

## Directors' Report

Schedule 1 - Directors' experience and special responsibilities
Schedule 2 - Remuneration Report

## DIRECTORS' REPORT

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

The Directors of MBL submit their report with the financial report of the Consolidated Entity and the Company for the year ended 31 March 2017.

## DIRECTORS

At the date of this report, the Directors of MBL are:

## Independent Directors

P.H. Warne, Chairman
G.R. Banks AO
G.M. Cairns
M.J. Coleman
P.A. Cross
D.J. Grady AM
M.J. Hawker AM
N.M Wakefield Evans

## Executive Voting Directors

M.J. Reemst, Managing Director and Chief Executive Officer N.W. Moore

The Directors listed above each held office as a Director of MBL throughout the financial year ended 31 March 2017. Those Directors listed as Independent Directors have been independent throughout the period of their appointment.
Details of the qualifications, experience and special responsibilities of the Directors and qualifications and experience of the Company Secretaries at the date of this report are set out in Schedule 1 at the end of this report.

## PRINCIPAL ACTIVITIES

The principal activity of MBL during the financial year ended 31 March 2017 was to act as a full service financial services provider offering a range of commercial banking and retail financial services in Australia and selected financial services offshore. MBL is a subsidiary of MGL and is regulated by the APRA as an authorised deposit-taking institution (ADI). In the opinion of the Directors, there were no significant changes to the principal activities of the Consolidated Entity during the financial year under review that are not otherwise disclosed in this report.

## RESULT

The financial report for the financial years ended 31 March 2017 and 31 March 2016, and the results have been prepared in accordance with Australian Accounting Standards.
The consolidated profit after income tax attributable to ordinary equity holders for the financial year ended 31 March 2017 was $\$$ A1,221 million (2016: \$A2,090 million). This result represents profit from continuing operations of $\$ A 1,221$ million (2016:\$A1,050 million) and profit from discontinued operations of \$A nil (2016:\$A1,040 million).


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## DIVIDENDS AND DISTRIBUTIONS

MBL paid dividends and paid or provided distributions during the financial year as set out in the table below:

| Security | Payment Date | Payment Type | \$A million | In respect of fin | nded/period |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ordinary Shares | 11 May 2016 | Final | 644.0 | 31 March 2016 | Paid |
|  | 9 November 2016 | Interim | 582.0 | 31 March 2017 | Paid |
| Macquarie Income Securities (MIS) ${ }^{(1)}$ | 15 April 2016 | Periodic | 4.0 | 15 January 2016 to 14 April 2016 | Paid |
|  | 15 July 2016 | Periodic | 4.0 | 15 April 2016 to 14 July 2016 | Paid |
|  | 17 October 2016 | Periodic | 3.7 | 15 July to 14 October 2016 | Paid |
|  | 16 January 2017 | Periodic | 3.5 | 15 October 2016 to 14 January 2017 | Paid |
|  | 17 April 2017 | Periodic | 2.9 | 15 January 2017 to 31 March 2017 | Provided |

Subsequent to the year ended 31 March 2017 the Directors have resolved to pay a final ordinary dividend of $\$$ A607 million on 11 May 2017.
No other dividends or distributions were declared or paid during the financial year

## STATE OF AFFAIRS

There were no other significant changes in the state of affairs of the Consolidated Entity that occurred during the financial year under review that are not otherwise disclosed in this report.

## OPERATING AND FINANCIAL REVIEW

Please refer to Section 1 of this Annual Report for the following in respect of the Consolidated Entity, which includes:

- a review of the operations during the year and the results of those operations
- likely developments in the operations in future financial years and the expected results of those operations
- comments on the financial position
- comments on business strategies and prospects for future financial years.
In respect of likely developments, business strategies and prospects for future financial years, material which if included would be likely to result in unreasonable prejudice to the Consolidated Entity, has been omitted.


## DIRECTORS' REPORT

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## DIRECTORS' RELEVANT INTERESTS

At the date of this report, none of the Directors held a relevant interest, as required to be notified by the Directors to the Australian Securities Exchange (ASX) in accordance with the Corporations Act 2001 (Cth) (the Act), in ordinary shares or share options of MBL. The relevant interests of Directors in MBL securities, managed investment schemes made available by related companies of MBL and other disclosable relevant interests are listed in the table below:

| Name and position | Direct and indirect interests | Number held |
| :---: | :---: | :---: |
| Executive Voting Directors |  |  |
| M.J. Reemst | Macquarie ordinary shares (MQG) | 10,850 |
|  | Macquarie Group Retained Equity Plan (MEREP) Restricted Share Units (RSUs) | 88,177 |
|  | MEREP Performance Share Units (PSUs) | 52,708 |
| N.W. Moore | MQG | 2,109,147 |
|  | MEREP RSUs | 613,701 |
|  | MEREP PSUs | 229,762 |
|  | 2004 Macquarie Timber Land Trust units | 50 |
|  | 2006 Macquarie Timber Land Trust units | 75 |
|  | Macquarie Global Infrastructure Fund III (B) units | 2,163,106 |
| Independent Directors |  |  |
| G.R. Banks | MQG | 6,416 |
| G.M. Cairns | MQG | 12,734 |
|  | MIS | 900 |
| M.J. Coleman | MQG | 7,199 |
|  | Macquarie Group Capital Notes 2 (MCN2) | 2,000 |
| P.A. Cross | MQG | 7,636 |
| D.J. Grady | MQG | 8,003 |
|  | Macquarie Group Capital Notes (MCN) | 400 |
|  | MCN2 | 100 |
| M.J. Hawker | MQG | 7,335 |
|  | MCN2 | 500 |
| N.M. Wakefield Evans | MQG | 4,411 |
| P.H. Warne | MQG | 14,933 |

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## MEETING ATTENDANCE

## Board and Board Committee meetings and attendance

The number of meetings of the Board of Directors (the Board) and of the Committees of the Board and the individual attendance by Directors at those meetings which they were eligible to attend during the financial year is summarised in the table below:

|  | Regular Board Meetings ${ }^{(2)}$ | BAC meetings ${ }^{(2)}$ | BRiC meetings ${ }^{(2)}$ | Special Board Meetings ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: |
| Number of Meetings | 10 | 7 | 6 | 2 |
| P.H. Warne | 10/10 | - | 6/6 | 2/2 |
| M.J. Reemst | 10/10 | - | - | 2/2 |
| N.W. Moore | $10 / 10$ | - | - | $2 / 2$ |
| G.R. Banks | 10/10 | - | 6/6 | $2 / 2$ |
| G.M. Cairns | 9/10 | - | $5 / 6$ | $2 / 2$ |
| M.J. Coleman | $10 / 10$ | $7 / 7$ | 6/6 | $2 / 2$ |
| P.A. Cross | 10/10 | 777 | $6 / 6$ | $2 / 2$ |
| D.J. Grady | 10/10 | - | $6 / 6$ | $2 / 2$ |
| M.J. Hawker | 10/10 | 717 | $5 / 6$ | $2 / 2$ |
| N.M. Wakefield Evans | 10/10 | 7/7 | $6 / 6$ | $2 / 2$ |

The Macquarie Board Audit Committee (BAC) is a joint committee of MGL and MBL. The BAC assists the Boards of MGL and MBL in fulfilling the responsibility for oversight of the quality and integrity of the accounting and financial reporting practices of Macquarie.
The Macquarie Board Risk Committee ( BRiC ) is a joint committee of MGL and MBL. The membership of the Committee consists of all the Non-Executive Voting Directors (NEDs) of Macquarie. The BRiC assists the Boards of MGL and MBL by providing oversight of the implementation and operation of Macquarie's risk management framework and advising the Boards on Macquarie's risk position, risk appetite, risk culture and risk management strategy.
There was one Board sub-committee convened during the period, with two meetings held. Both meetings were attended by all the eligible sub-committee members, being Mr Warne, Mr Moore, Ms Reemst, Mr Coleman and the Chief Financial Officer, Mr Upfold.
All Board members are sent Board Committee meeting agendas and may attend any meeting.

The Chairman of the Board, Macquarie CEO and the MBL CEO, attend BAC meetings by invitation as a matter of course. The Macquarie CEO and MBL CEO attend BRiC meetings as a matter of course.

## DIRECTORS' AND OFFICERS' INDEMNIFICATION AND INSURANCE

Under MBL's Constitution, MBL indemnifies all past and present Directors and Secretaries of MBL (including at this time the Directors named in this report and the Secretaries) and its whollyowned subsidiaries, against every liability incurred by them, and all legal costs incurred, in defending or resisting (or otherwise in connection with) proceedings in which they become involved because of their respective capacities unless:

- the liability is owed to MBL or to a related body corporate
- the liability did not arise out of conduct in good faith
- the liability is for a pecuniary penalty order or a compensation order under the Act
- in the case of legal costs: the costs are incurred in defending or resisting a liability excluded above, criminal proceedings in which the person is found guilty or proceedings brought by the Australian Securities \& Investments Commission (ASIC) or a liquidator where grounds for a court order are established (but excluding costs relating to investigations before commencement of proceedings for the court order), or the costs incurred in relation to proceedings for relief to the person under the Act in which the court denies relief
- MBL is forbidden by statute to indemnify the person against the liability or legal costs, or
- an indemnity by MBL of the person against the liability or legal costs would, if given, be made void by law.
Following approval by shareholders at the 1998 Annual General Meeting (AGM), MBL entered into a Deed of Indemnity, Access and Insurance dated 4 August 1998 (Deed), which protects Directors acting as Directors during their term of office and after their resignation (except where an individual engages in conduct involving a lack of good faith). Minor changes were made to the Deed under approvals obtained from sharehoiders at the 2000 AGM.

DIRECTORS' REPORT
FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 CONTINUED

Under the Deed, MBL agrees to:

- indemnify a current or past Director to the full extent of the indemnity given in relation to officers of MBL under its Constitution in force from time to time
- take out a reimbursement insurance policy and make available to Directors a Directors' and Officers' insurance policy (each policy to be in an amount and on terms and conditions appropriate for a reasonably prudent company in MBL's position) for seven years after the Director ceases to be a Director of MBL
- Ioan funds to a Director to cover the Director's legal costs in defending a claim, repayable when the outcome of the proceedings is determined (where the outcome results in the Director having an indemnity for such legal costs, the loan will be repayable from the amount paid by MBL to the Director under the indemnity)
- grant access to Directors to all Board papers for at least seven years after the Director ceases to be a Director of MBL, and access to other documents if the documents were in MBL's possession at the time the Director was a Director and where it is not contrary to MBL's interest for the documents to be provided.
In addition, following the approval of shareholders at the 1999 AGM, MBL made an Indemnity and Insurance Deed Poll on 30 July 1999 (Deed Poll). Minor changes were made to the Deed Poll under approvals obtained from shareholders at the 2000 AGM. The benefit of the undertakings made by MBL under the Deed Poll were given to each of the Directors, Secretaries, persons involved in the management and certain other persons, of MBL, its wholly-owned subsidiaries and other companies where the person was acting as such at the specific request of MBL or a wholly-owned subsidiary of MBL. The Deed Poll provides for the same indemnity and insurance arrangements for those persons with the benefit of the Deed Poll as for the Deed described above. However, the Deed Poll does not provide for access to documents of MBL.
The Deed Poll was largely superseded by a corresponding deed poll made by Macquarie Group Limited prior to the 2007 restructure which resulted in Macquarie Group Limited becoming the ultimate parent company of the group. As a result, only Directors and Secretaries of MBL since then and persons who were Directors and Secretaries of companies in the Consolidated Entity before the restructure have the benefit of the Deed Poll.
A Directors' and Officers' insurance policy, taken out by Macquarie Group, is in place that provides cover for each person in favour of whom such insurance is required to be taken out under the Deed and the Deed Poll and for MBL in indemnifying such persons pursuant to the Deed and the Deed Poll. Relevant individuals pay the premium attributable to the direct coverage under the policy and Macquarie Group pays the premium attributable to the reimbursement coverage under the policy. The Directors' and Officers' insurance policy prohibits disclosure of the premium payable under the policy and the nature of the liabilities insured.


## ENVIRONMENTAL REGULATIONS

MBL and its subsidiaries have policies and procedures in place that are designed to ensure that where operations are subject to any particular and significant environmental regulation under a law of the Commonwealth or of a State or Territory, those obligations are identified and appropriately addressed.
The Directors have determined that there has not been any material breach of those obligations during the financial year.

## NON-AUDIT SERVICES

Fees paid or payable to the auditor of the Consolidated Entity, PricewaterhouseCoopers (PwC), for non-audit services during the period ended 31 March 2017 total \$A4.7 million. Further details of amounts paid or payable to PwC and its related practices are disclosed in Note 41 - Audit and other services provided by PwC in the Financial Report.
The Directors are satisfied that the provision of non-audit services did not compromise the auditor independence requirements of the Act for the following reasons:

- The operation of the Consolidated Entity's Auditor Independence Policy, restricts the external auditor from providing non-audit services under which the auditor assumes the role of management, becomes an advocate for the Consolidated Entity, audits its own professional expertise, or creates a mutual or conflicting interest between the auditor and the Consolidated Entity. The policy also provides that significant permissible non-audit assignments awarded to the external auditor must be approved in advance by the BAC or the BAC Chairman, as appropriate.
- The BAC has reviewed a summary of non-audit services provided by PWC, including details of the amount paid or payable to PwC for non-audit services, and has provided written advice to the Board of Directors.
Consistent with the advice of the BAC, the Directors are satisfied that the provision of non-audit services during the year by the auditor and its related practices is compatible with the general standard of independence for auditors imposed by the Act.


## ROUNDING OF AMOUNTS

In accordance with ASIC Corporations (Rounding in Financial/Directors' Reports) Instrument 2016/191, amounts in the Directors' Report and Financial Report have been rounded off to the nearest million Australian dollars unless otherwise indicated.

This report is made in accordance with a resolution of the Directors

## EVENTS SUBSEQUENT TO BALANCE DATE

At the date of this report, the Directors are not aware of any matter or circumstance that has arisen that has significantly affected or may significantly affect the operations of the Consolidated Entity, the results of those operations or the state of affairs of the Consolidated Entity in the financial years subsequent to 31 March 2017.


## Peter Warne

Independent Director and Chairman


## Mary Reemst

Managing Director and Chief Executive Officer

Sydney
5 May 2017

## AUDITOR'S INDEPENDENCE DECLARATION

As lead auditor for the audit of Macquarie Bank Limited for the year ended 31 March 2017, I declare that to the best of my knowledge and belief, there have been:
(a) no contraventions of the auditor independence requirements of the Corporations Act 2001 in relation to the audit; and
(b) no contraventions of any applicable code of professional conduct in relation to the audit.
This declaration is in respect of Macquarie Bank Limited and the entities it controlled during the period.


## K.G. Smith

Partner
PricewaterhouseCoopers

Sydney
5 May 2017

Liability limited by a scheme approved under Professional
Standards Legislation

DIRECTORS' REPORT SCHEDULE 1 - DIRECTORS' EXPERIENCE AND SPECIAL RESPONSIBILITIES

## Peter H Warne, BA (Macquarie), FAlCD

Independent Chairman of MGL and MBL since April 2016 Independent Voting Director of MBL since July 2007 Independent Voting Director of MGL since August 2007

## Mr Wame is a member of the BRIC

## Experience

Peter Warne has extensive knowledge of, and experience in, financial services and investment banking, through a number of roles at Bankers Trust Australia Limited, including as Head of its Financial Markets Group from 1988 to 1999. Mr Warne was a Director of the Sydney Futures Exchange (SFE) from 1990 to 1999, then from 2000 to 2006. He served as Deputy Chairman of the SFE from 1995 to 1999. When the SFE merged with the ASX in July 2006, he became a Director of ASX Limited.

