一筆過貸款的按揭保險。

Note:

- (a) For general insurance business, gross premiums were mainly derived from mortgage insurance cover on mortgage loans and on reverse mortgage loans with a small portion from mortgage insurance cover on lump-sum loans to owners of properties of subsidised housing schemes primarily for land premium settlement.

10. 其他收入

10. Other income

		2018	2017
		千港元	千港元
		HK\$'000	HK\$'000
來自外匯基金存款的 收益	Income from placements with the Exchange Fund	184,934	–
提早還款費用及過期罰款	Early prepayment fees and late charges	384	466
匯兌差額	Exchange difference	12,335	171,147
金融工具公平值變動 淨額	Net change in fair value of financial instruments	11,840	(1,057)
以公平值變化計入損益的 投資虧損淨額	Net loss on investments at fair value through profit or loss	(13,500)	–
上市投資的股息收入	Dividend income from listed investments	58,626	82,878
出售按攤銷成本列賬的投資 收益淨額	Net gains on disposal of investments at amortised cost	192	–
出售可供出售投資的收益 淨額(附註13)	Net gains on disposal of available-for-sale investments (Note 13)	–	163,538
其他	Others	(5,178)	(2,488)
		249,633	414,484

金融工具公平值變動相當於以下各項的總和：(i)指定為公平值對沖的對沖工具公平值虧損3.24億港元(二零一七年：16.76億港元收益)及對沖項目公平值收益3.25億港元(二零一七年：16.76億港元虧損)；及(ii)不符合採用對沖會計方法的衍生工具公平值收益700萬港元(二零一七年：200萬港元虧損)及指定為以公平值變化計入損益的已發行債務證券公平值收益400萬港元(二零一七年：100萬港元)。

Change in fair value of financial instruments represented the aggregate of (i) HK\$324 million fair value loss on hedging instruments designated as fair value hedge (2017: HK\$1,676 million gain) and HK\$325 million fair value gain on the hedged items (2017: HK\$1,676 million loss); and (ii) HK\$7 million fair value gain on derivatives not qualified as hedges for accounting purposes (2017: HK\$2 million loss) and HK\$4 million fair value gain on debt securities issued designated as at fair value through profit or loss (2017: HK\$1 million).

11. 經營支出

11. Operating expenses

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
僱員成本：	Staff costs:		
— 薪金及福利	— Salaries and benefits	237,081	176,713
— 退休金成本—界定供款計劃	— Pension costs—defined contribution plans	13,576	12,060
辦公室：	Premises:		
— 租金	— Rental	49,845	32,420
— 其他	— Others	9,123	6,589
董事袍金	Directors' fees	—	—
就董事參與公司管理事務的其他服務而付予之酬金：	Emoluments in respect of directors' other services in connection with the management of the affairs of the Company:		
— 薪金、津貼及花紅	— Salaries, allowances and bonus	6,367	6,184
— 為退休計劃所作之供款	— Retirement scheme contributions	633	616
折舊(附註24)	Depreciation (Note 24)	19,371	14,415
財經資訊服務	Financial information services	8,259	6,015
顧問費	Consultancy fees	17,248	16,526
市場推廣及廣告支出	Marketing and advertising expenses	21,294	15,559
其他經營支出	Other operating expenses	29,591	17,099
		412,388	304,196

12. 核數師酬金

12. Auditor's remuneration

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
核數師酬金：	Auditor's remuneration:		
— 審核服務	— Audit services	3,215	1,735
— 其他服務	— Other services	1,349	2,151
		4,564	3,886

13. 出售可供出售投資的收益淨額 **13. Net gains on disposal of available-for-sale investments**

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
出售可供出售投資的 收益淨額：	Net gains on disposal of available-for-sale investments:		
— 變現於一月一日已於儲備 內確認的款項	— Realisation of amounts recognised in reserves up to 1 January	—	83,161
— 本年度產生收益淨額	— Net gains arising in current year	—	80,377
		—	163,538

14. 減值撥備 **14. Charge of impairment allowances**

		2017 千港元 HK\$'000	
減值撥備 / (回撥)：	Charge/(write-back) of impairment allowances:		
— 現金及短期資金 (附註 4.2(b))	— Cash and short-term funds (Note 4.2(b))		—
— 證券投資	— Investment securities		
— 按攤銷成本列賬 (附註 4.2(c)(i))	— amortised cost (Note 4.2(c)(i))		—
— 以公平值變化計入其他 全面收益 (附註 4.2(c)(ii))	— FVOCI (Note 4.2(c)(ii))	14	—
— 貸款組合 (附註 4.2(a))	— Loan portfolio (Note 4.2(a))	18	453
		134	453

15. 稅項

(a) 綜合收益表內的稅項為：

15. Taxation

(a) Taxation in the consolidated income statement represents:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
香港利得稅	Hong Kong profits tax		
— 當期稅項	— Current tax	17,987	21,676
— 過往年度調整	— Adjustment in respect of prior years	(30)	421
		17,957	22,097
遞延稅項	Deferred taxation		
— 本年度(退回)/支出	— (Credit)/charge for current year	(77,571)	240
		(59,614)	22,337

就本期間產生的估計應課稅溢利按16.5%(二零一七年:16.5%)的稅率計提香港利得稅撥備。遞延稅項以負債法按16.5%(二零一七年:16.5%)的主要稅率計算全部的暫時差額。

Hong Kong profits tax has been provided at the rate of 16.5% (2017: 16.5%) on the estimated assessable profit for the period. Deferred taxation is calculated in full on temporary differences under the liability method using a principal taxation rate of 16.5% (2017: 16.5%).

本集團的除稅前溢利的稅項與採用香港稅率計算的理論金額的差異如下：

The taxation on the Group's profit before taxation differs from the theoretical amount that would arise using the taxation rate of Hong Kong as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
除稅前溢利	Profit before taxation	66,944	828,732
按16.5%(二零一七年:16.5%)的稅率計算	Calculated at a taxation rate of 16.5% (2017: 16.5%)	11,046	136,741
稅務影響：	Tax effect of:		
— 毋須繳稅的收入	— income not subject to taxation	(157,438)	(158,786)
— 不可扣稅的開支	— expenses not deductible for taxation purposes	86,808	43,961
— 過往年度調整	— adjustment in respect of prior years	(30)	421
稅項(退回)/支出	Taxation (credit)/charge	(59,614)	22,337

(b) 財務狀況表內的稅項撥備為：

(b) Provision for taxation in the statement of financial position represents:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
當期稅項資產 (包括於「其他資產」內)	Current tax assets (included in "Other assets")	-	351
遞延稅項資產	Deferred tax assets	77,866	295
		77,866	646
當期稅項負債	Current tax liabilities	104,077	116,288

於二零一八年十二月三十一日及二零一七年十二月三十一日，並無任何重大未撥備遞延稅項。

There was no significant unprovided deferred taxation as at 31 December 2018 and 31 December 2017.

遞延稅項(資產)/負債的主要組成部分及年內變動如下：

The major components of deferred tax (assets)/liabilities and the movements during the year are as follows:

		加速稅項折舊 Accelerated tax depreciation 千港元 HK\$'000	減值撥備 Impairment allowances and provisions 千港元 HK\$'000	公平值變動 Fair value changes 千港元 HK\$'000	稅務虧損 Tax losses 千港元 HK\$'000	總額 Total 千港元 HK\$'000
於二零一七年一月一日	As at 1 January 2017	2,811	(3,346)	17,195	-	16,660
於收益表內扣除/(存入)	Charged/(credited) to income statement	555	(315)	-	-	240
於權益內存入	Credited to equity	-	-	(17,195)	-	(17,195)
於二零一七年十二月三十一日	As at 31 December 2017	3,366	(3,661)	-	-	(295)
於收益表內扣除/(存入)	Charged/(credited) to income statement	603	(964)	-	(77,210)	(77,571)
於二零一八年十二月三十一日	As at 31 December 2018	3,969	(4,625)	-	(77,210)	(77,866)

遞延稅項資產只限於有足夠未來應課稅溢利可供變現的情況下方會確認。未動用稅務虧損可無限期結轉。

Deferred tax assets are recognised to the extent that sufficient future taxable profits will be available for realisation. The unused tax losses can be carried forward indefinitely.