## Age: 61

Mr Warne is a resident of New South Wales.

## Listed Company directorships (last three years)

- Chairman, ALE Property Group (since September 2003)
- Director, ASX Limited (since July 2006)
- Chairman, OzForex Group Limited (now trading as OFX Limited)(September 2013 - November 2016)
- Deputy Chairman, Crowe Horwath Australasia Limited (from September 2008 - January 2015) (Director from May 2007 January 2015)


## Other current directorships/appointments

- Director, New South Wales Treasury Corporation
- Patron, Macquarie University Foundation


## Mary J Reemst. BA (Macquarie). Dip Fin Mgt (Accountancy)(UNE), MAICD

Managing Director and Chief Executive Officer of MBL since July 2014
Executive Voting Director of MBL since July 2014

## Experience

Mary Reemst joined Macquarie in 1999, having held senior investment banking roles at Bankers Trust Australia.
Ms Reemst was Head of Credit in the Risk Management Group for 11 years, with oversight of Macquarie's wholesale and retail exposures, including lending, trading activities, equity investments and new products.

## Other current directorships/appointments

- Director, Australian Bankers' Association
- Director, Financial Markets Foundation for Children
- Director, Australian Financial Markets Association
- Board member, Asylum Seekers Centre Incorporated
- Member, UNE Senior Advisory Board

Age: 59
Ms Reemst is a resident of New South Wales.

## Nicholas W Moore. BCom LLB (UNSW), FCA

Managing Director and Chief Executive Officer of MGL since May 2008
Executive Voting Director of MBL since May 2008
Executive Voting Director of MGL since February 2008

## Experience

Nicholas Moore joined Macquarie in 1986 and led the global development of its advisory, funds management, financing and securities businesses.

Appointed Chief Executive Officer in 2008, he is now leading the continued global growth of Macquarie Group.

Age: 58
Mr Moore is a resident of New South Wales.

## Other current directorships/appointments

- Chairman, Screen Australia
- Chairman, Sydney Opera House Trust
- Chairman, UNSW Business School Advisory Council
- Director, Centre for Independent Studies


## Gary R Banks AO. BEc (Hons) (Monash). MEc (ANU)

Independent Voting Director of MBL and MGL since August 2013
Mr Banks is a member of the BRiC

## Experience

Gary Banks has a wealth of experience across economics, public policy and regulation in Australia and internationally. He was Chairman of the Australian Productivity Commission from its inception in 1998 until 2012 and subsequently Chief Executive of the Australia and New Zealand School of Government.

He has also held senior roles with the GATT Secretariat in Geneva, the Trade Policy Research Centre in London, the Centre for International Economics in Canberra and consulted to the World Bank, Organisation for Economic Co-operation and Development (OECD) and World Trade Organisation.

## Other current directorships/appointments

- Chairperson, Australian Statistics Advisory Council
- Chairman, Regulatory Policy Committee of the OECD
- Member, Advisory Board of the Melbourne Institute, University of Melbourne
- Senior Fellow, Centre for Independent Studies
- Member, NSW Government's Economic Development Advisory Panel

Age: 67
Mr Banks is a resident of Victoria.

## Gordon M Cairns, MA (Hons) (Edin)

Independent Voting Director of MBL and MGL since November 2014

## Mr Cairns is a member of the BRIC

## Experience

Gordon Cairns has held a range of management and executive roles throughout his career including Chief Executive Officer of Lion Nathan Limited. He has extensive experience as a company director, including nine years as a non-executive director of Westpac Banking Corporation, where he served on the Board Risk Management and Remuneration Committees.

Mr Cairns has served as a director on the boards of Lion Nathan Australia Limited and Seven Network Australia Limited and as Chairman of David Jones Limited and Rebel Group Pty Limited.

## Age: 66

Mr Cairns is a resident of New South Wales.

## Listed Company directorships (last three years)

- Chairman, Woolworths Limited (since September 2015)
- Chairman, Origin Energy Limited (since October 2013) (Director since June 2007)
- Chairman, David Jones Limited (from March 2014 - August 2014)


## Other current directorships/appointments

- Director, Quick Service Restaurant Group Pty Ltd
- Director, World Education Australia


## DIRECTORS' REPORT SCHEDULE 1 - DIRECTORS' EXPERIENCE AND SPECIAL RESPONSIBILITIES

CONTINUED

## Michael J Coleman. MCom (UNSW), FCA. FCPA, FAICD

Independent Voting Director of MBL and MGL since November 2012
Mr Coleman is Chairman of the BAC and a member of the BRIC

## Experience

A senior audit partner with KPMG for 30 years, Michael Coleman has significant experience in risk management, financial and regulatory reporting and corporate governance.

Mr Coleman was KPMG's inaugural National Managing Partner Assurance and Advisory from 1998 to 2002, National Managing Partner for Risk and Regulation from 2002 to 2010 and Regional Leader for Asia Pacific Quality and Risk Management from 2002 to 2011. He has also served as Chairman of ING Management Limited and as a previous member of the Financial Reporting Council, including terms as Chairman and Deputy Chairman.

Age: 66
Mr Coleman is a resident of New South Wales.

## Listed Company directorships (last three years)

- Chairman, Bingo Industries Limited (since March 2017) (listed May 2017)


## Other current directorships/appointments

- Member, Audit Committee of the Reserve Bank of Australia
- Chairman, Reporting Committee of the Australian Institute of Company Directors (AICD)
- Member, National Board and NSW Council, AICD
- Chairman, Planet Ark Environmental Foundation
- Adjunct Professor, Australian School of Business, UNSW
- Board member, Legal Aid NSW


## Patricia A Cross, BSc (Hons) (Georgetown). FAICD

Independent Voting Director of MBL and MGL since August 2013
Mrs Cross is Chair of the BRiC and a member of the BAC

## Experience

Patricia Cross has extensive international financial and banking experience, through senior executive roles with Chase Manhattan Bank and Chase Investment Bank, Banque Nationale de Paris and National Australia Bank, where she was responsible for the Wholesale Banking and Finance Division and a member of the Executive Committee. She has lived and worked in seven different countries.

Mrs Cross has served on a number of listed company boards, including National Australia Bank Limited, JBWere Limited, Qantas Airways, Wesfarmers Limited, AMP Limited and SuncorpMetway Limited. She was Chair of Qantas Superannuation Limited and Deputy Chair of the Transport Accident Commission of Victoria. Mrs Cross has also served on many government bodies and not-for-profit organisations' boards.

## Age: 57

Mrs Cross is a resident of Victoria.

## Listed Company directorships (last three years)

- Director, Aviva plc (since October 2013)


## Other current directorships/appointments

- Chair, Commonwealth Superannuation Corporation
- Ambassador, Australian Indigenous Education Foundation
- Founding Chair, 30\% Club Australia

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## Diane J Grady AM, BA (Mills), MA (Hawaii), MBA (Harv). FAICD

Independent Voting Director of MBL and MGL since May 2011
Ms Grady is a member of the BRiC

## Experience

Diane Grady has extensive international experience in a variety of industries having served as a full time independent director of public companies and not-for-profit boards since 1994. Previous directorships include Australian Stationery Industries, BlueScope Steel Limited, Woolworths Limited, Goodman Group, Wattyl Limited, Lend Lease US Office Trust, Lend Lease Limited and MLC. She also served as a member of the ASIC Business Consultative Panel, the National Investment Council, the Sydney Opera House Trust and was President of Chief Executive Women.

Ms Grady was a partner at McKinsey \& Company where she consulted for over 15 years to clients on strategic and operational issues related to growth and was a worldwide leader of the firm's Organisation and Change Management practice. She has a Masters degree in Chinese Studies and worked for three years as a journalist in Asia. She has published research on innovation, corporate governance and gender diversity.

Ms Grady is a resident of New South Wales.

## Listed Company directorships (last three years)

- Director, Spotless Group Holdings Limited (since March 2014)

Other current directorships/appointments

- Chair, The Hunger Project Australia
- Member, Centre for Ethical Leadership
- Member, Heads Over Heels Advisory Board
- Member, NFP Chairs Forum
- Director, Tennis Australia


## Michael J Hawker AM, BSc (Sydney), FAICD, SF Fin. FAIM. FloD

Independent Voting Director of MBL and MGL since March 2010

## Mr Hawker is a member of the BAC and BRIC

## Experience

Michael Hawker has substantial expertise and experience in the financial services industry including management experience in regulated entities in Australia and internationally and a deep understanding of risk management. He was Chief Executive Officer and Managing Director of Insurance Australia Group from 2001 to 2008 and has held senior positions at Westpac and Citibank.

Mr Hawker was also President of the Insurance Council of Australia, Chairman of the Australian Financial Markets
Association, a board member of the Geneva Association and a member of the Financial Sector Advisory Council.

## Age: 57

Mr Hawker is a resident of New South Wales

## Listed Company directorships (last three years)

- Director, Aviva plc (since January 2010)
- Director, Washington H Soul Pattinson and Company Ltd (since October 2012)


## Other current directorships/appointments

- Chairman, the George Institute for Global Health
- Director, Rugby World Cup Limited

DIRECTORS' REPORT SCHEDULE 1 - DIRECTORS' EXPERIENCE AND SPECIAL RESPONSIBILITIES CONTINUED

## Nicola M Wakefield Evans, BJuris/BLaw (UNSW). FAICD

Independent Voting Director of MBL and MGL since February 2014
Ms Wakefield Evans is a member of the BAC and BRIC

## Experience

Nicola Wakefield Evans has significant Asia-Pacific experience as a corporate finance lawyer and was a partner at King \& Wood Mallesons (and its predecessor, Mallesons Stephen Jaques) for more than 20 years. Ms Wakefield Evans has particular expertise in the financial services, resources and energy, and infrastructure sectors.

She held several key management positions at King \& Wood Mallesons including Managing Partner International in Hong Kong and Managing Partner, Practice in Sydney.

## Age: 56

Ms Wakefield Evans is a resident of New South Wales.

## Listed Company directorships (last three years)

- Director, Lend Lease Corporation Limited (since September 2013
- Director, Toll Holdings Limited (May 2011 - May 2015)


## Other current directorships/appointments

- Director, Toll Holdings Limited (delisted) since May 2015
- Director, BUPA ANZ Healthcare Holdings Pty Ltd
- Director, BUPA ANZ Insurance Pty Ltd
- Member, Asialink (University of Melbourne) and AsiaLink Business
- Member, Takeovers Panel
- Director, UNSW Foundation Limited
- Member, National Board, Australian Institute of Company Directors

COMPANY SECRETARIES' QUALIFICATIONS AND EXPERIENCE

| Dennis Leong, BSC BE (Hons) (Syd). <br> MCom (UNSW), CPA. FGIA | Paula Walsh. ACIS, MAICD. AAIM | Ida Lawrance, BCom (Hons) (Queens). |
| :--- | :--- | :--- |
| DipLaw (LPAB). LLM (UNSW). AGIA |  |  |

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## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

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## INTRODUCTION

Macquarie Bank is a subsidiary of the Macquarie Group. Whilst subject to the remuneration framework determined by the Macquarie Group, the Board considers remuneration recommendations relating to the senior executives of Macquarie Bank. Throughout this Remuneration Report, for consistency, references are made to the Macquarie Group's remuneration arrangements rather than Macquarie Bank's remuneration arrangements.
During the year, the MGL Board and the BRC have reviewed the Macquarie Group's remuneration framework to ensure it continues to support its overarching objective of delivering superior company performance over both the short and long-term, while prudently managing risk and reinforcing the Code of conduct and the long-held foundations of the Macquarie Group's risk culture, the principles of What We Stand For - Opportunity, Accountability and Integrity.
In undertaking this assessment, the MGL Board and the Board Remuneration Committee (BRC) have considered factors including

- the degree of alignment between staff and shareholders
- Macquarie Group's performance during the year and the performance of each business
- shareholder returns
- the need to balance short-term and long-term incentives
- feedback from shareholders
- the risk and conduct culture of the Macquarie Group ${ }^{(1)}$
- the employment environment
- the evolving regulatory landscape
- market developments.

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## MACQUARIE GROUP'S REMUNERATION FRAMEWORK

This section explains the objectives and principles of the remuneration system

## Overall remuneration objectives and principles

The Macquarie Group's remuneration framework continues to support the overarching objective of delivering superior company performance over the short and long-term, while prudently managing risk and reinforcing the Code of conduct and What We Stand For. Directors recognise that to achieve this objective, the Macquarie Group must attract, motivate and retain exceptional people, while aligning their interests with those of shareholders. They consider this is best achieved by supporting the principles set out in the chart below.

## SUPERIOR COMPANY PERFORMANGE

## Align interests of staff and shareholders

## Attract, motivate and retain high quality people

Directors consider this is best achieved by supporting the following principles:

- remunerating high performing staff appropriately, relative to global peers, so they are attracted to and stay with Macquarie
- emphasising performance-based remuneration with an appropriate balance between short-term and long-term incentives having regard to risk
- linking rewards to create sustainable shareholder value through the use of shareholder return drivers, namely profitability and returns in excess of the cost of capital
- ensuring remuneration is structured to drive behaviours which reflect Macquarie's culture and promote Macquarie's risk management framework
- dellvering remuneration in a way that encourages a long-term perspective and creates alignment with shareholder interests
- providing consistent arrangements over time to give staff the confidence to pursue mult-year inittatives.


## CREATING A LONG-TERM FOCUS

## Risk considerations

The Board considers that the effective alignment of remuneration with prudent risk-taking is fundamental to its remuneration approach. Performance-based remuneration reflects an individual's performance, which includes an assessment of a range of factors including risk management and compliance as well as behavioural measures to promote good conduct and commitment to the Code of conduct and What We Stand For.

The Board and the BRC take risk and behavioural matters very seriously. There are consistent and transparent practices in place for managing non-compliance with the Macquarie Group's policies and to ensure that staff behaviour is aligned with the Code of conduct and What We Stand For. There are robust processes in place to ensure that these matters are appropriately considered when assessing performance and determining remuneration outcomes.
To assist the BRC:

- the Chief Financial Officer (CFO) confirms to the BRC that the forecast profit share pool would not result in the elimination of capital surpluses
- the Chief Risk Officer (CRO) provides an independent annual report to the BRC detailing any material breaches of the risk management framework, losses and impairments, the residual risks associated with large transactions concluded during the current financial year, return on economic capital by business and the relationship between profitability and risk
- the Global Head of HR discusses the CRO's report with the Group Heads to ensure any matters listed in the report are appropriately reflected in remuneration outcomes for relevant staff. HR subsequently provides a report to the BRC detailing how this has been achieved
- Macquarie Group operates a robust consequence management process whereby incidents, breaches of policy or regulation or conduct issues are managed and regularly shared with senior management. The Global Head of HR annually reports to the BRC on the outcomes from the consequence management process and confirms that these matters have been considered in determining remuneration and promotion outcomes where appropriate.
The BRC uses this information when considering the remuneration allocated to businesses and individuals.


## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

CONTINUED

## MACQUARIE GROUP'S REMUNERATION STRUCTURE

This section describes the way in which remuneration is structured and delivered.
Macquarie Group's remuneration framework works as an integrated whole. An individual's remuneration comprises:

- fixed remuneration
- profit share
- PSUs (for Executive Committee members).

The way in which these three elements work together as part of an integrated framework to support the objectives and principles is

## FIXED REMUNERATION

## Determine

 fixed remuneration- modest compared with similar roles in other organisations but sufficient to avoid inappropriate risk-taking - compared with profit share, generally higher for risk and financlal control staff than for front office staff - reviewed annually and refects technical and functional expertise, role scope, market practice and regulatory requirements
- no fixed remuneration increases proposed for Executtve Committee members for FY2018.


## PERFORMANGE-BASED REMUNERATION

| Determine company-wide pool | Profit share pool <br> - determined by reference to a proportion of the Macquarie Group after tax profits and its eamings over and above the estimated cost of capital <br> - potential for the Board to exercise discretion to adjust the size of the pool up or down. <br> PSU pool <br> - reflects the Macquarie Group's overall performance over recent years. |
| :---: | :---: |
| Determine awards <br> - businesses <br> - individuals | Profit share pool <br> - determined in the context of the overall company-wide pool <br> - considers each business' relative contribution to profits (not revenue) taking into account factors including capital and funding usage, risk management and compliance, market developments and the employment environment <br> - individual awards are based on performance. Performance criteria vary depending on an individual's role including: <br> - financial performance <br> - risk management and compliance <br> - business leadership <br> - people leadership and professional conduct consistent with the Code of conduct and What We Stand For. <br> PSU pool <br> -PSUs are only awarded to members of the Executive Committee. <br> Risk and financial control groups and other support groups <br> - based on the quality and integrity of control functions and the quality of business support services <br> - not determined with reference to profitability. |
| Structure and deliver performancebased remuneration <br> tlined in the below di | - create shareholder alignment by adopting an approach where a significant portion of performance-based remuneration is: <br> - retained and deferred over a long period <br> - delivered in a combination of MGL. Equity and Macquarie-managed fund equity <br> - subject to forfeiture upon leaving the Macquarie Group except in certain circumstances. <br> - Malus provisions apply to certain senior employees <br> - employ ROE and EPS as PSU vesting hurdles. <br> am. |

The MGL Board has discretion to change the remuneration arrangements on an annual basis to meet changing market conditions as well as to comply with regulatory and corporate governance developments.

## Profit share retention levels

Macquarie Group retains a percentage of certain individual's annual gross profit share allocation (retained profit share). The percentage is set according to their role:

## Standard retention rates by role for FY2017

| Role | Percentage retained (\%) |
| :--- | :--- |
| CEO Macquarie Group | 80 |
| CEO Macquarie Bank | 60 |
| Other Executive Committee Members | $60-70$ |
| Designated Executive Directors ${ }^{(2)}$ | $50-60$ |
| Other Executive Directors | $40-60$ |
| Staff other than Executive Directors | $25-60^{(3)}$ |

The MGL Board's discretion to change remuneration arrangements, as noted above, includes changes to profit share retention levels provided that the retention percentage is at least 30\% for Executive Directors. During FY2017, the retention levels for certain Executive Committee members were increased to further strengthen shareholder alignment.

## Investment of retained profit share

An individual's retained profit share is invested in a combination of MGL ordinary shares under the Macquarie Group Employee Retained Equity Plan (MEREP) ${ }^{(4)}$ and Macquarie-managed fund equity notionally invested under the Post-2009 Director's Profit Share (DPS) Plan(5) The following table shows the current percentage allocation of retained profit share that is invested in these two plans for Executive Directors, which is dependent on their role.

| Role | Post-2009 DPS Plan <br> (Macquarie-managed fund equity) $\%$ | MEREP <br> (MGL ordinary shares) $\%$ |
| :--- | :--- | :--- |
| CEO MGL and CEO MBL | 10 | 90 |
| Executive Committee members with Funds responsibilities | 50 | 50 |
| Other Executive Committee members | $10-20$ | $80-90$ |
| Executive Directors with Funds responsibilities | $50-75$ | $25-50$ |
| Other Executive Directors | $10-20$ | $80-90$ |

For staff other than Executive Directors, retained profit share is generally invested in the MGL equity with the exception of those staff with funds responsibilities where retained profit share is invested in a combination of the MGL equity and Macquarie-managed fund equity.
Both the MEREP and DPS Plan are fundamental tools in the Macquarie Group's retention, alignment and risk management strategies, encompassing both long-term retention arrangements and equity holding requirements. The BRC reviews the percentage allocated to the Post-2009 DPS Plan and the MEREP on an annual basis to reflect an individual Executive Director's responsibilities.
In limited circumstances, retained profit share may be allocated to other than the Post-2009 DPS Plan or the MEREP. An example might include investment in funds or products of a specific business group where there is a need to directly align the interests of employees with those of their specific types of clients.
(2) Executive Directors who have a significant management or risk responsibility in the organisation
(3) Above certain monetary thresholds
(4) The MEREP has a flexible plan structure that offers different types of equity grants depending on the junsdiction in which the participating employees are based in most cases, the equity grants are in the form of units comprising a beneficial interest in MGL. ordinary shares held in a trust for the staff member (Restricted Share Units or RSUs) For further details on the MEREP, refer to Note 32 to the financial statements in the Financial Report
(5) The Post-2009 DPS Plan comprises exposure to a notional portfolio of Macquarie-managed funds Retained amounts for Executive Directors are notionally invested over the retention period This investment is described as 'notional' because Executive Directors do not directly hold securities in relation to this investment. However, the value of the retained amounts will vary as if these amounts were directly invested in actual securities. giving the Executive Directors an effective economic exposure to the performance of the securities. Notional returns on retained profit share invested in the Post-2009 DPS Plan may be paid annually to Executive Directors These amounts are required to be disclosed as remuneration for Executive KMP. The notional returns are calculated based on total shareholder return If the notional investment of retained profit share results in a notional loss, this loss will be offset against any future notional income until the loss is completely offset

## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

## Vesting and release of profit share

Whilst employed, retained profit share vests and is released over a period that reflects the scope and nature of an individual's role and responsibilities. The vesting period is established for each retained profit share allocation by the BRC, according to the prevailing market conditions, having regard to regulatory and remuneration trends at the time of allocation. For each year's allocation, once the vesting period has been determined it will remain fixed for that allocation. The following table shows the current release schedule for retained profit share invested in the Post-2009 DPS Plan and the MEREP.

| Role | Release schedule |
| :--- | :--- |
| Executive Committee members <br> (including the Managing Director <br> and CEOs of MGL and MBL), <br> Designated Executive Directors | One-fifth in each of <br> years $3-7$ |
| Other Executive Directors One-third in each of <br> years 3-5 <br> Staff other than Executive Directors One-third in each of <br> years $2-4$ |  |

Vesting and release schedules may vary for certain groups of staff who have become employees as a result of an acquisition, or for staff in jurisdictions outside Australia to ensure compliance with local regulatory requirements.

## Forfeiture of retained profit share - Malus Events

Since 2012, the MGL Board or its delegate has had the ability to reduce or eliminate unvested profit share for certain senior employees in certain circumstances (Malus). The current Malus provisions provide the MGL Board or its delegate with the ability to reduce or eliminate in full, the unvested profit share awarded in respect of FY2015 and subsequent years to certain senior employees if it determined that the individual has at any time:

- acted dishonestly (including, but not limited to, misappropriating funds or deliberately concealing a transaction)
- acted or failed to act in a way that contributed to a breach of a significant legal or significant regulatory requirement relevant to the Macquarie Group
- acted or failed to act in a way that contributed to the Macquarie Group, Macquarie Bank or any Operating Group within the Macquarie Group incurring:
- significant reputational harm
- a significant unexpected financial loss, impairment charge, cost or provision
- acted or failed to act in a way that contributed to MGL or MBL making a material financial misstatement.
Each of the above is a Malus Event.

Additional provisions may apply to staff in jurisdictions outside Australia to ensure compliance with local regulations. This includes, for example, staff in the EU who are required to comply with the UK Remuneration Code. These individuals are subject to additional Malus and clawback provisions under these regulations.
The Macquarie Group has always had and continues to have, the ability to terminate staff where a Malus Event has occurred, at which time any unvested profit share would be forfeited in full. The BRC considers whether, and the extent to which, to apply Malus, taking into account local employment laws, the nature and circumstances of the event and any other redress that has been or may be applied.

## Early vesting and release of retained profit share

An Executive Director's unvested retained profit share is only paid out on termination of employment in the case of death, serious incapacitation, genuine retirement, redundancy, disability, serious ill-health or other limited exceptional circumstances. The MGL Board, or its delegate, has discretion to accelerate the vesting of retained profit share under these circumstances (subject to the conditions of early release as set out below).
Discretion may be exercised in certain other limited exceptional circumstances on the grounds of business efficacy, in connection with strategic business objectives, including in connection with the divestment or internalisation of Macquarie Group businesses, or when an employee resigns to fulfil a public service role in a governmental organisation or agency. Where such discretion is exercised, the MGL Board or its delegate may impose such other conditions as it considers appropriate. This year such discretion has been exercised and retained profit share released for nine executives.

## Conditions of early release of retained profit share to departing Executive Directors - Post Employment Events

In addition to the Malus provisions set out above, the MGL Board or its delegate may reduce or eliminate in full the retained profit share of any departing Executive Director for whom discretion has been exercised to accelerate the vesting of their retained profit share upon termination, if it determines that the Executive Director has at any time during or after their employment committed a Malus Event (as described above) or:
a) taken staff to a competitor or been instrumental in causing staff to go to a competitor, or
b) joined a competitor.

Each of the above is a Post Employment Event.
In the case of death or serious incapacitation, the MGL Board or its delegates will typically accelerate the vesting of retained profit share and immediately release it to the Executive Director, or to the Executive Director's legal personal representative. In other circumstances, the release will occur over the period from six months to two years after the Executive Director leaves, in accordance with the following table:

|  | First Period | Second Period | Third Period |
| :---: | :---: | :---: | :---: |
| Time post-departure | Six months | Six months to one year | One year to two years |
| Unvested retained profit share released | From all but the last two years of employment | From the second year prior to the end of employment | From the year prior to the end of employment |
| Subject to | No Malus Event as set out on the previous page or Post Employment Event as set out above. | No Malus Event or Post Employment Event during the First Period, and | No Malus Event or Post Employment Event during the First Period, and |
|  |  | No Malus Event or Post Employment Event a) above during Second Period. | No Malus Event or Post Employment Event a) during the Second Period, and |
|  |  |  | No Malus Event during the Third Period. |

Where an Executive Director has a tax liability on termination of employment in respect of any unvested retained profit share, the MGL Board or its delegate has discretion to release unvested retained profit share up to an amount equal to the Executive Director's tax liability, at an earlier time than noted above.

## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT <br> \section*{CONTINUED}

## Performance Share Units (PSUs)

Executive Committee members are the only group of staff eligible to receive PSUs, which are subject to forward-looking performance hurdles and are determined with reference to the Macquarie Group as a whole. As such, they provide an additional incentive to Executive Committee members to drive company-wide performance over the long-term over and above their business group responsibilities. PSU awards are a meaningful incentive but are generally not the major element of an Executive Committee member's total remuneration.
Since their introduction, PSUs have been structured as DSUs ${ }^{(6)}$ with performance hurdles. Holders have no right to dividend equivalent payments. In all other respects, holders of these PSUs have the same rights as holders of other DSUs. There is no exercise price for PSUs. The following table summarises the key terms of PSUs and the performance hurdles:

| Determination | The MGL Board approves the value of PSUs to be allocated to Executive Committer members each <br> year. The aggregate value of PSUs to be allocated is determined with reference to profits over <br> recent years. |
| :--- | :--- |

Allocation The allocation to individuals ${ }^{m}$ is based on:

> - role scope and complexity

- financial and non-financial performance assessment against a range of factors including financjal results, risk management and compliance, business leadership and people leadership
- upholding the Code of conduct and What We Stand For.


#### Abstract

Vesting Since 2012, PSUs will vest in two equal tranches after years three and four from the deemed vesting commencement date (typically 1 July in the year of grant), and are exercisable on the achievement of performance hurdles.


| Upon leaving | To ensure continued alignment with shareholders post termination, in the case of death, serious |
| :--- | :--- |
| Macquarie | incapacitation, genuine retirement, redundancy, disability, serious ill-health or limited exceptional <br> circumstances, the MGL Board or the BRC has the authority to either accelerate the vesting of |
|  | PSUs or to permit the PSUs to continue to vest in accordance with the original award schedule and |
|  | remain subject to the same performance hurdles. Unless one of the early release circumstances |
|  | applies, unvested PSUs will be forfeited on termination. |

(6) A DSU is a Deferred Share Unit and is one of the award types under the MEREP For further details, refer to Note 32 to the financial statements in the Financial Report
(7) The allocation of PSUs to the Macquarle Group CEO. who is an Executive Voting Director, is subject to Macquarie Group shareholder approval

## Directors Report

Schedule 1-Directors experience and special responsibilttes
Schedule 2 - Remuneration Report

## Performance hurdles for PSUs

The PSU hurdles are periodically reviewed by the BRC to ensure they continue to align the interests of staff and shareholders and provide a challenging but meaningful incentive to Executive Committee members. The BRC considers historical and forecast market data, the views of corporate governance bodies, shareholders and regulators as well as market practice. No change has been made to the hurdles for FY2017

|  | EPS CAGR hurdle | ROE hurdle |
| :---: | :---: | :---: |
| Application to PSU awards | 50\% | 50\% |
| Performance measure | Compound annual growth rate (CAGR) in EPS over the vesting period (three to four years) | Relative average annual ROE over the vesting period (three to four years) compared with a reference group of global financial institutions ${ }^{(8)}$ |
| Hurdle | Sliding scale applies: <br> - $50 \%$ becoming exercisable at EPS CAGR of $7.5 \%$ <br> - $100 \%$ at EPS CAGR of $12 \%$ | Sliding scale applies: <br> - $50 \%$ becoming exercisable above the 50th percentile <br> - $100 \%$ at the 75 th percentile. |

For example, if EPS CAGR was $9.75 \%, 75 \%$ of the relevant awards would become exercisable
For awards made prior to 2013, the EPS CAGR hurdle range was $9 \%-13 \%$.

- ROE and EPS are considered appropriate measures of performance as they drive long-term company performance and are broadly similar to the performance measures Macquarie Group uses for determining the annual profit share pool
- ROE and EPS are appropriate for the Executive Committee because they can affect outcomes on both measures. In contrast, Total Shareholder Return (TSR) is influenced by many external factors, including market sentiment, over which executives have limited control
- The approach is consistent with that advocated by APRA in not using TSR as a measure
- ROE and EPS can be substantiated using information that is disclosed in audited financial statements
- The use of a sliding scale diversifies the risk of not achieving the hurdles, provides rewards proportionate to performance for shareholders and is preferable to an all-or-nothing test which some have argued could promote excessive risk-taking
- Macquarie Group's performance hurdles reward sustained strong performance and are relatively well-insulated from short-term fluctuations. The time frame used for PSUs should also be considered in light of the three to seven year deferral of profit share for members of the Executive Committee

Use of an international reference group recognises the extent of Macquarie Group's diversification and internationalisation. At 31 March 2017, total international income represented approximately $63 \%$ of Macquarie Group's total income with approximately $55 \%$ of Macquarie Group's staff located outside Australia.

## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT <br> CONTINUED

## Testing of hurdles

Under both performance hurdles, the objective is examined once only. Testing occurs annually on 30 June immediately before vesting on 1 July, based on the most recent financial year-end results available. To the extent that a condition is not met when examined, the PSUs due to vest will not be exercisable upon vesting, resulting in a nil benefit to Executive Committee members.
The PSUs that vested in July 2016 comprised the second tranche of those awards granted in 2012 and the first tranche of those granted in 2013. As the performance hurdles under each tranche were not met in full, not all of the awards became exercisable. As a result:

|  | EPS GAGR hurdle |  | ROE hurdle |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| PSU tranche | Macquarie Group <br> result (for vesting <br> period) | Hurdle | Outcome | Macquarie Group <br> result (for vesting <br> period) | Hurdle |

PSUs that did not meet performance hurdles expired.

## Other features of Macquarie Group's remuneration structure

## Promotion Awards

Staff who are promoted to Associate Director, Division Director or Executive Director receive an allocation of MEREP awards based on seniority set with reference to an Australian dollar value.

## Minimum shareholding requirement

Executive Directors are required to hold a relevant interest in MGL ordinary shares which have a value equal to $5 \%$ of an Executive Director's aggregate profit share allocations for each of the past five years (10 years for Executive Committee members), which can be satisfied by the requirements of the profit share retention policy.

## Hedging

The Macquarie Group prohibits staff from hedging shares held to meet the minimum shareholding requirement and unvested equity held in the MEREP.

## Employment contracts

The following table summarises key features of the employment contracts for Executive Committee members including the CEO:

| Length of contract | Permanent open-ended |
| :--- | :--- |
| Remuneration review period | 1 April to 31 March annually |
| Profit share participation | Executive Committee members are eligible to be considered for a profit share allocation that <br> ensures that a large part of their remuneration is 'at risk'. Refer to pages 29 to 33 for details |
| PSU participation | Executive Committee members are eligible to receive PSUs. Refer to pages 34 to 36 for <br> details |
| Termination of employment | Requires no more than four weeks' notice <br>  <br> Committee member |

[^1]DIRECTORS' REPORT

## ALIGNMENT OF REMUNERATION OUTCOMES TO RESULTS

Macquarie Bank's FY2017 net profit after tax (NPAT) is up 16\% excluding the profit from discontinued operations and has decreased by $42 \%$ when the profit from discontinued operations is included.

|  | 2017 | $2016^{(10)}$ | $2015^{(10)}$ | $2016^{(11)}$ | $2015^{(11)}$ | 2014 | 2013 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NPAT attributable to ordinary <br> equity holders (\$Am) | 1,221 | 1,050 | 906 | 2,090 | 1,096 | 752 | 650 |
| Return on average ordinary <br> shareholders' funds (\% p.a.) | 10.1 | 9.2 | 9.5 | 18.3 | 11.5 | 8.5 | 7.9 |

## REMUNERATION GOVERNANCE

Effective governance is central to Macquarie Group's remuneration strategy and approach. The key elements of Macquarie Group's remuneration governance are described below.

## Strong Board oversight

The MGL Board oversees Macquarie Group's remuneration arrangements. The MGL Board has a BRC whose objective is to assist the MGL Board and the Board of Macquarie Bank, a key operating subsidiary, with Macquarie Group's remuneration policies and practices.
The BRC currently comprises five independent NEDs:

- Michael Hawker (Chairman)
- Gary Banks
- Gordon Cairns
- Diane Grady
- Peter Warne

The BRC members have the required experience and expertise in human resources, remuneration and risk that enable them to achieve effective governance of the Macquarie Group's remuneration system. The BRC has a regular meeting cycle and it met seven times over the last financial year. Attendance at the meetings by the BRC members is set out in the Directors' Report. Strict processes are in place to ensure that conflicts of interest are appropriately managed.
The BRC pays close attention to the design and the operation of remuneration practices for all of the Macquarie Group, not just for the most senior executives. The responsibilities of the BRC are outlined in its Charter, which is reviewed and approved annually by the MGL Board. The Charter is available on the Macquarie Group's website at macquarie.com/leadership-corporategovernance. Some of the responsibilities include:

- recommending to the Board the remuneration outcomes for all Executive KMP, Designated Executive Directors as well as other senior executives
- assessing the effectiveness of the Remuneration Policy to ensure compliance with legal and regulatory requirements, as well as to support the alignment of remuneration with prudent risk taking and professional conduct across the organisation
- recommending the Remuneration Policy to the MGL Board for approval, and
- overseeing the process for the annual review by the MGL Board and the Board of the CEOs and other Executive KMPs' performance

As part of the Board's annual review of MBL's CEO's performance, the CEO meets with the Non-Executive Directors (NEDs) towards the end of each financial year to consider formal documentation that outlines her views of Macquarie Bank's performance. The presentation includes a broad range of Macquarie Bank's activities covering the following main areas:

- financial position and performance
- risk management and compliance
- people leadership and professional conduct consistent with the Code of conduct and What We Stand For
- sustainability (planning and investment in the future)
- community.

Over the course of the year the Board receives regular reports and updates on many of these areas. These are summarised in the CEO's presentation, together with additional information on any particular matters of interests that the Board has identified for further discussion as a part of the review process. The Board then considers the CEO's performance and progress against all of these topics in determining the CEO's remuneration for the year.
The MGL Board and the BRC also consider formal documentation for each Executive Committee member, which covers financial performance, risk management and compliance, business leadership and people leadership and professional conduct consistent with the Code of conduct and What We Stand For.
This information helps the BRC and Board make decisions about remuneration.

## Independent remuneration review

The BRC has retained Pay Governance as its independent remuneration consultant, for the use of the MGL Board to obtain advice on the appropriateness of the Macquarie Group's remuneration system
The only service that Pay Governance provides to the Macquarie Group is executive compensation consulting to the BRC. This year, Pay Governance considered the overall approach to remuneration, comparator organisations' overall approach to remuneration, the extent of alignment with shareholder interests and a comparison of individual remuneration for senior executives where relevant comparator company information was available. Pay Governance has not made any remuneration recommendations, as defined by the Corporations Act 2001 (Cth). The BRC is responsible for making decisions within the terms of its Charter. Pay Governance's terms of engagement set out their independence from members of Macquarie Group's management.

## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

## CONTINUED

This year, Pay Governance:

- provided information on global remuneration and regulatory trends
- compared individual remuneration for Executive KMP where relevant comparator company information was available
- considered Macquarie Group's overall remuneration approach compared to comparator company organisations.
Pay Governance's findings included that:
- the objectives of Macquarie Group's remuneration system are similar to those cited by other leading global investment banks
- Macquarie Group's remuneration components support its remuneration objectives and principles and are largely consistent with practices at other leading global investment banks.


## NON-EXECUTIVE DIRECTOR REMUNERATION

Macquarie Group's remuneration approach seeks to ensure that the Non-Executive Directors (NEDs) are appropriately remunerated. Reflecting the Board's role, the remuneration arrangements applicable to NEDs, as outlined in this section, significantly differ from the arrangements applicable to Executives.

## Non-Executive Director remuneration policy

Macquarie Group's NED remuneration policy achieves its overall objective of appropriate remuneration by:

- Setting Board and Committee fees to reflect the time commitment and responsibilities involved, taking into account market rates for relevant organisations and market trends
- Delivering these fees in a form that is not contingent on Macquarie Group's performance.
Unlike Macquarie Group executives, NEDs are not granted equity, nor are they eligible to receive profit share payments. There are no termination payments to NEDs on their retirement from office other than payments relating to their accrued superannuation contributions comprising part of their remuneration.
The MGL CEO and the MBL CEO are not remunerated separately for acting as an Executive Voting Director.
Directors are required to disclose to Macquarie Group, at least annually, their financing arrangements relating to their Macquarie Group securities.
All NEDs of MGL are also NEDs of MBL. The policy governs the remuneration of NEDs of both MGL and MBL.


## Board and Committee fees

Board and Committee fees are reviewed annually. Per diem fees may also be paid from time to time for approved additional work. An internal review of NED remuneration was completed in 2016 Following this review, the Boards determined that Board and Committee fees should remain unchanged.

|  |  |  |
| :--- | ---: | ---: |
| MBL Annual Director Fees |  |  |
|  | Chairman | Member |
|  | $\$ A$ | $\$ A$ |
| Board | 250,000 | 72,500 |

MBL does not have standalone Board committees. The Macquarie Group BAC and the Macquarie Group BRiC are joint committees of MGL and MBL. The BRC also advises both Boards. The MGL Board Committee Chairman annual fee is $\$ A 75,000$ and the annual member fee is $\$ A 35,000$ for each of the BAC, BRIC and BRC.
MGL's NEDs are remunerated for their services from the maximum aggregate amount approved by Macquarie Group for this purpose. MGL shareholders approved the current limit (\$A4.6 million per annum) at MGL's 2015 AGM. The Board ensures that NED remuneration for MGL and MBL taken together does not exceed this shareholder approved maximum amount.
Information on the number of Board and Committee meetings is included on page 19 of the Directors' Report.

## Directors' Report

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## APPENDICES: KEY MANAGEMENT PERSONNEL (KMP) DISCLOSURES

## APPENDIX 1: KMP

KMP include Executive Voting Directors and Executives with authority and responsibility for planning, directing and controlling the activities of MBL and its controlled entities (together making Executive KMP) and NEDs. MBL's NEDs are required by the Act to be included as KMP for the purposes of disclosures in the Remuneration Report. However, the NEDs do not consider themselves part of Management. The following table sets out the KMPs for FY2017:

| Name | Position |
| :---: | :---: |
| Executive Voting Directors |  |
| N.W. Moore | Macquarie Group CEO |
| M.J. Reemst | Macquarie Bank CEO |
| Non-Executive Directors |  |
| G.R. Banks AO | Independent Director |
| G.M. Cairns | Independent Director |
| M.J. Coleman | Independent Director |
| P.A. Cross | Independent Director |
| D.J. Grady AM | Independent Director |
| M.J. Hawker AM | Independent Director |
| N.M. Wakefield Evans | Independent Director |
| P.H. Warne | Independent Chairman |
| Executives |  |
| S.D. Allen | CRO, Head of RMG |
| B.A. Brazil | Co-Head of CAF |
| A.J. Downe | Head of CGM |
| G.A. Farrell | Co-Head of CAF |
| M. McLaughlin | Country Head, United States of America |
| N. Sorbara | COO, Head of COG |
| P.C. Upfold | CFO, Head of FMG |
| S. Vrcelj | Former Head of MSG |
| G.C. Ward | Deputy Managing Director and Head of BFS |
| S. Wikramanayake | Head of MAM |

With the exception of Mr S. Vrcelj, who ceased to be a member of the Executive Committee on 29 November 2016:

- all of the above individuals were KMP for the full year
- all of the above Executive Voting Directors and Executives were members of the Executive Committee as at 5 May 2017.

Except where otherwise noted, the remuneration and other related party disclosures included in the Remuneration Report have been prepared in accordance with the requirements of the Act and in compliance with AASB 124 Related Party Disclosures. For the purpose of these disclosures, all the individuals listed above have been determined to be KMP, as defined by AASB 124 Related Party Disclosures.

## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

CONTINUED

## APPENDIX 2: STATUTORY REMUNERATION DISCLOSURES

## Executive Remuneration

The remuneration arrangements for all of the persons listed on the previous page as Executive Voting Directors or Executives are described on pages 29 to 36 .
Under the requirements of AASB 124 Related Party Disclosures, the remuneration disclosures for the years ended 31 March 2017 and 31 March 2016 only include remuneration relating to the portion of the relevant periods that each person was an Executive KMP. So, comparable executive remuneration is confined to those who were Executive KMP for the full year in both FY2017 and FY2016.
While RSUs and DSUs, and PSUs (for Executive Committee members) for FY2017 will be granted during FY2018, Macquarie Group begins recognising an expense for these awards (based on an initial estimate) from 1 April 2016. The expense is estimated using the price of MGL ordinary shares as at 31 March 2017 and the number of equity instruments expected to vest. For PSUs, the estimate also incorporates an interest rate to maturity of $2.19 \%$ per annum, expected vesting dates of PSUs of 1 July 2020 and 1 July 2021, and a dividend yield of $4.94 \%$ per annum. In the following financial year, Macquarie Group will adjust the accumulated expense recognised for the final determination of fair value for each RSU, DSU and PSU when granted and will use this validation for recognising the expense over the remaining vesting period.

As explained on page 31, profit share amounts retained under the Post-2009 DPS Plan are notionally invested for Executive Directors, providing them with an economic exposure to the underlying investments, typically Macquarie-managed funds.
Executive Directors are each entitled to amounts equivalent to the investment earnings (dividends/distributions and security price appreciation) on the underlying securities. Where these amounts are positive, they may be paid to Executive Directors and are included in the relevant remuneration disclosures below as part of Long-Term Employee Benefits (refer to the 'Earnings on prior year restricted profit share' column in the table on page 43). When these amounts are negative, they are deducted from LongTerm Employee Benefits remuneration in the same column.
These earnings on retained DPS amounts reflect the investment performance of the assets in which prior year retained amounts have been notionally invested. Their inclusion in the individual remuneration disclosures on the following pages may, therefore, cause distortions when year-on-year remuneration trends are examined. They do not reflect remuneration review decisions made about the individual's current year performance.