於十二個月內，無任何重大遞延稅項資產/負債需要結算。

There is no significant amount of deferred tax assets/liabilities to be settled within twelve months.

16. 現金及短期資金

16. Cash and short-term funds

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
銀行現金	Cash at banks	196,590	93,799
銀行定期存款	Time deposits with banks	29,195,211	25,184,391
現金及短期資金總額	Gross cash and short-term funds	29,391,801	25,278,190
現金及短期資金的減值撥備 (附註4.2(b))	Impairment allowance on cash and short-term funds (Note 4.2 (b))	(946)	—
		29,390,855	25,278,190

就現金流量表而言，現金及等同現金項目包括以下自交易日期起計三個月內到期的結餘。

For the purposes of the statement of cash flows, cash and cash equivalents comprise the following balances with less than three months' maturity from the date of transaction.

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
銀行現金	Cash at banks	196,590	93,799
銀行定期存款	Time deposits with banks	14,581,211	14,992,391
現金及等同現金項目	Cash and cash equivalents	14,777,801	15,086,190

17. 應收利息及匯款

17. Interest and remittance receivables

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
以下各項的應收利息：	Interest receivable from:		
— 利率掉期合約	— interest rate swap contracts	161,582	143,319
— 證券投資	— investment securities	135,392	109,921
— 銀行定期存款	— time deposits with banks	99,291	47,075
貸款組合的應收利息及 分期付款	Interest receivable and instalments, in transit from loan portfolio	41,654	43,663
		437,919	343,978

18. 衍生金融工具**(a) 衍生工具的應用**

本集團應用下列衍生工具對沖本集團的金融風險。

貨幣遠期合約為在未來日期以預先指定的匯率購買或出售外幣的承諾。貨幣及利率掉期為以一組現金流量換取另一組現金流量的承諾。掉期導致貨幣或利率或兩者組合的轉換。除若干貨幣掉期外，該等交易不涉及轉換本金。本集團的信貸風險為交易對手未能履行其責任而重置掉期合約的潛在成本。本集團根據審慎的庫務交易對手風險管理機制，持續監測有關風險。

若干種類金融工具的名義金額，為於綜合財務狀況表確認的工具提供一個比較的基準，惟未必反映涉及的未來現金流量的金額或工具當前的公平值，因此，並不能反映本集團面臨的信貸或價格風險。隨著市場利率及匯率相對其條款的波動，衍生工具可能對本集團產生有利（資產）或不利（負債）的影響。衍生金融工具的合約或名義金額總額、上述有利或不利影響幅度，及衍生工具金融資產及負債之公平總值，可能不時大幅波動。所持有的衍生工具公平值載於下文。

18. Derivative financial instruments**(a) Use of derivatives**

The Group uses the following derivative instruments to hedge the Group's financial risks.

Currency forwards are commitment to purchase or sell foreign currency at a pre-specified exchange rate on a future date. Currency and interest rate swaps are commitments to exchange one set of cash flows for another. Swaps result in an exchange of currencies or interest rates or a combination of all these. No exchange of principal takes place except for certain currency swaps. The Group's credit risk represents the potential cost to replace the swap contracts if counterparties fail to perform their obligations. This risk is monitored on an ongoing basis under a prudent treasury counterparty risk management framework.

The notional amounts of certain types of financial instruments provide a basis for comparison with instruments recognised on the consolidated statement of financial position but do not necessarily indicate the amounts of future cash flows involved or the current fair value of the instruments and, therefore, do not indicate the Group's exposure to credit or price risks. The derivative instruments become favourable (assets) or unfavourable (liabilities) as a result of fluctuations in market interest rates or foreign exchange rates relative to their terms. The aggregate contractual or notional amounts of derivative financial instruments on hand, the extent to which instruments are favourable or unfavourable, and thus the aggregate fair values of derivative financial assets and liabilities, can fluctuate significantly from time to time. The fair values of derivative instruments held are set out below.

		2018			2017		
		合約/ 名義金額 Contract/ notional amounts HK\$'000	公平值 Fair values		合約/ 名義金額 Contract/ notional amounts HK\$'000	公平值 Fair values	
			資產 Assets HK\$'000	負債 Liabilities HK\$'000		資產 Assets HK\$'000	負債 Liabilities HK\$'000
(i)	不符合採用對沖會計方法的 衍生工具	(i)	Derivatives not qualified as hedges for accounting purposes				
	利率掉期		11,041	(77)	3,017,791	6,235	(2,188)
	貨幣遠期合約		700	(565)	-	-	-
			11,741	(642)		6,235	(2,188)
(ii)	公平值對沖衍生工具	(ii)	Fair value hedge derivatives				
	利率掉期		129,153	(78,663)	13,908,877	176,586	(65,975)
	貨幣掉期		20,153	(185,081)	7,302,494	150,906	(50,901)
			149,306	(263,744)		327,492	(116,876)
	已確認衍生工具資產/ (負債)總額		161,047	(264,386)		333,727	(119,064)
			Total recognised derivative assets/(liabilities)				

(b) 對沖活動

倘衍生工具作為公平值對沖或現金流對沖，就會計處理而言，衍生工具入賬時符合對沖資格。本集團的公平值對沖主要包括用於保障因已發行債務證券公平值的任何潛在變動所引致的利率風險和外匯風險的利率和貨幣掉期。於二零一八年十二月三十一日及二零一七年十二月三十一日，並無任何指定以現金流對沖衍生工具。

(b) Hedging activities

Derivatives may qualify as hedges for accounting purposes if they are fair value hedges or cash flow hedges. The Group's fair value hedge principally consists of interest rate and currency swaps that are used to protect interest rate risk and foreign currency risk resulting from any potential change in fair value of underlying debt securities issued. There were no derivatives designated as cash flow hedges as at 31 December 2018 and 31 December 2017.

19. 貸款組合淨額

19. Loan portfolio, net

(a) 貸款組合減撥備

(a) Loan portfolio less allowance

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
住宅按揭貸款組合	Residential mortgage portfolio	6,179,353	7,484,605
非按揭貸款組合	Non-mortgage portfolio	263,377	345,222
		6,442,730	7,829,827
貸款減值撥備(附註4.2(a))	Allowance for loan impairment (Note 4.2(a))	(666)	(386)
		6,442,064	7,829,441

貸款減值撥備總額佔貸款組合尚未償還本金結餘的百分比如下：

Total allowance for loan impairment as a percentage of the outstanding principal balances of the loan portfolio is as follows:

		2018	2017
貸款減值撥備總額佔貸款組合總額的百分比	Total allowance for loan impairment as a percentage of the gross loan portfolio	0.010%	0.005%

作出貸款減值撥備時，已考慮抵押品的目前市值。

Allowance for loan impairment has been made after taking into account the current market value of the collateral.

		2018	2017
減值貸款組合總額佔貸款組合總額的百分比	Gross impaired loan portfolio as a percentage of gross loan portfolio	0.007%	0.005%

(b) 貸款組合內的融資租賃投資淨額

(b) Net investments in finance leases included in loan portfolio

		2018		
		最低應收租約 款項現值 Present value of minimum lease payments receivable 千港元 HK\$'000	未來期間的 利息收入 Interest income relating to future periods 千港元 HK\$'000	最低應收租約 款項總額 Total minimum lease payments receivable 千港元 HK\$'000
應收款項：	Amounts receivable:			
— 一年內	— within one year	25,533	5,341	30,874
— 一年後至五年內	— after one year but within five years	85,546	16,329	101,875
— 五年後	— after five years	142,565	17,318	159,883
		253,644	38,988	292,632

		2017		
		最低應收租約 款項現值 Present value of minimum lease payments receivable 千港元 HK\$'000	未來期間的 利息收入 Interest income relating to future periods 千港元 HK\$'000	最低應收租約 款項總額 Total minimum lease payments receivable 千港元 HK\$'000
應收款項：	Amounts receivable:			
— 一年內	— within one year	30,678	6,618	37,296
— 一年後至五年內	— after one year but within five years	109,174	20,535	129,709
— 五年後	— after five years	193,169	23,879	217,048
		333,021	51,032	384,053

沒有就融資租約應收賬款作出貸款減值撥備。

No allowance for loan impairment has been provided for finance lease receivable.