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## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

CONTINUED

Executive KMP Remuneration Disclosure (in accordance with Australian Accounting Standards)

Short-Term Employee Benefits

|  |  |  | $\begin{array}{r} \text { Salary } \\ \text { (including } \\ \text { superannuation) } \end{array}$ |  | Total short-term employee benefits |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Name | Position | Year | \$A | \$ ${ }^{\text {a }}$ | \$A |

Executive Voting Directors

| N.W. Moore | Managing Director and CEO | 2017 | 452,760 | 1,925,749 | 2,378,509 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2016 | 473,614 | 2,771,675 | 3,245,289 |
| M.J. Reemst | MBL Managing Director and CEO | 2017 | 700,800 | 1,401,648 | 2,102,448 |
|  |  | 2016 | 666,624 | 1,492,608 | 2,159,232 |
| Other Executives |  |  |  |  |  |
| S.D. Allen | CRO, Head of RMG | 2017 | 514,182 | 1,600,124 | 2,114 306 |
|  |  | 2016 | 501,832 | 1,636,000 | 2,137,832 |
| B.A. Brazil | Co-Head of CAF | 2017 | 700,800 | 6,387,347 | 7,088,147 |
|  |  | 2016 | 701,256 | 6,733,695 | 7,434,951 |
| A.J. Downe ${ }^{(6)}$ | Head of CGM | 2017 | 757,509 | 5,015,848 | 5,773,357 |
|  |  | 2016 | 747,552 | 2,639,503 | 3,387,055 |
| G.A. Farrell | Co-Head of CAF | 2017 | 698,181 | 2,984,964 | 3,683,145 |
|  |  | 2016 | 688,269 | 3,257,653 | 3,945,922 |
| M. McLaughlin ${ }^{(6)}$ | Country Head, United States of America | 2017 | 523,213 | 342,764 | 865,977 |
|  |  | 2016 | 506,850 | - | 506,850 |
| N. Sorbara | COO, Head of COG | 2017 | 386,356 | 998,852 | 1,385,208 |
|  |  | 2016 | 404,151 | 1,169,045 | 1,573,196 |
| P.C. Upfold | CFO, Head of FMG | 2017 | 565,634 | 1,594,365 | 2,159,999 |
|  |  | 2016 | 558,578 | 1,967,390 | 2,525,968 |
| G.C. Ward | Deputy Managing Director, Head of BFS | 2017 | 690,458 | 3,012,845 | 3,703,303 |
|  |  | 2016 | 693,482 | 2,886,413 | 3,579,895 |
| S. Wikramanayake | Head of MAM | 2017 | 104,339 | 203,028 | 307,367 |
|  |  | 2016 | 207,893 | 485,252 | 693,145 |
| Total Remuneration - Comparable Executive KMP ${ }^{(7)}$ |  | 2017 | 6,094,232 | 25,467,534 | 31,561,766 |
|  |  | 2016 | 6,150,101 | 25,039,234 | 31,189,335 |
| Former Executives |  |  |  |  |  |
| S. Vrcelj ${ }^{(8)}$ | Former Head of MSG | 2017 | 73,043 | 167,265 | 240,308 |
|  |  | 2016 | 122,692 | 849,236 | 971,928 |
| Total Remuneration - Executive KMP (including former executives) |  | 2017 | 6,167,275 | 25,634,799 | 31,802,074 |
|  |  | 2016 | 6,272,793 | 25,888,470 | 32,161,263 |

Long-Term Employee Benefits Share Based Payments

| Restricted profit share ${ }^{(2)}$ | Earnings on prior year restricted profit share ${ }^{(3)}$ | Total long-term employee benefits | Equity awards including shares ${ }^{(4)}$ | PSUs ${ }^{(5)}$ | Total share-based payments | Total Remuneration | Percentage of remuneration that consists of PSUs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$A | \$A | \$A | \$A | \$A | \$A | \$A | \% |
| 770,300 | 267,171 | 1,037,471 | 5,030,134 | 2,003,276 | 7,033,410 | 10,449,390 | 19.17 |
| 646,724 | 130,997 | 777,721 | 3,685,560 | 1.804,913 | 5,490,473 | 9,513,483 | 18.97 |
| 210,247 | 72,717 | 282,964 | 1,223,635 | 1,112,092 | 2,335,727 | 4,721,139 | 23.56 |
| 149,261 | 50,881 | 200,142 | 924,529 | 740,077 | 1,664,606 | 4,023,980 | 18.39 |
| 240,019 | 86,412 | 326,431 | 1,374,770 | 1,150,466 | 2,525,236 | 4,965,973 | 23.17 |
| 163,600 | 45,595 | 209,195 | 1,054,578 | 1,050,170 | 2,104,748 | 4,451,775 | 23.59 |
| 958,102 | 223,087 | 1,181,189 | 6,973,281 | 1,619,586 | 8,592,867 | 16,862,203 | 9.60 |
| 1,010,054 | 99,881 | 1,109,935 | 5,416,565 | 1,068,468 | 6,485,033 | 15,029,919 | 7.11 |
| 752,377 | 795,839 | 1,548,216 | 4,252,383 | 2,263,567 | 6,515,950 | 13,837,523 | 16.36 |
| 395,926 | 456,183 | 852,109 | 3,403,178 | 2,279,063 | 5,682,241 | 9,921,405 | 22.97 |
| 447,745 | 212,138 | 659,883 | 3,152,855 | 2,468,658 | 5,621,513 | 9,964,541 | 24.77 |
| 325.765 | 152,967 | 478.732 | 2,585,618 | 2,389.938 | 4,975.556 | 9,400,210 | 25.42 |
| 51,415 | 102,350 | 153,765 | 552,993 | 241,098 | 794,091 | 1,813,833 | 13.29 |
| - | - | - | - | - | - | 506,850 | 0.00 |
| 149,828 | 28,367 | 178,195 | 759,931 | 932,470 | 1,692,401 | 3,255,804 | 28.64 |
| 116,904 | 13,545 | 130,449 | 550,543 | 834,245 | 1,384,788 | 3,088,433 | 27.01 |
| 239,155 | 41,971 | 281,126 | 1,442,428 | 835,802 | 2,278,230 | 4,719,355 | 17.71 |
| 196,739 | 18,280 | 215,019 | 1,057,140 | 548,712 | 1,605,852 | 4,346,839 | 12.62 |
| 903,853 | 140,936 | 1,044,789 | 2,283,535 | 2,294,326 | 4,577,861 | 9,325,953 | 24.60 |
| 577,283 | 70.281 | 647,564 | 1,807.280 | 2,118,635 | 3,925,915 | 8,153,374 | 25.98 |
| 152,271 | 30,152 | 182,423 | 105,937 | 87,667 | 193,604 | 683,394 | 12.83 |
| 242,626 | 24,538 | 267,164 | 145,121 | 154,946 | 300,067 | 1.260,376 | 12.29 |
| 4,875,312 | 2,001,140 | 6,876,452 | 27,151,882 | 15,009,008 | 42,160,890 | 80,599,108 |  |
| 3,824,882 | 1,063,148 | 4.888,030 | 20.630,112 | 12,989,167 | 33,619,279 | 69,696,644 |  |
| 39,028 | 22,708 | 61,736 | 695,774 | 813,866 | 1,509,640 | 1,811,684 | 44.92 |
| 198,155 | 12,507 | 210.662 | 804,483 | 1,138.383 | 1,942,866 | 3,125,456 | 36.42 |
| 4,914,340 | 2,023,848 | 6,938,188 | 27,847,656 | 15,822,874 | 43,670,530 | 82,410,792 |  |
| 4,023,037 | 1,075,655 | 5,098,692 | 21,434,595 | 14,127,550 | 35,562,145 | 72,822,100 |  |

## DIRECTORS' REPORT SCHEDULE 2 - REMUNERATION REPORT

Notes to the statutory remuneration disclosures
(1) The cash portion of each person's profit share allocation for the reporting period as an Executive KMP.
(2) The amount of retained profit share that is deferred to future periods and held as a notional investment in Macquarie-managed fund equity (Post-2009 DPS Plan).
(3) The earnings on restricted profit share as described on page 31 .
(4) The current year expense for retained profit share that is invested in MGL ordinary shares under the MEREP described on page 31. This is recognised as an expense over the respective vesting periods as described on page 32.
(5) The current year expense for PSUs that is recognised over the vesting period as described on pages 34 .
(7) Comparable KMP are Executive KMP who are members of the Executive Committee for the full year in both FY2017 and FY2016.

Notes on individuals
(6) Mr Downe and Mr McLaughlin are paid in \$SG and \$US respectively. They have not received a base remuneration increase during the year. The base salary for FY2017 differs to FY2016 due to exchange rate movements.
(8) Mr Vrcelj retired from the Executive Committee on 29 November 2016 and will not receive a PSU grant in respect of FY2017. The amount shown as a PSU share-based payment represents the current year expense in respect of prior year PSU awards.

## Non-Executive Director Remuneration

The remuneration arrangements for all of the persons listed below as NEDs are described on page 38 of this Remuneration Report. Whilst NED fees were unchanged during the current year, FY2017 amounts reflect the full year impact of fee increases effective 1 October 2015.

|  | Year |  | Other benefits | Total Compensation |
| :---: | :---: | :---: | :---: | :---: |
|  |  | \$ | \$ $A^{(9)}$ | \$A |
| G.R. Banks | 2017 | 72,500 | - | 72,500 |
|  | 2016 | 71,250 | - | 71,250 |
| G.M. Cairns | 2017 | 72,500 | - | 72,500 |
|  | 2016 | 71,250 | - | 71,250 |
| M.J. Coleman | 2017 | 72,500 | 3,000 | 75,500 |
|  | 2016 | 71,250 | 4,500 | 75,750 |
| P.A. Cross | 2017 | 72,500 | - | 72,500 |
|  | 2016 | 71,250 | - | 71,250 |
| D.J. Grady | 2017 | 72,500 | - | 72,500 |
|  | 2016 | 71,250 | - | 71,250 |
| M.J. Hawker | 2017 | 72,500 | - | 72,500 |
|  | 2016 | 71,250 | - | 71.250 |
| H.K. McCann ${ }^{(10)}$ | 2017 | - | - | - |
|  | 2016 | 245,000 | - | 245,000 |
| N.M. Wakefield Evans | 2017 | 72,500 | - | 72,500 |
|  | 2016 | 71,250 | - | 71,250 |
| P.H. Warne ${ }^{(11)}$ | 2017 | 250,000 | - | 250,000 |
|  | 2016 | 71,250 | - | 71,250 |
| Total Remuneration - Non-Executive KMP | 2017 | 757,500 | 3,000 | 760,500 |
|  | 2016 | 815,000 | 4,500 | 819,500 |

[^2]
## APPENDIX 3: OTHER KMP DISCLOSURES

## Other transactions with KMP and their related parties

Certain KMP and their related parties have acquired investments in certain products from subsidiaries within the Macquarie Group. These products typically involve the issuance of investment units and have been financed with limited recourse loans. Some are accounted for as fee and commission income when acting on behalf of investors. This fee represents the service performed by the Macquarie Group for transferring interest received from investors in exchange for their investment unit returns. The gross receipts by the Macquarie Group were $\$ A 2,700$ thousand (2016: \$A1,100 thousand). Others are subject to swap agreements and are accounted for as derivatives by the Macquarie Group. All the arrangements between the investor and the Macquarie Group are subject to a legal right of set-off.

All transactions with KMP (including their related parties) were conducted on an arm's length basis in the ordinary course of business and under standard terms and conditions for other customers and employees.
From an accounting perspective, amounts recognised by the Macquarie Group in respect of these transactions are either recognised net in either trading income or fee and commission income and have been disclosed below.

| Aggregated amounts recognised by the Macquarie Group | Balance at <br> 31 March 2017 | Balance at <br> 31 March 2016 |
| :---: | :---: | :---: |
|  | \$ ${ }^{\prime} 000$ | \$ ${ }^{\prime} 000$ |
| Trading income | 838 | 800 |
| Fee and Commission income | 397 | 174 |

Contributions in respect of these products relate to the following Key Management Personnel: S. Wikramanayake.

This Remuneration Report has been prepared in accordance with the Act. The Remuneration Report contains disclosures as required by Accounting Standard AASB 124 Related Party Disclosures as permitted by Corporations Regulation 2M.3.03. Throughout this Remuneration Report financial information for Macquarie Bank relating to the years ended 31 March 2013 through to 31 March 2017 has been presented in accordance with Australian Accounting Standards. Compliance with Australian Accounting Standards ensures compliance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB).

## FINANCIAL REPORT

## Income Statements

Statements of comprehensive income
Statements of financial position
Statements of changes in equity
Statements of cash flows
Notes to the financial statements
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OFR FINANCIAL REPORT

## ncome Statements

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## INCOME STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

|  | Notes | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Interest and similar income | 2 | 4,778 | 5,083 | 4,276 | 4,122 |
| Interest expense and similar charges | 2 | $(2,608)$ | $(2,911)$ | $(2,490)$ | $(2,685)$ |
| Net interest income |  | 2,170 | 2,172 | 1,786 | 1,437 |
| Fee and commission income | 2 | 820 | 930 | 414 | 577 |
| Net trading income | 2 | 1,667 | 2,124 | 773 | 1,371 |
| Net operating lease income | 2 | 922 | 881 | 24 | 14 |
| Share of net (losses)/profits of associates and joint ventures accounted for using the equity method | 2 | (19) | 22 | - | - |
| Other operating income and charges | 2 | 261 | (486) | 785 | 2,800 |
| Net operating income |  | 5,821 | 5,643 | 3,782 | 6,199 |
| Employment expenses | 2 | $(1,487)$ | $(1,428)$ | $(1,105)$ | $(1,039)$ |
| Brokerage, commission and trading-related expenses | 2 | (626) | (640) | (427) | (440) |
| Occupancy expenses | 2 | (118) | (112) | (87) | (84) |
| Non-salary technology expenses | 2 | (158) | (151) | (123) | (120) |
| Other operating expenses | 2 | $(1,699)$ | $(1,576)$ | $(1,319)$ | $(1,221)$ |
| Total operating expenses |  | $(4,088)$ | $(3,907)$ | $(3,061)$ | $(2,904)$ |
| Operating profit from continuing operations before income tax |  | 1,733 | 1,736 | 721 | 3,295 |
| Income tax expense | 4 | (509) | (681) | (73) | (276) |
| Profit from continuing operations (net of income tax) |  | 1,224 | 1,055 | 648 | 3,019 |
| Profit from discontinued operations (net of income tax) | 43 | - | 1,040 | - | 641 |
| Profit from continuing operations and discontinued operations after income tax |  | 1,224 | 2,095 | 648 | 3,660 |

(Profit)/loss attributable to non-controlling interests:

| Macquarie Income Preferred Securities | 5 | - | (1) | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Other non-controlling interests |  | 12 | 12 | - | - |
| Loss attributable to non-controlling interests |  | 12 | 11 | - | - |
| Profit attributable to equity holders of Macquarie Bank Limited |  | 1,236 | 2,106 | 648 | 3,660 |
| Distributions paid or provided for on: |  |  |  |  |  |
| Macquarie Income Securities | 5 | (15) | (16) | - | - |
| Convertible debentures | 5 | - | - | - | (1) |
| Profit attributable to ordinary equity holders of Macquarie Bank |  |  |  |  |  |
| From continuing operations |  | 1,221 | 1,050 | 648 | 3,018 |
| From discontinued operations | 43 | - | 1,040 | - | 641 |

The above income statements should be read in conjunction with the accompanying notes
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## STATEMENTS OF COMPREHENSIVE INCOME

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

|  | Notes | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Profit from continuing operations and discontinued operations after income tax |  | 1,224 | 2,095 | 648 | 3,660 |
| Other comprehensive income/(expense): |  |  |  |  |  |
| Movements in items that may be subsequently reclassified to profit or loss: |  |  |  |  |  |
| Available for sale investments, net of tax | 28 |  |  |  |  |
| Revaluation gains/(losses) taken to equity |  | 11 | 38 | 36 | (23) |
| Impairment transferred to income statement |  | 22 | 23 | 20 | 15 |
| Realisation from sale transferred to income statement |  | (29) | (20) | (26) | 5 |
| Cash flow hedges, revaluation gains/(losses) taken to equity, net of tax | 28 | 16 | (34) | (12) | (14) |
| Share of other comprehensive expense of associates and joint ventures, net of tax | 28 | (1) | - | - | - |
| Exchange differences on translation of foreign operations, net of hedge and tax |  | (129) | (123) | 3 | 5 |
| Movements in items that will not be reclassified to profit or loss: |  |  |  |  |  |
| Fair value changes attributable to own credit risk on financial liabilities designated at fair value through profit or loss, net of tax | 28 | (30) | - | (30) | - |
| Total other comprehensive expense |  | (140) | (116) | (9) | (12) |
| Total comprehensive income |  | 1,084 | 1,979 | 639 | 3,648 |
| Total comprehensive (income)/expense attributable to non-controlling interests: |  |  |  |  |  |
| Macquarie Income Preferred Securities holders |  | - | (5) | - | - |
| Other non-controlling interests |  | 12 | 12 | - | - |
| Total comprehensive expense attributable to non-controlling interests |  | 12 | 7 | - | - |
| Total comprehensive income attributable to: |  |  |  |  |  |
| Macquarie Income Securities holders |  | (15) | (16) | - | - |
| Convertible debenture holders |  | - | - | - | (1) |
| Total comprehensive income attributable to ordinary equity holders of Macquarie Bank Limited |  | 1,081 | 1,970 | 639 | 3,647 |

The above statements of comprehensive income should be read in conjunction with the accompanying notes.