20. 證券投資

20. Investment securities

(a) 以公平值變化計入其他全面收益的證券投資

(a) Investment securities at FVOCI

		2018 千港元 HK\$'000	2017* 千港元 HK\$'000
按公平值列賬的債務證券	Debt securities at fair value		
於香港上市	Listed in Hong Kong	587,702	—
於香港境外上市	Listed outside Hong Kong	2,128,745	—
非上市	Unlisted	2,375,217	—
以公平值變化計入其他全面收益的證券總額	Total FVOCI securities	5,091,664	—

以公平值變化計入其他全面收益的證券包括債務證券，其中合約現金流量僅為本金及利息，而本集團持有此類債務證券之業務模式的目標則通過收取合約現金流量及出售金融資產而實現。

FVOCI securities comprise debt securities where the contractual cash flows are solely principal and interest and the objective of the Group's business model is achieved both by collecting contractual cash flows and selling financial assets.

按發行機構類別分析以公平值變化計入其他全面收益的證券如下：

FVOCI securities are analysed by categories of issuers as follows:

		2018 千港元 HK\$'000	2017* 千港元 HK\$'000
銀行及其他金融機構	Banks and other financial institutions	4,266,072	—
公司企業	Corporate entities	795,487	—
公營機構	Public sector entities	30,105	—
		5,091,664	—

以公平值變化計入其他全面收益的證券的變動概述如下：

The movement in FVOCI securities is summarised as follows:

		2018 千港元 HK\$'000	2017* 千港元 HK\$'000
於一月一日 (附註 3.1(c))	As at 1 January (Note 3.1(c))	5,480,912	–
增加	Additions	1,307,246	–
贖回	Redemption	(1,693,196)	–
攤銷	Amortisation	(2,534)	–
公平值變動	Change in fair value	(7,182)	–
外幣匯兌差額	Exchange difference	6,418	–
於十二月三十一日	As at 31 December	5,091,664	–

* 根據附註 20(d) 所披露，該等投資於二零一七年分類為可供出售。

* These investments were classified as available-for-sale in 2017 as disclosed in Note 20(d).

有關減值、信貸質素及本集團信貸風險的資料於附註 4.2(c) 披露。

Information on the impairment, credit quality and the Group's exposure to credit risk are disclosed in Note 4.2(c).

(b) 以公平值變化計入損益的證券投資

(b) Investment securities at FVPL

		2018 千港元 HK\$'000	2017* 千港元 HK\$'000
按公平值列賬的交易所買賣基金及房地產投資信託基金於香港上市	Exchange-traded funds and real estate investment funds at fair value Listed in Hong Kong	543,612	–
以公平值變化計入損益的證券總額	Total FVPL securities	543,612	–

本集團將不符合按攤銷成本計量或以公平值變化計入其他全面收益標準的交易所買賣基金及房地產投資信託基金等其他證券投資分類為以公平值變化計入損益。

The Group classifies other investment securities in exchange-traded funds and real estate investments trusts at FVPL, which do not qualify for measurement at either amortised cost or FVOCI.

以公平值變化計入損益的證券的變動
概述如下：

The movement in FVPL securities is summarised as follows:

		2018 千港元 HK\$'000	2017* 千港元 HK\$'000
於一月一日(附註3.1(a))	As at 1 January (Note 3.1(a))	1,657,750	-
增加	Additions	16,644	-
出售	Sale	(1,096,226)	-
公平值變動	Change in fair value	(35,278)	-
外幣匯兌差額	Exchange difference	722	-
於十二月三十一日	As at 31 December	543,612	-

* 根據附註20(d)所披露，該等投資於二零一七年分類為可供出售。

* These investments were classified as available-for-sale in 2017 as disclosed in Note 20(d).

(c) 按攤銷成本列賬的證券投資

(c) Investment securities at amortised cost

		2018 千港元 HK\$'000	2017# 千港元 HK\$'000
按攤銷成本列賬的債務證券	Debt securities at amortised cost		
於香港上市	Listed in Hong Kong	6,317,348	-
於香港境外上市	Listed outside Hong Kong	2,106,090	-
		8,423,438	-
非上市	Unlisted	3,124,837	-
按攤銷成本列賬的證券投資總額	Gross investment securities at amortised cost	11,548,275	-
按攤銷成本列賬的證券投資的減值撥備(附註4.2(c)(i))	Impairment allowance on investment securities at amortised cost (Note 4.2(c)(i))	(1,442)	-
按攤銷成本列賬的證券總額	Total amortised costs securities	11,546,833	-

本集團僅於同時符合以下標準之情況時，方會將證券投資分類為按攤銷成本列賬：

The Group classifies investment securities as at amortised cost only if both of the following criteria are met:

- 業務模式的目標為持有資產以收取合約現金流量；及
- 根據合約條款在指定日期的現金流量乃全數用於支付本金和未償還本金的利息。
- the asset is held within a business model with the objective of collecting the contractual cash flows, and
- the contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal outstanding.

按發行機構類別分析按攤銷成本列賬的證券如下：

Amortised cost securities are analysed by categories of issuers as follows:

		2018 千港元 HK\$'000	2017 [#] 千港元 HK\$'000
銀行及其他金融機構	Banks and other financial institutions	5,075,984	–
公司企業	Corporate entities	4,904,367	–
公營機構	Public sector entities	540,768	–
中央政府	Central governments	1,027,156	–
		11,548,275	–

按攤銷成本列賬的證券的變動概述如下：

The movement in amortised cost securities is summarised as follows:

		2018 千港元 HK\$'000	2017 [#] 千港元 HK\$'000
於一月一日(附註3.1(b))	As at 1 January (Note 3.1(b))	10,347,834	–
增加	Additions	1,855,361	–
出售及贖回	Sale and redemption	(653,843)	–
攤銷	Amortisation	(11,141)	–
外幣匯兌差額	Exchange difference	10,064	–
於十二月三十一日	As at 31 December	11,548,275	–

* 根據附註20(e)所披露，該等投資於二零一七年分類為持有至到期。

* These investments were classified as held-to-maturity in 2017 as disclosed in Note 20(e).

有關減值、信貸質素及本集團信貸風險的資料於附註4.2(c)披露。

Information on the impairment, credit quality and the Group's exposure to credit risk are disclosed in Note 4.2(c).

(d) 可供出售證券
(d) Available-for-sale securities

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
按公平值列賬的債務證券	Debt securities at fair value		
於香港上市	Listed in Hong Kong	–	279,317
於香港境外上市	Listed outside Hong Kong	–	2,315,572
非上市	Unlisted	–	2,886,023
按公平值列賬的其他證券	Other securities at fair value		
於香港上市	Listed in Hong Kong	–	1,657,750
可供出售證券總額	Total available-for-sale securities	–	7,138,662

其他證券指交易所買賣基金及房地產投資信託基金。

Other securities refer to exchange-traded funds and real estate investment trusts.

按發行機構類別分析可供出售證券如下：

Available-for-sale securities are analysed by categories of issuers as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
銀行及其他金融機構	Banks and other financial institutions	–	4,040,368
公司企業	Corporate entities	–	909,924
公營機構	Public sector entities	–	30,740
其他	Others	–	2,157,630
		–	7,138,662

可供出售證券的變動概述如下：

The movement in available-for-sale securities is summarised as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
於一月一日	As at 1 January	–	6,977,677
增加	Additions	–	3,144,426
出售及贖回	Sale and redemption	–	(3,212,744)
攤銷	Amortisation	–	(4,493)
公平值變動	Change in fair value	–	191,162
外幣匯兌差額	Exchange difference	–	42,634
於十二月三十一日	As at 31 December	–	7,138,662

(e) 持有至到期證券

(e) Held-to-maturity securities

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
按攤銷成本列賬的債務證券	Debt securities at amortised cost		
於香港上市	Listed in Hong Kong	–	5,501,627
於香港境外上市	Listed outside Hong Kong	–	1,959,044
		–	7,460,671
非上市	Unlisted	–	2,887,163
持有至到期證券總額	Total held-to-maturity securities	–	10,347,834

按發行機構類別分析持有至到期證券如下：

Held-to-maturity securities are analysed by categories of issuers as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
銀行及其他金融機構	Banks and other financial institutions	–	4,955,910
公司企業	Corporate entities	–	4,299,090
公營機構	Public sector entities	–	471,079
中央政府	Central governments	–	621,755
		–	10,347,834