## STATEMENTS OF FINANCIAL POSITION <br> AS AT 31 MARCH 2017

|  | Notes | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Assets |  |  |  |  |  |
| Receivables from financial institutions | 6 | 25,565 | 30,956 | 23,907 | 28,295 |
| Trading portfolio assets | 7 | 26,637 | 23,062 | 20,609 | 18,156 |
| Derivative assets |  | 12,067 | 17,962 | 10,788 | 15,137 |
| Investment securities available for sale | 8 | 5,182 | 9,008 | 4,801 | 8,494 |
| Other assets | 9 | 8,646 | 6,918 | 5,179 | 4,338 |
| Loan assets held at amortised cost | 10 | 75,550 | 78,913 | 52,680 | 56,953 |
| Other financial assets at fair value through profit or loss | 12 | 760 | 1,057 | 594 | 1,005 |
| Due from related body corporate entities |  | 1,733 | 1,610 | 1,535 | 1,032 |
| Due from subsidiaries | 30 | - | - | 31,071 | 30,348 |
| Property, plant and equipment | 13 | 10,743 | 11,304 | 568 | 374 |
| Interests in associates and joint ventures accounted for using the equity method | 14 | 203 | 426 | 53 | 72 |
| Intangible assets | 15 | 193 | 224 | 104 | 142 |
| Investments in subsidiaries | 16 | - | - | 9,331 | 7,629 |
| Deferred tax assets | 18 | 162 | 169 | 319 | 279 |
| Total assets |  | 167,441 | 181,609 | 161,539 | 172,254 |
| Liabilities |  |  |  |  |  |
| Trading portfolio liabilities | 19 | 4,922 | 4,794 | 5,143 | 4,824 |
| Derivative liabilities |  | 11,101 | 14,713 | 10,280 | 13,474 |
| Deposits | 20 | 57,682 | 52,228 | 56,298 | 50,952 |
| Other liabilities | 21 | 9,375 | 7,121 | 6,216 | 4,618 |
| Payables to financial institutions | 22 | 14,236 | 20,555 | 11,212 | 17,468 |
| Due to related body corporate entities | 30 | 7,367 | 7,555 | 5,959 | 5,910 |
| Due to subsidiaries | 30 | - | - | 17,480 | 15,312 |
| Debt issued at amortised cost | 23 | 43,137 | 55,142 | 29,691 | 40,242 |
| Other financial liabilities at fair value through profit or loss | 24 | 1,934 | 2,307 | 3,921 | 4,062 |
| Deferred tax liabilities | 18 | 484 | 406 | 131 | 138 |
| Total liabilities excluding loan capital |  | 150,238 | 164,821 | 146,331 | 157,000 |
| Loan capital | 26 | 4,615 | 4,078 | 4,615 | 4,078 |
| Total liabilities |  | 154,853 | 168,899 | 150,946 | 161,078 |
| Net assets |  | 12,588 | 12,710 | 10,593 | 11,176 |
| Equity |  |  |  |  |  |
| Contributed equity | 27 | 9,911 | 9,882 | 9,812 | 9,808 |
| Reserves | 28 | 373 | 483 | 45 | 24 |
| Retained earnings | 28 | 2,296 | 2,333 | 736 | 1,344 |
| Total capital and reserves attributable to equity holders of Macquarie Bank Limited |  | 12,580 | 12,698 | 10,593 | 11,176 |
| Non-controlling interests | 28 | 8 | 12 | - | - |
| Total equity |  | 12,588 | 12,710 | 10,593 | 11,176 |

[^3]income Statements
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## STATEMENTS OF CHANGES IN EQUITY

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

|  |  | Contributed equity | Reserves | Retained earnings | Total | Non- <br> controlling interests | Total equity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Notes | \$m | \$m | \$m | \$m | \$m | \$m |
|  |  |  |  |  |  |  | IDATED |
| Balance as at 1 April 2015 |  | 9,082 | 603 | 1,831 | 11,516 | 83 | 11,599 |


| Profit from continuing operations and discontinued operations after income tax | - | - | 2,106 | 2,106 | (11) | 2,095 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other comprehensive (expense)/income, net of tax | - | (120) | - | (120) | 4 | (116) |
| Total comprehensive (expense)/income | - | (120) | 2,106 | 1,986 | (7) | 1,979 |


| Transactions with equity holders: <br> Contribution of ordinary equity, net <br> of transaction costs <br> Dividends and distributions paid or <br> provided for |
| :--- |

Non-controlling interests:

| Change in non-controlling ownership interests | 28 | - | - | (8) | (8) | (63) | (71) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distributions paid or provided for |  | - | - | - | - | (1) | (1) |
|  |  | 800 | - | $(1,604)$ | (804) | (64) | (868) |
| Balance as at 31 March 2016 |  | 9,882 | 483 | 2,333 | 12,698 | 12 | 2,710 |


| Profit from continuing operations and discontinued operations after income tax | - | - | 1,236 | 1,236 | (12) | 1,224 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other comprehensive expense, net of tax | - | (110) | (30) | (140) |  | (140) |
| Total comprehensive (expense)/income | - | (110) | 1,206 | 1,096 | (12) | 1,084 |

Transactions with equity holders:
Dividends and distributions paid or provided for
Change in non-controlling
ownership interests

| ownership interests | 28 | - | - | (2) | (2) | 9 | 7 |
| :--- | :--- | :--- | :--- | :--- | ---: | ---: | ---: |
| Distributions paid or provided for |  | - | - | - | - | (1) | (1) |

Other equity movements:

| Contribution from ultimate parent <br> entity in relation to share-based <br> payments | 27 | 29 | - | - | 29 | - |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 29 | - | $(1,243)$ | $(1,214)$ | 8 | $(1,206)$ |
| Balance as at 31 March 2017 | 9,911 | 373 | 2,296 | 12,580 | 8 | 12,588 |

## STATEMENTS OF CHANGES IN EQUITY

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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The above statements of changes in equity should be read in conjunction with the accompanying notes.

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## STATEMENTS OF CASH FLOWS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

|  | Notes | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2017 | 2016 | 2017 | 2016 |
|  |  | \$m | \$m | \$m | \$m |
| Cash flows (used in)/from operating activities |  |  |  |  |  |
| Interest and similar income received |  | 4,835 | 5,062 | 4,316 | 4,090 |
| Interest expense and similar charges paid |  | $(2,558)$ | $(2,842)$ | $(2,447)$ | $(2,602)$ |
| Dividends and distributions received |  | 14 | 53 | 745 | 840 |
| Fees and other non-interest income received |  | 869 | 890 | 726 | 924 |
| Fees and commissions paid |  | (662) | (620) | (457) | (423) |
| Operating lease income received |  | 1,627 | 1,575 | 59 | 35 |
| Net proceeds from/(payments for) trading porffolio assets and other financial assets/liabilities |  | 4,069 | $(2,157)$ | 3,805 | $(2,856)$ |
| Payments to suppliers |  | $(1,756)$ | $(1,554)$ | $(1,504)$ | $(1,393)$ |
| Employment expenses paid |  | $(1,297)$ | $(1,470)$ | $(1,091)$ | $(1,171)$ |
| Income tax paid |  | (176) | (565) | (98) | (112) |
| Life investment linked contract premiums received, disposal of investment assets and other unitholder contributions |  | 1,181 | 1,016 | _ | - |
| Life investment linked contract payments, acquisition of investment assets and unitholder redemptions |  | $(1,077)$ | (970) | - | - |
| Net loan assets realised/(granted) |  | 318 | $(1,080)$ | 4,310 | $(9,279)$ |
| Net margin money (paid)/received |  | $(1,113)$ | 295 | (213) | 570 |
| Net movement in payables to other financial institutions, deposits and other borrowings |  | $(9,774)$ | 15,021 | $(8,612)$ | 15,577 |
| Net payments for assets under operating lease |  | (301) | (694) | (245) | - |
| Net cash flows (used in)/from operating activities | 29 | $(5,801)$ | 11,960 | (706) | 4,200 |
| Cash flows from/(used in) investing activities |  |  |  |  |  |
| Net proceeds from/(payments for) investment securities available for sale |  | 2,547 | $(2,549)$ | 2,415 | $(2,881)$ |
| Proceeds from the disposal of associates, subsidiaries and businesses, net of cash deconsolidated |  | 1,487 | 1,041 | 386 | 700 |
| Payments for the acquisition of associates, subsidiaries and businesses, net of cash acquired |  | (152) | $(12,427)$ | $(2,178)$ | $(4,203)$ |
| Proceeds from the disposal of property, plant and equipment and intangible assets |  | - | 26 | - | - |
| Payments for the acquisition of property, plant and equipment and intangible assets |  | (151) | (52) | (29) | (11) |
| Net cash flows from/(used in) investing activities |  | 3,731 | $(13,961)$ | 594 | $(6,395)$ |
| Cash flows (used in)/from financing activities |  |  |  |  |  |
| Proceeds from the issue of ordinary shares |  | - | 800 | - | 800 |
| Proceeds from the issue of loan capital |  | 980 | 963 | 980 | 956 |
| Payments on redemption of loan capital |  | (221) | (178) | (221) | (87) |
| Proceeds from/(payments to) non-controlling interests |  | 6 | (70) | - | - |
| Dividends and distributions paid |  | $(1,241)$ | $(1,467)$ | $(1,226)$ | $(1,453)$ |
| Net cash flows (used in)/from financing activities |  | (476) | 48 | (467) | 216 |
| Net decrease in cash and cash equivalents |  | $(2,546)$ | $(1,953)$ | (579) | $(1,979)$ |
| Cash and cash equivalents at the beginning of the financial year |  | 12,710 | 14,663 | 8,701 | 10,680 |
| Cash and cash equivalents at the end of the financial year | 29 | 10,164 | 12,710 | 8,122 | 8.701 |

The above statements of cash flows should be read in conjunction with the accompanying notes.

## NOTE 1

## Summary of significant accounting policies

## (i) Basis of preparation

The principal accounting policies adopted in the preparation of this Financial Report and that of the previous financial year are set out below. These policies have been consistently applied to all the financial years presented, unless otherwise stated.
This Financial Report is a General Purpose Financial Report which has been prepared in accordance with Australian Accounting Standards and the Corporations Act 2001 (Cth). Macquarie Bank is a for-profit entity for the purpose of preparing the financial statements.

## Compliance with IFRS as issued by the IASB

Compliance with Australian Accounting Standards ensures that the Financial Report complies with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB). Consequently, this Financial Report has also been prepared in accordance with and complies with IFRS as issued by the IASB.

## Historical cost convention

This Financial Report has been prepared under the historical cost convention, as modified by the revaluation of investment securities available for sale and certain assets and liabilities (including derivative instruments) at fair value.
Critical accounting estimates and significant judgements
The preparation of the Financial Report in conformity with Australian Accounting Standards requires the use of certain critical accounting estimates. It also requires management to exercise judgement in the process of applying the accounting policies. The notes to the financial statements set out areas involving a higher degree of judgement or complexity, or areas where assumptions are significant to Macquarie Bank Limited and its subsidiaries (Consolidated Entity) and the consolidated
Financial Report such as:

- fair value of financial assets and financial liabilities including accounting for day 1 profit or loss (Note 38)
- impairment of loan assets held at amortised cost, investment securities available for sale, interests in associates and joint ventures and assets under operating lease (Notes 1 (xiii), 1 (xv), 1 (xvii), $8,10,13,14,16$ )
- distinguishing between whether assets or a business is acquired or disposed (Note 1(iii))
- determination of control of subsidiaries and structured entities (Notes 1 (ii) and 35)
- determination of significant influence over associates (Note 1(ii))
- recoverability of deferred tax assets and measurement of current and deferred tax liabilities (Notes 1 (vii), 4 and 18)
- the impairment of goodwill and other identifiable intangible assets with indefinite useful lives (Notes 1 (xviii) and 15), and
- recognition and measurement of supplemental income, maintenance liabilities and end of lease compensation (Note 1(xx), 9 and 21).
Estimates and judgements are continually evaluated and are based on historical experience and other factors, including reasonable expectations of future events.
Management believes the estimates used in preparing the Financial Report are reasonable. Actual results in the future may differ from those reported and therefore it is reasonably possible,
on the basis of existing knowledge, that outcomes within the next financial year that are different from Management's assumptions and estimates could require an adjustment to the carrying amounts of the assets and liabilities reported.

New Australian Accounting Standards and amendments to Accounting Standards that are effective in the current financial year
AASB 2015-5 Amendments to Australian Accounting Standards - Investment Entities: Applying the Consolidation Exception
AASB 2015-5 introduces a choice in application of the equity method by a non-investment entity investor to an investment entity investee. When a non-investment entity investor applies the equity method to an investment entity associate or joint venture, the investor may retain the fair value measurement applied by the investment entity associate or joint venture to its interests in subsidiaries, or reverse the fair value measurement to conform to the accounting policies of the investor.
AASB 2015-5 is required to be retrospectively applied.
Application in the current year did not have a material impact on the financial position or performance of the Consolidated Entity.
New Australian Accounting Standards and amendments to Accounting Standards that are not yet effective

## AASB 9 Financial Instruments

AASB 9 Financial Instruments will replace AASB 139 Financial Instruments: Recognition and Measurement with an effective date for Macquarie Bank of 1 April 2018. The new standard results in changes to accounting policies for financial assets and financial liabilities covering classification and measurement, impairment and hedge accounting.

## Classification and Measurement:

## Financial assets

AASB 9 has three classification categories for financial assets; amortised cost, fair value through other comprehensive income (FVTOCI) and fair value through profit or loss (FVTPL). The classification is based on the business model under which the financial instrument is managed and its contractual cash flows. Compared to AASB 139, the FVTOCI and amortised cost categories will be added and held-to-maturity, loans and receivables and available-for-sale classification categories will be removed.
Under AASB 9, financial assets with embedded derivatives are classified in their entirety, without separating any derivative element.
The Consolidated Entity will apply the following policies for the newly adopted classification categories under AASB 9.