持有至到期證券的變動概述如下：

The movement in held-to-maturity securities is summarised as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
於一月一日	As at 1 January	–	9,931,665
增加	Additions	–	3,112,996
贖回	Redemption	–	(2,746,656)
攤銷	Amortisation	–	(17,279)
外幣匯兌差額	Exchange difference	–	67,108
於十二月三十一日	As at 31 December	–	10,347,834

21. 外匯基金存款

本集團已將年金公司的外匯基金存款分類為以公平值變化計入損益的金融資產。於二零一八年十二月三十一日，外匯基金存款結餘為77億港元(二零一七年：無)，包括本金總額為76億港元(二零一七年：無)加上於呈報日已賺取及已累計但尚未提取的收入。

外匯基金存款投資於外匯基金的投資組合及長期增長組合，並受鎖定投資期限限制。外匯基金存款回報率按年釐定。就投資組合而言，回報率乃根據投資組合過去六年的年均回報率或上年度三年期政府債券的年均收益率(下限為0%)計算，以較高者為準。就長期增長組合而言，回報率乃根據本年度時間加權回報率釐定。

21. Placements with the Exchange Fund

The Group has classified the placements of HKMCA with the Exchange Fund as financial assets at fair value through profit or loss. As at 31 December 2018, the balance of the placements with the Exchange Fund amounted to HK\$7.7 billion (2017: nil), comprising a total principal sum of HK\$7.6 billion (2017: nil) plus income earned and accrued but not yet withdrawn as at the reporting date.

The placements with the Exchange Fund are invested in the Investment Portfolio and Long-Term Growth Portfolio of the Exchange Fund, subject to a lock-up period. The rate of return on the placements with the Exchange Fund is determined annually. For Investment Portfolio, the rate of return is calculated on the basis of the average annual rate of return on the portfolio over the past six years or the average annual yield of three-year Government Bond in the previous year (subject to a minimum of zero percent), whichever is the higher. With respect to the Long-Term Growth Portfolio, the rate of return is determined based on the current year time-weighted rate of return.

22. 附屬公司投資

於二零一八年十二月三十一日，本公司的附屬公司詳情如下：

22. Interests in subsidiaries

Details of the subsidiaries of the Company as at 31 December 2018 are as follows:

名稱 Name	註冊成立地點 Place of incorporation	主要業務 Principal activities	已發行及繳足股份詳情 (股份的類別) Particulars of issued and fully paid up share capital (Class of shares)	由公司 (或其代名人) 所持的股份 Percentage of shares held by the Company (or its nominee)	由公司的 附屬公司 (或其代名人) 所持股份的 百分率 Percentage of shares held by the Company's subsidiary (or its nominee)
香港按揭管理有限公司 HKMC Mortgage Management Limited	香港 Hong Kong	購入及管理按揭貸款、為小型貸款融資、及由銀行轉介安老按揭貸款及有關資助房屋計劃補地價貸款的貸款安排 Mortgage purchases and servicing, funding of microfinance loans, and origination of reverse mortgage loans and loans for land premium settlement in relation to subsidised sale flats referred by banks	1,000,000 港元 (普通股) HK\$1,000,000 (Ordinary)	100%	不適用 N/A
香港按證保險有限公司 [#] HKMC Insurance Limited [#]	香港 Hong Kong	一般保險業務 General insurance business	3,000,000,000 港元 (普通股) HK\$3,000,000,000 (Ordinary)	100%	不適用 N/A
香港年金有限公司 [^] HKMC Annuity Limited [^]	香港 Hong Kong	長期保險業務 Long term insurance business	5,000,000,000 港元 (普通股) HK\$5,000,000,000 (Ordinary)	100%	不適用 N/A
香港按揭證券融資(第一)有限公司* HKMC Funding Corporation (1) Limited*	香港 Hong Kong	於二零一八年並無商業活動 No business activity in 2018	1,000 港元 (普通股) HK\$1,000 (Ordinary)	不適用 N/A	不適用 N/A
Bauhinia MBS Limited*	開曼群島 Cayman Islands	於二零一八年並無商業活動 No business activity in 2018	1,000 美元 (普通股) US\$1,000 (Ordinary)	不適用 N/A	不適用 N/A
香港按揭信貸保證有限公司 HKMC Credit & Guarantee Corporation Limited	香港 Hong Kong	不活動狀態 Dormant	1 港元 (普通股) HK\$1 (Ordinary)	不適用 N/A	100%
Hong Kong Mortgage Credit & Guarantee Corporation Limited	香港 Hong Kong	不活動狀態 Dormant	1 港元 (普通股) HK\$1 (Ordinary)	不適用 N/A	100%

* 根據香港《公司條例》附表1，這些公司被定義為附屬企業。這些公司為購入按揭貸款和發行按揭證券而成立，而本公司並沒有持有這些公司的股份。

於二零一八年二月，本公司注資2,999,999,900港元，以補足按揭保險公司的已發行及繳足資本30億港元，但不配發及發行新股份，而於二零一八年五月，按揭保險公司獲保險業監管局正式授權，可進行從本公司轉移的一般保險業務。在上述轉移後，本公司已撤銷其於或自香港經營一般保證業務的授權。

^ 於二零一八年四月，政府透過外匯基金向本公司提供額外50億港元的股本。同日，本公司向年金公司注資4,999,999,900港元，作為年金公司經營年金業務的股本。於二零一八年五月，年金公司獲保險業監管局授權，可於或自香港經營長期保險業務。

* These companies are subsidiary undertakings as defined in Schedule 1 to the Hong Kong Companies Ordinance and the Company does not hold shares in these companies which are set up for mortgage purchases and mortgage-backed securities issuance.

In February 2018, the Company injected HK\$2,999,999,900 to make up issued and paid-up capital of HK\$3 billion of the HKMCI without allotting and issuing new shares and the HKMCI was granted formal authorisation from the Insurance Authority to carry on general insurance business which was transferred from the Company in May 2018. Subsequent to the said transfer, the Company withdrew its authorisation to carry on general insurance business in or from Hong Kong.

^ In April 2018, the Government through the Exchange Fund provided additional share capital of HK\$5 billion into the Company. HK\$4,999,999,900 was injected by the Company into the HKMCA on the same day as share capital for the latter to operate the annuity business. The HKMCA was granted authorisation by the Insurance Authority to carry on long term insurance business in or from Hong Kong in May 2018.

23. 預付款項、按金及其他資產

23. Prepayments, deposits and other assets

		2018	2017
		千港元	千港元
		HK\$'000	HK\$'000
公司會籍債券	Corporate club debentures	750	750
信貸支持附件應收款項	CSA receivable	137,483	29,315
在報告日後執行結算的債務證券的應收款項	Receivables from debt securities executed for settlement after the reporting date	488,021	-
其他應收款項	Other receivable	172,306	3,279
收回資產	Reposessed assets	-	4,324
其他資產	Other assets	30,931	29,486
		829,491	67,154

24. 固定資產

24. Fixed assets

		辦公室設備、 傢俬及裝備 Office equipment, furniture and fixtures	電腦 Computers	汽車 Motor vehicle	總額 Total	
	租賃物業裝修 Leasehold improvement	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	千港元 HK\$'000	
於二零一七年一月一日	Net book amount as at 1 January 2017	5,805	669	11,848	205	18,527
添置	Additions	11,879	812	17,526	-	30,217
折舊(附註11)	Depreciation charge (Note 11)	(6,131)	(599)	(7,598)	(87)	(14,415)
於二零一七年十二月三十一日	Net book amount as at 31 December 2017	11,553	882	21,776	118	34,329
添置	Additions	7,961	4,228	26,619	-	38,808
折舊(附註11)	Depreciation charge (Note 11)	(5,579)	(1,074)	(12,630)	(88)	(19,371)
於二零一八年十二月三十一日	Net book amount as at 31 December 2018	13,935	4,036	35,765	30	53,766
於二零一八年十二月三十一日	As at 31 December 2018					
成本值	Cost	47,755	12,759	218,355	775	279,644
累計折舊	Accumulated depreciation	(33,820)	(8,723)	(182,590)	(745)	(225,878)
賬面淨額	Net book amount	13,935	4,036	35,765	30	53,766
於二零一七年十二月三十一日	As at 31 December 2017					
成本值	Cost	39,794	8,576	191,736	775	240,881
累計折舊	Accumulated depreciation	(28,241)	(7,694)	(169,960)	(657)	(206,552)
賬面淨額	Net book amount	11,553	882	21,776	118	34,329