## Amortised cost

A financial asset will be measured at amortised cost if both of the following conditions are met:
(i) the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and
(ii) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

## NOTE 1

## Summary of significant accounting policies continued

## FVTOCI

A financial asset will be measured at FVTOCI if both of the following conditions are met:
(i) the financial asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets; and
(ii) the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.
FVTPL
All financial assets that are not measured at amortised cost or FVTOCI will be measured at FVTPL. All financial assets that are equity instruments will be measured at FVTPL unless Macquarie Bank irrevocably elects to present subsequent changes in the fair value in other comprehensive income. Macquarie Bank does not expect to make this election.
The Consolidated Entity may also irrevocably elect to designate a financial asset as measured at FVTPL on initial recognition if doing so eliminates or significantly reduces an accounting mismatch.

## Business model assessment

The Consolidated Entity will determine the business model at the level that reflects how groups of financial assets are managed. In determining the business model, all relevant evidence that is available at the date of the assessment is used including:
(i) how the performance of the business model and the financial assets held within that business model are evaluated and reported to the Consolidated Entity's key management personnel;
(ii) the risks that affect the performance of the business model (and the financial assets held within that business model) and, in particular, the way in which those risks are managed; and
(iii) how managers of the business are compensated (for example, whether the compensation is based on the fair value of the assets managed or on the contractual cash flows collected).

Financial liabilities:
The component of change in fair value of financial liabilities designated at fair value through profit or loss due to Macquarie Bank's own credit risk is presented in other comprehensive income, unless this creates an accounting mismatch. If a mismatch is created or enlarged, all changes in fair value (including the effects of credit risk) are presented in profit or loss. Under AASB 139, this component was recognised in profit or loss.
Impairment:
AASB 9 replaces the incurred loss model of AASB 139 with an expected loss model, resulting in an acceleration of impairment recognition.
The impairment requirements apply to financial assets measured at amortised cost and FVTOCI, lease receivables, amounts receivable from contracts with customers as defined in AASB 15 Revenue from Contracts with Customers, loan commitments, certain letters of credit and financial guarantee contracts.
Under the general model, the Consolidated Entity will apply a three-stage approach to measuring the expected credit loss (ECL) based on credit migration between the stages. Where ECL is modelled collectively for portfolios of exposures, it is modelled
as the product of the probability of default (PD), the loss given default (LGD) and the exposure at default (EAD)
The assessment of credit risk, and the estimation of ECL, will be unbiased and probability-weighted, and incorporate all available information relevant to the assessment, including information about past events, current conditions and reasonable and supportable information about future events and economic conditions at the reporting date.
The impairment allowance is intended to be more forward-looking under AASB 9.
(i) Stage 1-12 month ECL

At initial recognition, ECL is measured as the product of the 12 month PD, LGD and EAD, adjusted for forward-looking information
(ii) Stage 2 - Lifetime ECL not credit-impaired

When there is a significant increase in credit risk (SICR), the ECL is increased to reflect the product of the lifetime PD, LGD and EAD, adjusted for forward-looking information.
(iii) Stage 3 - Lifetime ECL credit-impaired

An ECL is generally measured as the difference between the contractual and expected cash flows from the individual exposure, discounted using the effective interest rate (EIR) for that exposure.
This modelling methodology does not change from AASB 139. For credit-impaired exposures that are modelled collectively, ECL is measured as the product of the lifetime PD, LGD and EAD, adjusted for forward-looking information.
(iv) Purchased or originated credit-impaired

The ECL is measured as the product of the lifetime PD, LGD and EAD adjusted for forward-looking information or by discounting the difference between the contractual and expected cash flows from the individual exposure using the credit-adjusted effective interest rate, with increases and decreases in the measured ECL from the date of origination or purchase being recognised in profit or loss as an impairment expense or gain
Credit impaired assets generally match the Australian Prudential Regulatory Authority (APRA) definition of default which includes exposures that are at least 90 days past due and where the obligor is unlikely to pay without recourse against available collateral.
(v) Simplified model for trade receivables and operating lease receivables
The Consolidated Entity may choose to adopt a simplified model for these exposures which measures ECL under the Stage 2 approach unless the exposures are credit impaired in which case they would be measured under the Stage 3 approach. The Consolidated Entity must apply this simplified model to trade and other receivables that do not contain a significant financing component.
Hedge accounting:
Hedge accounting under AASB 9 is more closely aligned with financial risk management, and may be applied to a greater variety of hedging instruments and risks.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 CONTINUED

## NOTE 1

Summary of significant accounting policies continued Implementation Project:
A project was initiated in 2015 to manage the implementation of AASB 9 while considering all available accounting and regulatory guidance. The project is jointly sponsored by the Chief Risk Officer (CRO) and the Chief Financial Officer (CFO). A steering committee has been established that is responsible for governance of the project and includes senior executives from the Financial Management Group, Risk Management Group and Corporate Operations Group.
The key responsibilities of the steering committee include setting scope and milestones for the project, ensuring proper resourcing, setting accounting policy, making key project decisions and communicating the impact of the project.
The classification and measurement stream has defined the significant business models and cash flow characteristics for all financial assets under the scope of AASB 9.
The Consolidated Entity does not expect to irrevocably elect to present subsequent changes in the fair value of equity instruments in OCl, which means that investment securities available for sale - equity instruments will be classified at FVTPL upon adoption of AASB 9.
The combined application of the contractual cash flow characteristics and business model tests to balances that existed as at 31 March 2017 will result in an increase in financial assets measured at fair value, if the standard was adopted as at 31 March 2017. This measurement change is not expected to result in a material change to equity. This assessment and the transition adjustment to retained earnings is subject to the composition of financial assets held at the date of transition.
The impairment stream of the project is continuing to focus on the design and development of the ECL impairment model components for PD, LGD, EAD and SICR, including incorporating forward-looking information. The models are being developed for retail and wholesale exposures separately which reflects the way the Consolidated Entity manages credit risk.
The impairment stream is also focused on defining the operational requirements for the calculation of ECL and the design of the technology solution for tracking credit migration and calculating ECL.
Until the models have been developed and tested, the
Consolidated Entity is unable to provide a quantitative impact of the adoption of the standard, however, based on estimates on 31 March 2017 balances, the adoption is not expected to result in a material change to equity.
The hedging stream is currently focused on amending the hedge documentation and policies to be applied on transition. The adoption of the hedge accounting requirements is not expected to have a material impact when compared to AASB 139.
Transition:
The Consolidated Entity will not early adopt AASB 9 other than the requirement relating to own credit risk which was adopted prospectively from 1 October 2016 as the retrospective impact was not considered to be material. Fair value movements relating to own credit risk of financial liabilities designated at fair value through profit or loss were previously recognised in the Income Statement and will now be recognised in Other Comprehensive Income.
All other changes in accounting policies from the adoption of the standard will be applied from 1 April 2018 with no restatement of
comparative periods. Differences arising in the carrying value of financial assets and liabilities will be recognised as an adjustment to opening retained earnings and reserves at 1 April 2018.
AASB 15 Revenue from Contracts with Customers
AASB 15 replaces all current guidance on revenue recognition from contracts with customers. It requires identification of discrete performance obligations within a transaction and an associated transaction price allocation to these obligations. Revenue is recognised upon satisfaction of these performance obligations, which occur when control of the goods or services are transferred to the customer. Revenue received for a contract that includes a variable amount is subject to revised conditions for recognition, whereby it must be highly probable that no significant reversal of the variable component may occur when the uncertainties around its measurement are removed.
AASB 15 also specifies the accounting treatment for costs incurred to obtain and fulfil a contract. Incremental costs are recognised as an asset if the entity expects to recover them. Any capitalised contract costs are amortised on a systematic basis that is consistent with the transfer of the related goods and services.
The Consolidated Entity will first apply AASB 15 in the financial year beginning 1 April 2018 and is expected to apply the standard retrospectively, recognising the cumulative effect of initially applying the standard as an adjustment to the opening balance of retained earnings.
AASB 15 specifically excludes financial instruments. As such, the impacted revenue streams are limited to fee-based revenue items.
An assessment has been performed on existing revenue streams. Based on this assessment, it is not expected that Macquarie Bank will be materially impacted. Any transition adjustment to retained earnings is subject to the revenue streams existing at the date of transition.
AASB 16 Leases
AASB 16 replaces the current AASB 117 Leases standard and sets out a comprehensive model for identifying lease arrangements and the subsequent measurement. A contract contains a lease if it conveys the right to control the use of an identified asset for a period of time. The majority of leases from the lessee perspective within the scope of AASB 16 will require the recognition of a 'right-of-use' asset and a related lease liability, being the present value of future lease payments. This will result in an increase in the recognised assets and liabilities in the statement of financial position as well as a change in expense recognition, with interest and depreciation replacing operating lease expense. Accounting for leases from the Consolidated Entity's perspective as lessor remains unchanged under AASB 16.

AASB 16 is effective for the Consolidated Entity for the annual periods beginning on or after 1 April 2019 with the option to early adopt in the financial year beginning 1 April 2018.
The Consolidated Entity will apply the standard retrospectively, recognising the cumulative effect of initially applying the standard as an adjustment to the opening balance of retained earnings. Alternative methods of calculating the 'right-of-use' asset are allowed under AASB 16 which impact the size of the transition adjustment. Macquarie is still evaluating which method to apply.

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## NOTE 1

Summary of significant accounting policies continued
An initial assessment has been performed based on operating leases that exist in the current reporting period. Based on this assessment it is not anticipated that there will be a material impact to the statement of financial position or equity, regardless of the method for calculating the 'right-of-use' asset that is adopted. This assessment is subject to the composition of operating leases at the date of transition. A schedule of current operating lease commitments is disclosed in Note 34.
AASB 2016-5 Amendments to Australian Accounting Standards - Classification and Measurement of Sharebased Payment Transactions
The amendment addresses the accounting for cash-settled share-based payments and equity-settled awards that include a 'net settlement' feature in respect of withholding taxes. The amendment clarifies the measurement basis for cash-settled share-based payments and the accounting for modifications that change an award from cash-settled to equity-settled. It also introduces an exception that will require an award to be treated as if it was wholly equity-settled, where an employer is obliged to withhold an amount for the employee's tax obligation associated with a share-based payment and pay that amount to the tax authority.
The requirements are effective for Macquarie Bank on 1 April 2018. The Consolidated Entity has early adopted this amendment. Retrospective application did not have a material impact on the financial position nor performance of the Consolidated Entity.

## (ii) Principles of consolidation

## Subsidiaries

The consolidated financial report comprises the financial report of the Consolidated Entity. Subsidiaries are all those entities (including structured entities) in relation to which the Consolidated Entity has:
(i) power to direct the relevant activities
(ii) exposure to significant variable returns, and
(iii) the ability to utilise power to affect the Consolidated Entity's own returns.
The determination of control is based on current facts and circumstances and is continuously assessed.
The Consolidated Entity has power over an entity when it has existing substantive rights that give it the current ability to direct the entity's relevant activities. Relevant activities are those activities that significantly affect the entity's returns. The Consolidated Entity evaluates whether it has the power to direct the relevant activities. The Consolidated Entity also considers the entity's purpose and design. If the Consolidated Entity determines that it has power over an entity, the Consolidated Entity then evaluates whether it has exposure or rights to variable returns that, in aggregate, are significant. All variable returns are considered including, but not limited to, debt or equity investments, guarantees, liquidity arrangements, variable fees and certain derivative contracts.

## Structured entities

Structured entities (SEs) are those entities where voting rights do not have a significant effect on its returns, including where voting rights relate to administrative tasks only and contractual arrangements dictate how the entity should carry out its activities. When assessing whether the Consolidated Entity controls (and therefore consolidates) a SE, judgement is required as to whether
the Consolidated Entity has power over the relevant activities as well as exposure to significant variable returns of the SE Where the Consolidated Entity has power over, is exposed to significant variable returns through the residual risk associated with its involvement in SEs and is able to affect its returns, the underlying assets, liabilities, revenues and expenses of these SEs are reported in the consolidated financial statements.

## Consolidation

The effects of all transactions between entities in the Consolidated Entity are eliminated in full. Non-controlling interests ( NCl ) in the results and equity of subsidiaries, where the Consolidated Entity owns less than 100\% of the issued capital, are shown separately in the consolidated income statements, consolidated statements of comprehensive income and consolidated statements of financial position, respectively.
Where control of an entity was obtained during the financial year, its results are included in the consolidated income statements from the date on which control commenced. Where control of an entity ceased during the financial year, its results are included for that part of the financial year during which control existed.
The Consolidated Entity determines the dates of obtaining control (i.e. acquisition date) and losing control (i.e. disposal date) of another entity based on an assessment of all pertinent facts and circumstances that affect the ability to direct the relevant activities and the capacity to influence returns of that entity. Facts and circumstances that have the most impact include the contractual arrangements agreed with the counterparty, the manner in which those arrangements are expected to operate in practice and whether regulatory approval is required to complete. The acquisition or disposal date does not necessarily occur when the transaction is closed or finalised under law.
Subsidiaries held by the Company are carried in its financial statements at cost less impairment in accordance with AASB 127 Separate Financial Statements.

## Interests in associates and joint ventures accounted for

 using the equity methodAssociates and joint ventures are entities over which the Consolidated Entity has significant influence or joint control, but not control, and are accounted for under the equity method except those which are classified as held for sale. The equity method of accounting is applied in the consolidated financial report and involves the recognition of the Consolidated Entity's share of its associates' and joint ventures' post-acquisition profits or loss in the consolidated income statements, and the share of its post-acquisition movements in reserves in the consolidated statements of comprehensive income.
The Consolidated Entity determines the dates of obtaining or losing significant influence or joint control of another entity based on an assessment of all pertinent facts and circumstances that affect the ability to significantly influence or jointly control the financial and operating policies of that entity. Facts and circumstances that have the most impact include the contractual arrangements agreed with the counterparty, the manner in which those arrangements are expected to operate in practice, and whether regulatory approval is required to complete. The acquisition or disposal date does not necessarily occur when the transaction is closed or finalised under law.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 CONTINUED

## NOTE 1

## Summary of significant accounting policies continued

## (iii) Business combinations

Business combinations are accounted for using the acquisition method. Cost is measured as the aggregate of the fair values (at the acquisition date) of assets acquired, equity instruments issued or liabilities incurred or assumed at the date of exchange. Transaction costs arising on the issue of equity instruments are recognised directly in equity, and those arising on borrowings are capitalised and included in interest expense using the effective interest method.
Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured at their fair values on the acquisition date. The Consolidated Entity can elect, on a transaction-by-transaction basis, to measure NCl relating to ordinary shares either at fair value or at the NCI's proportionate share of the fair values of the identifiable assets and liabilities. The excess of the consideration over the Consolidated Entity's share of the fair value of the identifiable net assets acquired is recorded as goodwill. If the consideration is less than the Consolidated Entity's share of the fair value of the identifiable net assets of the business acquired, the difference is recognised directly in the consolidated income statements, but only after a reassessment of the identification and measurement of the net assets acquired. For contingent consideration provided, the amount is subsequently remeasured to its fair value with changes recognised in the consolidated income statement.
Where settlement of any part of cash consideration is deferred, the amounts payable in the future are discounted to their present values as at the date of exchange. The discount rate used is the entity's incremental borrowing rate, being the rate at which a similar borrowing could be obtained from an independent financier under comparable terms and conditions.
Distinguishing between whether assets or a business is acquired involves judgement. Some of the factors that the Consolidated Entity uses in identifying a business combination are:

- the nature of the Consolidated Entity's industry and business model, which affects the nature of an input, process or output
- whether the acquisition included at least a majority of the critical inputs (for example tangible or intangible assets, and intellectual property) and a majority of the critical processes (for example strategic processes, skilled and experienced workforce)
- the relative ease of replacing the critical processes not acquired by either integrating within the Consolidated Entity's existing processes or sub-contracting them to third parties, and
- the presence of goodwill.