25. 應付利息

25. Interest payable

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
以下各項的應付利息：	Interest payable from:		
— 已發行債務證券	— debt securities issued	229,577	181,799
— 利率掉期合約	— interest rate swap contracts	20,088	5,927
— 其他負債	— other liabilities	7,803	4,407
		257,468	192,133

26. 應付賬項、應付開支及其他負債

26. Accounts payable, accrued expenses and other liabilities

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
應付賬項及應付開支	Accounts payable and accrued expenses	248,121	374,373
其他負債	Other liabilities	4,762,799	4,945,650
其他撥備	Other provision	50,759	43,240
		5,061,679	5,363,263

其他負債是指中小企融資擔保計劃下的特別優惠措施所收到的擔保費及撥款(已扣除申索及相關開支)370,511,000港元(二零一七年：626,271,000港元)(附註33)，與及指用於二零零三年十二月及二零零四年一月自政府購買的按揭貸款信貸安排加強措施的遞延代價4,392,288,000港元(二零一七年：4,319,379,000港元)。

Other liabilities represented the guarantee fee and fund received (net of claims and related expenses) of HK\$370,511,000 (2017: HK\$626,271,000) under the special concessionary measures of the SME Financing Guarantee Scheme (Note 33) and the deferred consideration of HK\$4,392,288,000 (2017: HK\$4,319,379,000) used for credit enhancement on the mortgage loans purchased from the Government in December 2003 and January 2004.

27. 保險負債及再保險資產

27. Insurance liabilities and reinsurance assets

		2018			2017		
		毛額	再保險	淨額	毛額	再保險	淨額
		Gross	Reinsurance	Net	Gross	Reinsurance	Net
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
一般保險業務：	General insurance:						
未滿期保費及擔保費用撥備	Provision for unearned premiums and guarantee fees	1,290,372	166,383	1,123,989	1,095,805	160,143	935,662
未決申索撥備：	Provision for outstanding claims:						
— 已申報/(已收回)申索	— claims reported/(recovery)	2,236	(1)	2,237	7,135	193	6,942
— 已產生但未申報申索	— claims incurred but not reported	30,236	5,136	25,100	27,210	4,265	22,945
		32,472	5,135	27,337	34,345	4,458	29,887
		1,322,844	171,518	1,151,326	1,130,150	164,601	965,549
人壽保險：	Life insurance:						
保單持有人負債	Policyholders' liabilities	3,284,529	-	3,284,529	-	-	-
		4,607,373	171,518	4,435,855	1,130,150	164,601	965,549

(a) 一般保險業務

- (i) 未滿期保費及擔保費用撥備變動分析如下

(a) General insurance

- (i) Analysis of movement in provision for unearned premiums and guarantee fees

		2018			2017		
		毛額	再保險	淨額	毛額	再保險	淨額
		Gross	Reinsurance	Net	Gross	Reinsurance	Net
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於一月一日	As at 1 January	1,095,805	160,143	935,662	1,013,155	142,155	871,000
已收取保費(附註9)	Premiums written (Note 9)	634,757	69,018	565,739	493,459	76,383	417,076
已滿期保費(附註9)	Premiums earned (Note 9)	(440,190)	(62,778)	(377,412)	(410,809)	(58,395)	(352,414)
於十二月三十一日	As at 31 December	1,290,372	166,383	1,123,989	1,095,805	160,143	935,662

(ii) 未決申索撥備變動分析如下

(ii) Analysis of movement in provision for outstanding claims

		2018			2017		
		毛額	再保險	淨額	毛額	再保險	淨額
		Gross	Reinsurance	Net	Gross	Reinsurance	Net
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於一月一日	As at 1 January	34,345	4,458	29,887	35,395	3,872	31,523
已付申索	Claims paid	(7,556)	-	(7,556)	(4,978)	(510)	(4,468)
已收回申索	Claims recovery	1,908	294	1,614	2,448	257	2,191
已產生/(回撥)申索 (附註9):	Claims incurred/(written back) (Note 9):						
— 已申報申索	— claims reported	749	(488)	1,237	(1,316)	211	(1,527)
— 已產生但未申報申索	— claims incurred but not reported	3,026	871	2,155	2,796	628	2,168
		3,775	383	3,392	1,480	839	641
於十二月三十一日	As at 31 December	32,472	5,135	27,337	34,345	4,458	29,887

(b) 人壽保險
(b) Life insurance

(i) 保單持有人負債變動分析

(i) Analysis of movement in policyholders' liabilities

		2018			2017		
		毛額	再保險	淨額	毛額	再保險	淨額
		Gross	Reinsurance	Net	Gross	Reinsurance	Net
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
於一月一日	As at 1 January	-	-	-	-	-	-
已付申索及已付利益	Claims and benefits paid	(33,116)	-	(33,116)	-	-	-
已產生申索及保單持有人負債 變動(附註9)	Claims incurred and movement in policyholders' liabilities (Note 9)	3,317,645	-	3,317,645	-	-	-
於十二月三十一日	As at 31 December	3,284,529	-	3,284,529	-	-	-

(ii) 主要假設及負債預訂的方法

對於長期保險合約，經濟假設會持續檢討及更新。非經濟假設亦至少每年檢討一次。

根據公認精算原則及《保險業條例》內香港《保險業(長期負債釐定)規則》的規例，就個別人壽保險責任採用經修訂定額淨保費估值法進行估值，下限為退保現金價值。

(ii) Key assumptions and reserving approach

For long term insurance contracts, economic assumptions are continually reviewed and updated. Non-economic assumptions are reviewed at least annually.

Based on generally accepted actuarial principles and in accordance with Hong Kong Insurance Companies (Determination of Long Term Liabilities) Regulation of the Insurance Ordinance, the valuation of individual life liabilities was carried out using the Modified Net Level Premium Valuation method, subject to a minimum of the surrender value.

(c) 負債充足測試

進行負債充足測試時，考慮全部合約現金流量及申索處理費用等相關現金流量的現時估計，測試顯示於二零一八年十二月三十一日及二零一七年十二月三十一日，本集團的保險負債充足。

(c) Liability adequacy test

The liability adequacy test considers current estimates of all contractual cash flows, and of related cash flows such as claims handling costs, the test shows that, as at 31 December 2018 and 31 December 2017, the Group's insurance liabilities are adequate.

28. 已發行債務證券

28. Debt securities issued

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
按攤銷成本列賬的債務證券	Debt securities carried at amortised cost		
中期債券	MTN	14,540,716	13,260,416
按攤銷成本列賬的債務證券總額	Total debt securities carried at amortised cost	14,540,716	13,260,416
指定為對沖項目並以公平值對沖的債務證券	Debt securities designated as hedged items under fair value hedge		
債務工具發行計劃債券	DIP notes	1,808,922	2,948,131
中期債券	MTN	20,799,258	18,490,213
指定為對沖項目並以公平值對沖的債務證券總額	Total debt securities designated as hedged items under fair value hedge	22,608,180	21,438,344
於初始確認時指定為以公平值變化計入損益的債務證券	Debt securities designated as at fair value through profit or loss upon initial recognition		
債務工具發行計劃債券	DIP notes	143,981	141,946
於初始確認時指定為以公平值變化計入損益的債務證券總額	Total debt securities designated as at fair value through profit or loss upon initial recognition	143,981	141,946
已發行債務證券總額	Total debt securities issued	37,292,877	34,840,706

年內沒有發行(二零一七年：無)於初始確認時指定以公平值變化計入損益的債務證券。該等債務證券之公平值變動源於基準利率的改變。於初始確認時，指定為以公平值變化計入損益的金融負債賬面值，較本集團根據合約規定於到期時須向債券持有人支付的金額少40,019,000港元(二零一七年：42,054,000港元)。

該等指定為以公平值列賬的金融負債沒有源自本集團之信貸風險變動引起任何重大盈虧。

During the year, no debt securities (2017: nil) were designated on initial recognition as at fair value through profit or loss. The fair value changes are attributable to changes in benchmark interest rates for the debt securities designated as at fair value through profit or loss. The carrying amount of the financial liabilities designated as at fair value through profit or loss upon initial recognition is HK\$40,019,000 (2017: HK\$42,054,000) lower than the amount that the Group would be contractually required to pay at maturity to the note holders.

There were no significant gains or losses attributable to changes in the credit risk of the Group for those financial liabilities designated as at fair value.

已發行債務證券的變動概述如下：

The movement in debt securities issued is summarised as follows:

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
於一月一日	As at 1 January	34,706,897	35,782,600
發行	Issuance	34,074,308	28,428,582
減：贖回	Less: Redemption	(31,289,536)	(29,509,026)
外幣匯兌差額	Exchange difference	3,154	4,741
名義價值總額	Total nominal value	37,494,823	34,706,897
未攤銷折讓部分	Unamortised portion of discount	(92,638)	(85,832)
公平值調整	Fair value adjustment	(109,308)	219,641
於十二月三十一日	As at 31 December	37,292,877	34,840,706

本年度發行的債券：

Notes issued during the year comprise:

		中期債券 MTN 千港元 HK\$'000
已發行金額面值	Amount issued at nominal value	34,074,308
已收取款項	Consideration received	34,006,865

所有已發行的債務證券均屬本集團無抵押責任，而發行該等債務證券旨在提供一般營運資金及作再融資用途。

All the debt securities issued are unsecured obligations of the Group, and are issued for the purposes of providing general working capital and refinancing.

29. 股本

29. Share capital

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
已發行及繳足： 20億股普通股	Issued and fully paid: 2 billion ordinary shares	7,000,000	2,000,000

股本變動概述如下：

The movement in share capital is summarised as follows:

		千港元 HK\$'000
於二零一七年十二月三十一日 注資	As at 31 December 2017 Capital injection	2,000,000 5,000,000
於二零一八年十二月三十一日	As at 31 December 2018	7,000,000

30. 與有關連人士訂立的重大交易

30. Material related party transactions

- (a) 本公司及其全資附屬公司由財政司司長以外匯基金管理人身份所擁有。本集團於本年度內與下列有關連人士訂立以下重大交易：

- (a) The Company and its wholly-owned subsidiaries are owned by the Financial Secretary of Hong Kong as Controller of the Exchange Fund. The Group entered into the following material transactions with the following related parties during the year:

與政府相關機構香港金管局的交易如下：

Transactions with the HKMA, a Government-related entity, are as follows:

- (i) 本集團使用由香港金管局所營運的債務工具中央結算系統服務所提供託管及結算代理服務，並繳付費用總額180萬港元(二零一七年：160萬港元)給香港金管局，作為本年度使用該服務的費用；
- (ii) 本公司於本年度產生1,780萬港元(二零一七年：1,660萬港元)借調費，作為從香港金管局借調員工的費用；

- (i) the Group subscribed to the custodian and clearing agent services provided by the Central Moneymarkets Unit Service operated by the HKMA and paid a total fee amount of HK\$1.8 million (2017: HK\$1.6 million) to the HKMA for such services during the year;

- (ii) the Company incurred a secondment fee of HK\$17.8 million (2017: HK\$16.6 million) for secondees from the HKMA during the year;

- | | |
|---|---|
| <p>(iii) 本公司於本年度繳付60萬港元(二零一七年: 60萬港元)予香港金管局, 作為後備場所的服務費;</p> | <p>(iii) the Company paid a back-up site service fee of HK\$0.6 million (2017: HK\$0.6 million) to the HKMA during the year;</p> |
| <p>(iv) 金融管理專員透過外匯基金向本公司提供300億港元的循環信貸, 於二零一八年十二月三十一日並無未償還餘額(二零一七年: 無); 及</p> | <p>(iv) the Monetary Authority through the Exchange Fund has provided the Company with a HK\$30 billion Revolving Credit Facility and there was no outstanding balance as at 31 December 2018 (2017: nil); and</p> |
| <p>(v) 金融管理專員透過外匯基金承諾向本公司注入額外資金高達200億港元作為股本, 以資助本公司向年金公司的額外注資, 而本公司已承諾向年金公司注入相應額外資金作為其股本, 以保持年金公司的償債能力超過一定水平。</p> | <p>(v) the Monetary Authority through the Exchange Fund has committed to inject additional funds up to HK\$20 billion into the Company as equity for the purpose of financing the Company's additional capital injection into the HKMCA, and the Company has committed to inject such additional funds into the HKMCA as equity to maintain the HKMCA's margin of solvency above a certain level.</p> |

與政府的交易如下:

Transactions with the Government are as follows:

- | | |
|---|--|
| <p>(i) 本公司於本年度向財政司司長法團購買2.81億港元(二零一七年: 2.93億港元)按揭貸款; 及</p> | <p>(i) the Company purchased mortgage loans of HK\$281 million (2017: HK\$293 million) from The Financial Secretary Incorporated during the year; and</p> |
| <p>(ii) 本集團就現有的中小企融資擔保計劃, 提供以優惠的擔保費水平及由政府支付的總貸款保證承擔額為1,000億港元的八成擔保保障的貸款擔保產品, 詳情載列於附註33。</p> | <p>(ii) the Group provided a loan guarantee product with 80% guarantee coverage under the existing SME Financing Guarantee Scheme (SFGS) at a concessionary guarantee fee rate and up to a total loan guarantee commitment of HK\$100 billion reimbursable by the Government with details set out in Note 33.</p> |

與香港按揭管理有限公司(本公司的全資附屬公司)的交易包括下列各項：

- (i) 本公司為取得及批出本公司不同項目及計劃下附有一般保險保障的貸款提供資金。自二零一八年五月一日起，一般保險業務由本公司轉移至按證保險公司後，按證保險公司為香港按揭管理有限公司在正常業務過程中根據按揭保險計劃及安老按揭計劃下的安老按揭貸款及補價易貸款保險計劃下的補地價貸款所購買的按揭貸款提供保險保障；及
- (ii) 本公司(作為計劃營運者)、香港按揭管理有限公司及各參與銀行(作為貸款人)訂立小型貸款計劃項下的貸款參與協議，據此香港按揭管理有限公司將為全部或部分小型貸款提供資金。

與年金公司或按證保險公司(均為本公司的全資附屬公司)的交易如下：

- (i) 本公司提供最高達100億港元的信貸以協助年金公司為其年金業務提供資金，於二零一八年十二月三十一日的結餘為3,510萬港元(二零一七年：無)；
- (ii) 本公司提供最高達20億港元的信貸以協助按證保險公司為其業務提供資金，於二零一八年十二月三十一日並無結餘(二零一七年：無)；

Transactions with HKMC Mortgage Management Limited (**HMML**), a wholly-owned subsidiary of the Company, included the following:

- (i) the Company provided funding for acquisition and origination of loans with general insurance cover under different programmes and schemes of the Company. Following the transfer of general insurance business from the Company to the HKMCI effective from 1 May 2018, the HKMCI provided insurance cover for mortgage loans purchased by the HMML under the MIP, and reverse mortgage loans under the Reverse Mortgage Programme (**RMP**) and loans for premium settlement under the Premium Loan Insurance Scheme originated by the HMML in the course of the ordinary business; and
- (ii) the Company as scheme operator, the HMML and various participating banks as loan originators entered into loan participation agreements under the Microfinance Scheme pursuant to which the HMML would fund all or part of the microfinance loans.

Transactions with the HKMCA or the HKMCI, both being wholly-owned subsidiaries of the Company, are as follows:

- (i) the Company provided a facility up to HK\$10 billion to assist the HKMCA in funding its operations in relation to the annuity business and there was an outstanding balance of HK\$35.1 million as at 31 December 2018 (2017: nil);
- (ii) the Company provided a facility up to HK\$2 billion to assist the HKMCI in funding its operations and there was no outstanding balance as at 31 December 2018 (2017: nil);

- | | |
|--|--|
| <p>(iii) 本公司與按證保險公司訂立現金存款安排，以管理按證保險公司初始資本及正常業務營運過程中所產生的盈餘資金。年內的利息開支為1,360萬港元，而於二零一八年十二月三十一日，按證保險公司的現金存款並無結餘；</p> | <p>(iii) the Company entered into a cash placement arrangement with the HKMCI for managing the initial capital and surplus funds generated in the normal course of business operations of the HKMCI. The interest expense thereon was HK\$13.6 million during the year and there was no outstanding balance for the cash placement from the HKMCI as at 31 December 2018;</p> |
| <p>(iv) 本公司與年金公司訂立現金存款安排，以管理在年金公司初始資本及正常業務營運過程中所產生的盈餘資金。年內的利息開支為210萬港元，而於二零一八年十二月三十一日，年金公司的現金存款結餘為4,400萬港元；</p> | <p>(iv) the Company entered into a cash placement arrangement with the HKMCA for managing the initial capital and surplus funds generated in the normal course of business operations of the HKMCA. The interest expense thereon was HK\$2.1 million during the year and there was an outstanding balance of HK\$44 million for the cash placement from the HKMCA as at 31 December 2018;</p> |
| <p>(v) 本公司的一般保險業務自二零一八年五月一日起轉移至按證保險公司。於轉移後，本公司已撤銷其於或自香港經營一般保證業務的授權。本公司就按證保險公司妥善履行其現有一般保險業務及計劃所產生的責任向參與貸款人發出母公司擔保保證；及</p> | <p>(v) the Company's general insurance business was transferred to the HKMCI with effect from 1 May 2018. Subsequent to the transfer, the Company withdrew its authorisation to carry on general insurance business in or from Hong Kong. The Company issued a parental guarantee in favour of the participating lenders for the HKMCI's due performance of its obligations arising from its existing general insurance business programmes and schemes; and</p> |
| <p>(vi) 本公司與年金公司就向香港年金公司更替650萬港元的年金系統訂立約務更替協議。</p> | <p>(vi) the Company entered into a novation agreement with the HKMCA regarding the novation of an annuity system of HK\$6.5 million to the HKMCA.</p> |

本公司向其附屬公司提供總部企業支援服務及資金籌措安排。該等交易的費用按公平基準釐定。

There were arrangements whereby the Company provided headoffice corporate support services and funding arrangements to its subsidiaries. Fees on these transactions are determined on an arm's length basis.

於十二月三十一日應付相關連人士的應收/付結餘如下：

The balances of the amounts due from/to the relevant related parties as at 31 December are as follows:

		外匯基金		政府	
		The Exchange Fund		The Government	
		2018	2017	2018	2017
		千港元	千港元	千港元	千港元
		HK\$'000	HK\$'000	HK\$'000	HK\$'000
外匯基金存款(附註21)	Placements with the Exchange Fund (Note 21)	7,734,934	-	-	-
其他負債(附註26及33)	Other liabilities (Notes 26 and 33)	-	-	4,762,799	4,945,650

(b) 主要管理層人員

主要管理層人員為直接或間接有權力及負責策劃、指揮及控制本集團業務的人士，包括董事及高級管理人員。

(b) Key management personnel

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Group, directly or indirectly, including directors and senior officers.

本年度主要管理層人員的薪酬如下：

Key management personnel's compensation for the year is as follows:

		2018	2017
		千港元	千港元
		HK\$'000	HK\$'000
薪金及其他短期僱員福利	Salaries and other short-term employee benefits	23,270	21,426
離職後福利	Post-employment benefits	2,274	2,088
		25,544	23,514

31. 承擔

(a) 資本

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
已批准及訂約	Authorised and contracted for	803	4,176
已批准但未訂約	Authorised but not contracted for	42,269	41,784
		43,072	45,960

(b) 經營租約

於呈報期末，根據不可註銷的經營租約而須作出的未來最低租金付款總額分析如下：

		2018 千港元 HK\$'000	2017 千港元 HK\$'000
辦公室物業：	Office premises:		
— 不多於一年	— not later than one year	53,197	49,179
— 多於一年至不多於五年	— later than one year and not later than five years	50,313	94,993
		103,510	144,172

31. Commitments

(a) Capital

(b) Operating lease

Total future minimum lease payments under non-cancellable operating lease at the end of the reporting period are analysed as follows:

32. 按揭保險計劃及安老按揭計劃

於二零一八年十二月三十一日，本集團按揭保險計劃的風險投保總額約為237億港元（二零一七年：211億港元），其中40億港元（二零一七年：35億港元）已向核准再保險公司購買再保險，而本集團則自行承擔餘下197億港元（二零一七年：176億港元）的風險。

於二零一八年十二月三十一日，由本集團承擔的安老按揭計劃風險投保總額約為96億港元（二零一七年：69億港元）。

32. Mortgage Insurance Programme and Reverse Mortgage Programme

As at 31 December 2018, the total risk-in-force of the Group under the MIP is approximately HK\$23.7 billion (2017: HK\$21.1 billion) of which HK\$4 billion (2017: HK\$3.5 billion) was ceded to the approved reinsurers and the balance of HK\$19.7 billion (2017: HK\$17.6 billion) was retained by the Group.

As at 31 December 2018, the total risk-in-force of the Group under the RMP borne by the Group was approximately HK\$9.6 billion (2017: HK\$6.9 billion).

33. 中小企融資擔保計劃下的特別優惠措施

本集團就現有的中小企融資擔保計劃，提供以優惠的擔保費水平及由政府支付總貸款保證承擔額為1,000億港元的八成擔保保障的貸款擔保產品。由此項特別信貸擔保產品所收取的擔保費，將首先全數用於支付相關的壞賬償付及相關開支，如有餘款則將撥歸予政府。如所收取的擔保費不足以應付相關款額及費用，政府將會承擔餘額。本集團負責此產品的營運並承擔日常營運開支。

有關這個特別的貸款擔保產品，對本集團的綜合收益表就有關擔保費用的收入、違約索償或其他直接相關開支並沒有影響。基於本集團只是代表政府營運該產品，本集團認為有關此產品的風險和利益均屬於政府。因此，該產品的風險承擔並沒有列於本集團的資產負債表外風險。

34. 報告期後發生事項

於二零一九年，本集團透過其全資附屬公司按證保險公司與外匯基金訂立資本金存款協議，據此，於二零一九年四月三十日，按證保險公司將30億港元存入外匯基金，而該筆存款投資於外匯基金的投資組合，回報率乃根據投資組合過去六年的年均回報率或上年度三年期政府債券的年均收益率（下限為0%）計算，以較高者為準。

33. Special concessionary measures under the SME Financing Guarantee Scheme

The Group provides a loan guarantee product with 80% guarantee coverage under the existing SFGS at a concessionary guarantee fee rate and up to a total loan guarantee commitment of HK\$100 billion reimbursable by the Government. All guarantee fees collected under this special loan guarantee product are set aside to meet the relevant default claims and related out-of-pocket expenses. The remaining balance of the guarantee fees, if any, will be returned to, and any shortfall will be borne by, the Government. The Group is responsible for the operation of the product and the applicable day-to-day operating costs.

Regarding this special loan guarantee product, there was no impact on the consolidated income statement of the Group in respect of guarantee fee revenue, default claims or any direct expenses involved. Given that the Group only operates this product for the Government, the Group considers the risk and rewards associated with this product rest with the Government. Hence, the risk-in-force for this product is not included as the Group's off-balance sheet exposures.

34. Events occurring after the reporting period

The Group through its wholly-owned subsidiary, the HKMCI, entered into a capital placement agreement with the Exchange Fund in 2019, pursuant to which, on 30 April 2019, the HKMCI placed HK\$3 billion with the Exchange Fund, and such placements were invested in the Investment Portfolio of the Exchange Fund with a rate of return calculated on the basis of the average annual rate of return on the portfolio over the past six years or the average annual yield of three-year Government Bond in the previous year (subject to a minimum of zero percent), whichever is the higher.

35. 本公司的財務狀況表及儲備變動 35. Statement of financial position and reserve movement of the Company

35.1 本公司於二零一八年十二月三十一日的財務狀況表

35.1 Statement of financial position of the Company as at 31 December 2018

	附註 Note	2018 千港元 HK\$'000	2017 千港元 HK\$'000
資產	ASSETS		
現金及短期資金	Cash and short-term funds	27,251,724	25,273,955
應收利息及匯款	Interest and remittance receivables	392,545	337,353
衍生金融工具	Derivative financial instruments	161,047	333,727
貸款組合淨額	Loan portfolio, net	4,219,189	5,110,754
證券投資：	Investment securities:		
— 以公平值變化計入其他全面收益	— at fair value through other comprehensive income	5,091,664	—
— 以公平值變化計入損益	— at fair value through profit or loss	543,612	—
— 按攤銷成本列賬	— at amortised cost	8,938,368	—
— 可供出售	— available-for-sale	—	7,138,662
— 持有至到期	— held-to-maturity	—	10,347,834
附屬公司投資	Interests in subsidiaries	10,211,083	2,533,099
預付款項、按金及其他資產	Prepayments, deposits and other assets	648,467	67,224
固定資產	Fixed assets	30,935	34,329
遞延稅項資產	Deferred tax assets	—	319
再保險資產	Reinsurance assets	—	164,616
資產總額	Total assets	57,488,634	51,341,872
負債	LIABILITIES		
應付利息	Interest payable	257,499	192,133
附屬公司存款	Placements by subsidiary	44,000	—
應付賬項、應付開支及其他負債	Accounts payable, accrued expenses and other liabilities	4,604,471	5,362,257
衍生金融工具	Derivative financial instruments	264,386	119,064
當期稅項負債	Current tax liabilities	87,226	116,288
遞延稅項負債	Deferred tax liabilities	3,528	—
保險負債	Insurance liabilities	—	1,130,309
已發行債務證券	Debt securities issued	37,292,877	34,840,706
負債總額	Total liabilities	42,553,987	41,760,757
權益	EQUITY		
權益持有人應佔股本及儲備：	Capital and reserves attributable to the equity holders:		
股本	Share capital	7,000,000	2,000,000
保留溢利	Retained profits	7,937,098	5,693,762
風險儲備	Contingency reserve	—	1,679,837
公平值儲備	Fair value reserve	(2,451)	207,516
權益總額	Total equity	14,934,647	9,581,115
負債及權益總額	Total liabilities and equity	57,488,634	51,341,872

董事局已於二零一九年四月三十日批准及授權刊行。

Approved and authorised for issue by the Board of Directors on 30 April 2019.

陳德霖 Norman T. L. Chan
副主席兼執行董事 Deputy Chairman and Executive Director

李令翔 Raymond L. C. Li
執行董事兼總裁 Executive Director and Chief Executive Officer

35.2 本公司的儲備
35.2 Reserves of the Company

		保留溢利 Retained profits 千港元 HK\$'000	風險儲備 Contingency reserve 千港元 HK\$'000	公平值儲備 Fair value reserve 千港元 HK\$'000	總額 Total 千港元 HK\$'000
於二零一七年一月一日	As at 1 January 2017	4,822,686	1,739,389	82,320	6,644,395
本年度溢利	Profit for the year	811,524	–	–	811,524
其他全面收益：	Other comprehensive income:				
可供出售證券的公平值變動	Change in fair value of available-for-sale securities				
— 未變現收益淨額	— net unrealised gains	–	–	191,162	191,162
— 出售時變現	— realisation on disposal	–	–	(83,161)	(83,161)
— 稅項	— tax effect	–	–	17,195	17,195
本年度全面收益總額	Total comprehensive income for the year	811,524	–	125,196	936,720
由保留溢利轉撥已滿期 風險保費淨額的50%或75% 至風險儲備	Transfer of 50% or 75% of net risk premium earned from retained profits to contingency reserve	(200,730)	200,730	–	–
由風險儲備撥回至保留溢利	Release of contingency reserve to retained profits	260,282	(260,282)	–	–
於二零一七年十二月三十一日	As at 31 December 2017	5,693,762	1,679,837	207,516	7,581,115
採納香港財務報告準則第9號 的變動	Changes on adoption of HKFRS 9	200,511	–	(202,799)	(2,288)
於二零一八年一月一日 經重列結餘	Restated balance as at 1 January 2018	5,894,273	1,679,837	4,717	7,578,827
本年度溢利	Profit for the year	362,988	–	–	362,988
其他全面收益：	Other comprehensive income:				
以公平值變化計入其他全面收益 的債務證券公平值變動	Change in the fair value of debt securities at FVOCI	–	–	(7,182)	(7,182)
以公平值變化計入其他全面收益 的債務證券虧損撥備變動	Change in the loss allowance of debt securities at FVOCI	–	–	14	14
本年度全面收益總額	Total comprehensive income for the year	362,988	–	(7,168)	355,820
由保留溢利轉撥已滿期 風險保費淨額的50%或75% 至風險儲備	Transfer of 50% or 75% of net risk premium earned from retained profits to contingency reserve	(63,784)	63,784	–	–
轉移風險儲備	Transfer of contingency reserve	1,743,621	(1,743,621)	–	–
於二零一八年十二月三十一日	As at 31 December 2018	7,937,098	–	(2,451)	7,934,647

36. 董事於交易、安排和合約中的重大利害關係

截至二零一八年十二月三十一日止年度內，不存在亦不曾訂立本集團任何成員作為一方，對本公司業務屬重要的，且年內曾為本公司董事的人士或其有關連實體（根據《公司條例》定義）在當中有直接或間接重大利害關係的任何交易、安排和合約。

37. 通過財務報表

董事局於二零一九年四月三十日通過本財務報表。

36. Directors' material interests in transactions, arrangements and contracts

At no time during the year ended 31 December 2018, there subsisted or entered into any transaction, arrangement or contract of significance in relation to the Company's business, to which any member of the Group was a party, and in which any person who was a director of the Company at any time during the year or a connected entity (as defined in the Companies Ordinance) of any such person had, directly or indirectly, a material interest.

37. Approval of financial statements

The financial statements were approved by the Board of Directors on 30 April 2019.

Abbreviations used in this Report

80% SFGS	80% guarantee product under the SME Financing Guarantee Scheme
AIs	Authorized Institutions
ALCO	Asset and Liability Committee
BLRs	Best Lending Rates
CAR	Capital Adequacy Ratio
CC	Credit Committee
Code	Corporate Governance Code of the HKMC
Code of Conduct	Code of Conduct for the HKMC's staff
CRC	Corporate Risk Management Committee
CSA	Credit Support Annex
CSR	Corporate Social Responsibility
DIP	Debt Issuance Programme
Directors	Directors of the Corporation
ECL	Expected credit losses
Financial Secretary	The Financial Secretary of the Government
Financial Statements	Audited consolidated financial statements of the Company for the year ended 31 December 2018
FVOCI	Fair value through other comprehensive income
FVPL	Fair value through profit or loss
Government	The Government of the Hong Kong Special Administrative Region
Group	The Company and its subsidiaries and subsidiary undertakings
Guidelines	Guidelines on Capital Adequacy Ratio
HA	Hong Kong Housing Authority
HIBORs	Hong Kong Interbank Offered Rates
HKASs	Hong Kong Accounting Standards
HKFRSs	Hong Kong Financial Reporting Standards
HKICPA	Hong Kong Institute of Certified Public Accountants
HKMA	Hong Kong Monetary Authority
HKMC/Corporation/Company	The Hong Kong Mortgage Corporation Limited 香港按揭證券有限公司
HKMCA	HKMC Annuity Limited 香港年金有限公司
HKMCI	HKMC Insurance Limited 香港按揭保險有限公司
HKSAR	Hong Kong Special Administrative Region
HKSAs	Hong Kong Standards on Auditing
HMML	HKMC Mortgage Management Limited 香港按揭管理有限公司
HS	Hong Kong Housing Society
IA	Insurance Authority
IFS	Infrastructure Financing and Securitisation
IFSIC	Infrastructure Financing and Securitisation Investment Committee
IP	Investment Portfolio of the Exchange Fund
IRM	Information Risk Management Department
LRC	Longevity Risk Committee
LTGP	Long Term Growth Portfolio of the Exchange Fund
MBS	Mortgage-backed securities
MFS	Microfinance Scheme
MIP	Mortgage Insurance Programme
Moody's	Moody's Investors Service, Inc.
MPP	Mortgage Purchase Programme
MTN	Medium Term Note
NGOs	Non-governmental organisations
ORC	Operational Risk Committee
Plan	HKMC Annuity Plan
PLIS	Premium Loan Insurance Scheme
RC	Risk Committees
RMP	Reverse Mortgage Programme
S&P	S&P Global Ratings
SFGS	SME Financing Guarantee Scheme
SMEs	Small and medium-sized enterprises
TAC	Transaction Approval Committee