## (iv) Segment reporting

Operating segments are identified on the basis of internal reports to senior management about components of the Consolidated Entity that are regularly reviewed by senior management who have been identified as the chief operating decision makers, in order to allocate resources to the segment and to assess its performance. Information reported to senior management for the purposes of resource allocation and assessment of performance is specifically focused on core products and services offered, comprising five reportable segments as disclosed in Note 3. Information about products and services and geographical segments is based on the financial information used to produce the Consolidated Entity's financial statements.

## (v) Foreign currency translation

## Functional and presentation currency

Items included in the financial statements of foreign operations are measured using the currency of the primary economic environment in which the foreign operation operates (the functional currency). The Consolidated Entity's and the Company's financial statements are presented in Australian dollars (the presentation currency), which is also the Company's functional currency.

## Transactions and balances

Foreign currency transactions are recorded in the functional currency using the exchange rates prevailing at the dates of the transactions. Foreign exchange gain and loss resulting from the settlement of such transactions and from the translation at year end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the income statement, except when deferred in other comprehensive income ( OCl ) as a result of meeting cash flow hedge or net investment hedge accounting requirements (see Note 1(xii)).
Translation differences on non-monetary items (such as equities) held at fair value through profit or loss, are reported as part of the fair value gain or loss in the income statement. Translation differences on non-monetary items classified as available for sale financial assets are included in the available for sale reserve in equity, unless they form part of fair value hedge relationships in which case the translation differences are recognised in the income statement (see Note 1(xii)).

## Subsidiaries and other entities

The results and financial position of all foreign operations that have a functional currency other than Australian dollars are translated into Australian dollars as follows:

- assets and liabilities for each statement of financial position presented are translated at the closing exchange rate at the date of that statement of financial position
- income and expenses for each income statement are translated at actual exchange rates at the dates of the transactions, and
- all resulting exchange differences are recognised in OCl within a separate component of equity, being the foreign currency translation reserve.
On consolidation, exchange differences arising from the translation of any net investment in foreign operations and of borrowings and other foreign currency instruments designated as hedges of such investments, are taken to the foreign currency translation reserve through OCI . When a foreign operation is disposed of or any borrowings forming part of the net investment are repaid, such exchange differences are recognised in the income statement as part of the gain or loss on disposal.
Goodwill and fair value adjustments arising on the acquisition of a foreign entity are treated as assets and liabilities of the foreign entity and translated at the closing rate.


## (vi) Revenue and expense recognition

Revenue is measured at the fair value of the consideration received or receivable. Revenue is recognised for each major revenue stream as follows:
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## NOTE 1

Summary of significant accounting policies continued

## Net interest income

Interest income is brought to account using the effective interest method. The effective interest method calculates the amortised cost of a financial instrument and allocates the interest income or interest expense over the relevant period. The effective interest rate is the rate that discounts estimated future cash receipts or payments through the expected life of the financial instrument or, when appropriate, a shorter period, to the net carrying amount of the financial asset or liability. Fees and transaction costs associated with loans are capitalised and included in the effective interest rate and recognised in the income statement over the expected life of the instrument. Interest income on finance leases is brought to account progressively over the life of the lease consistent with the outstanding investment balance

## Fee and commission income

Fee and commission income includes fees from fund management, brokerage, account servicing, underwriting and securitisation arrangements and is recognised as the related services are performed. Where commissions and fees are subject to clawback or meeting certain performance hurdles, they are recognised as income when it is highly probable those conditions will not affect the outcome.
Fee and commission income and expenses that are integral to the effective interest rate on a financial asset or liability are capitalised and included in the effective interest rate and recognised in the income statement over the expected life of the instrument.

## Net trading income

Net trading income comprises gains and losses related to trading assets and liabilities and include all realised and unrealised fair value changes, dividends and foreign exchange differences.

## Net operating lease income

Operating lease income is recognised on a straight-line basis over the lease term. It comprises operating lease income and supplemental rent and is presented net of depreciation expense.

## Dividends and distributions

Dividends and distributions are recognised as income when the Consolidated Entity becomes entitled to the dividend or distribution. Dividends from subsidiaries, associates and joint ventures are recognised in the income statement when the Company's right to receive the dividend is established.

## (vii) Taxation

The principles of the balance sheet method of tax effect accounting have been adopted whereby the income tax expense for the financial year is the tax payable on the current year's taxable income adjusted for changes in deferred tax assets and liabilities attributable to temporary differences between the tax bases of assets and liabilities and their carrying amounts in the financial statements and unused tax losses
Deferred tax assets are recognised when temporary differences arise between the tax bases of assets and liabilities and their respective carrying amounts which give rise to a future tax benefit, or when a benefit arises due to unused tax losses. In both cases, deferred tax assets are recognised only to the extent that it is probable that future taxable amounts will be available to utilise those temporary differences or tax losses. Deferred tax liabilities are recognised when such temporary differences will
give rise to taxable amounts that are payable in future periods Deferred tax assets and liabilities are recognised at the tax rates expected to apply when the assets are recovered or the liabilities are settled under enacted or substantively enacted tax law.
Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets and liabilities and when the deferred tax balances relate to the same taxation authority. Current tax assets and liabilities are offset when there is a legally enforceable right to offset and an intention to either settle on a net basis, or realise the asset and settle the liability simultaneously. Current and deferred taxes attributable to amounts recognised directly in equity are also recognised directly in equity.
The Consolidated Entity and the Company exercise judgement in determining whether deferred tax assets, particularly in relation to tax losses, are probable of recovery. Factors considered include the ability to offset tax losses within the tax consolidated group in Australia or groups of entities in overseas jurisdictions, the nature of the tax loss, the length of time that tax losses are eligible for carry forward to offset against future taxable profits and whether future taxable profits are expected to be sufficient to allow recovery of deferred tax assets.
The Consolidated Entity undertakes transactions in the ordinary course of business where the income tax treatment requires the exercise of judgement. The Consolidated Entity estimates the amount expected to be paid to/(recovered from) tax authorities based on its understanding of the law.

## Tax consolidation

The Consolidated Entity's Australian tax liabilities are determined according to tax consolidation legislation. All eligible Australian resident wholly-owned subsidiaries of Macquarie Group comprise a tax consolidated group with MGL as the head entity. As a consequence, the Company and the relevant subsidiaries are not liable to make income tax payments and do not recognise any current tax balances or any deferred tax assets arising from unused tax losses. Under the terms and conditions of a tax funding agreement, MGL charges each subsidiary for all current tax liabilities incurred in respect of their activities and reimburses each subsidiary for any tax assets arising from unused tax losses.
Should MGL be in default of its tax payment obligations, or a default is probable, the current tax balances of the subsidiaries will be determined in accordance with the terms and conditions of a tax sharing agreement between MGL and entities in the tax consolidated group.

## Goods and services tax (GST)

Items in the profit or loss and amounts capitalised to the statement of financial position as assets are recognised net of GST (or other value-added tax), except where the tax incurred is not recoverable from the taxation authority. In these circumstances, the tax is recognised as part of the expense or included in the cost of the asset.
Receivables and payables are inclusive of GST. Cash flows are presented on a gross basis in the statement of cash flows.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 CONTINUED

NOTE 1
Summary of significant accounting policies continued
(viii) Cash collateral on securities borrowed/lent and reverse repurchase/repurchase agreements
As part of its trading activities, the Consolidated Entity borrows and lends securities on a collateralised basis. The securities subject to the borrowing or lending are not derecognised from the statements of financial position of the relevant parties, as the risks and rewards of ownership remain with the initial holder Where cash is provided as collateral, the cash paid to third parties on securities borrowed is recorded as a receivable, while cash received from third parties on securities lent is recorded as a borrowing.
Reverse repurchase transactions, where the Consolidated Entity purchases securities under an agreement to resell, and repurchase transactions, where the Consolidated Entity sells securities under an agreement to repurchase, are also conducted on a collateralised basis. The securities subject to the reverse repurchase and repurchase agreements are not derecognised from the statements of financial position of the relevant parties, as the risks and rewards of ownership remain with the initial holder. Where cash is provided as collateral, the cash paid to third parties on the reverse repurchase agreement is recorded as a receivable, while cash received from third parties on the repurchase agreement is recorded as a borrowing.
Cash provided as collateral on securities borrowed or on the reverse repurchase agreement is included in receivables from financial institution or other assets based on the counterparty, while cash received from third parties on securities lent or repurchase agreement is included in payables to financial institutions or other liabilities based on the counterparty.
The Consolidated Entity continually reviews the fair values of the securities on which the above transactions are based and, where appropriate, requests or provides additional collateral to support the transactions, in accordance with the underlying agreements.

## (ix) Recognition and derecognition of financial instruments

Financial instruments are recognised when the Consolidated Entity becomes a party to the contractual provisions of the instrument. Specific policies are provided for the various financial instrument categories below.
Financial assets are derecognised from the statement of financial position when the rights to cash flows have expired (for example because the borrower repays its obligations), the loan is sold and substantially all the risks and rewards of ownership are transferred.
Financial liabilities are derecognised from the statement of financial position when the Consolidated Entity's obligation has been discharged, cancelled or has expired.
Where an existing financial instrument is replaced by another with the same counterparty on substantially different terms, or the terms of an existing instrument are substantially modified, the exchange or modification is treated as a derecognition of the original instrument and the recognition of a new instrument, with the difference in the respective carrying amounts recognised in the income statement.

## (x) Trading portfolio assets and liabilities

Trading portfolio assets (long positions) comprise debt and equity securities, bank bills, treasury notes, bullion and commodities purchased with the intent of being actively traded. Trading
portfolio liabilities (short positions) comprise obligations to deliver assets across the same trading categories, which the Consolidated Entity has short-sold with the intent of being actively traded.
Assets and liabilities included in the trading portfolio are carried at fair value (see Note 38). Commodities are measured at fair value less costs to sell, in accordance with the broker-trader exception Realised and unrealised gains and losses arising from changes in the fair value of the trading portfolio are recognised as net trading income in the income statement in the period in which they arise. Dividend income or expense on the trading portfolio is recognised in the income statement as net trading income.

The Consolidated Entity uses trade date accounting when recording regular way purchases and sales of trading portfolio financial assets. At the date a purchase transaction is entered into (trade date), the Consolidated Entity recognises the resulting financial asset and any subsequent unrealised profit or loss arising from revaluing that contract to fair value is recognised in the income statement. When the Consolidated Entity becomes party to a sale contract of a financial asset, and the derecognition criteria are met, it derecognises the asset and recognises a trade receivable from trade date until settlement date. The same trade date accounting applies for available for sale financial instruments and financial instruments designated at fair value through profit or loss.
The Consolidated Entity uses trade date accounting when accounting for purchases and sales of trading portfolio financial liabilities

## (xi) Derivative instruments

Derivative instruments entered into by the Consolidated Entity include futures, forwards and forward rate agreements, swaps and options in the interest rate, foreign exchange, commodity and equity markets. These derivative instruments are principally used for the risk management of existing financial assets and financial liabilities.

All derivatives, including those used for statement of financial position hedging purposes, are recognised in the statement of financial position and are disclosed as an asset where they have a positive fair value at balance date or as a liability where the fair value at balance date is negative.
Derivatives are initially recognised at fair value on the date a derivative contract is entered into and subsequently re-measured to their fair value. Fair values are obtained from quoted market prices in active markets including recent market transactions, and valuation techniques including discounted cash flow models and option pricing models, as appropriate. Movements in the fair values of derivatives are recognised in the income statement in net trading income, unless the derivative meets the requirements for hedge accounting
The best evidence of a derivative's fair value at initial recognition is its transaction price, unless its fair value is evidenced by comparison with other observable current market transactions in the same instrument, or based on a valuation technique for which variables include only data from observable markets. Where such alternative evidence exists, the Consolidated Entity recognises profit or loss immediately when the derivative is recognised ('day 1 profit or loss'). When significant unobservable inputs are used to determine fair value, the day 1 profit or loss is deferred and is recognised in the income statement over the life of the transaction or when the inputs become observable

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## NOTE 1

Summary of significant accounting policies continued

## (xii) Hedge accounting

The Consolidated Entity designates certain derivatives or financial instruments as hedging instruments in qualifying hedge relationships. On initial designation of the hedge, the Consolidated Entity documents the hedge relationship between hedging instruments and hedged items, as well as its risk management objectives and strategies. The Consolidated Entity also documents its assessment, both at hedge inception and on an ongoing basis, of whether hedging relationships have been and will continue to be highly effective. Derivatives or financial instruments can be designated in one of three types of hedge relationships.

## Cash flow hedges

For a derivative or financial instrument designated as hedging the variability in cash flows attributable to a particular risk associated with a recognised asset or liability (or a highly probable forecast transaction), the gain or loss on the derivative or financial instrument associated with the effective portion of the hedge is initially recognised in OCl in the cash flow hedging reserve and subsequently released to the income statement when the hedged item affects the income statement. The gain or loss relating to the ineffective portion of the hedge is recognised immediately in the income statement.

## Fair value hedges

For a derivative or financial instrument designated as hedging the change in fair value of a recognised asset or liability (or an unrecognised firm commitment), the gain or loss on the derivative or financial instrument is recognised in the income statement immediately, together with the loss or gain on the hedged asset or liability that is attributable to the hedged risk.

## Net investment hedges

For a derivative or borrowing designated as hedging a net investment in a foreign operation, the gain or loss on revaluing the derivative or borrowing associated with the effective portion of the hedge is recognised in the foreign currency translation reserve and subsequently released to the income statement when the foreign operation is disposed of. The ineffective portion is recognised in the income statement immediately.
The fair values of various financial instruments used for hedging purposes are disclosed in Note 38 - Fair value of financial assets and financial liabilities. Movements in the cash flow hedging reserve in equity are shown in Note 28 - Reserves, retained earnings and non-controlling interests.
(xiii) Investments and other financial assets

With the exception of trading portfolio assets and derivatives, which are classified separately in the statement of financial position, the remaining investments in financial assets are classified into the following categories: loans and receivables, other financial assets at fair value through profit or loss and investment securities available for sale. The classification depends on the purpose for which the financial asset was acquired, which is determined at initial recognition and, except for other financial assets at fair value through profit or loss, is re-evaluated at each balance date.

## Loans and receivables

This category includes loan assets held at amortised cost and amounts due from subsidiaries, which are non derivative financial assets with fixed or determinable payments that are not quoted in
an active market. Loans and receivables are recognised on settlement date, when cash is advanced to the borrower.
Other financial assets at fair value through profit or loss
This category includes only those financial assets which have been designated by management as held at fair value through profit or loss on initial recognition.
Management may elect to designate a financial asset as such if:

- the asset contains embedded derivatives which must otherwise be separated and carried at fair value
- it is part of a group of financial assets and financial liabilities managed and evaluated on a fair value basis in accordance with a documented risk management or investment strategy, and reporting is provided on that basis to key management personnel, or
- doing so eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise.
Interest income on debt securities designated as at fair value through profit or loss is recognised in the income statement in interest income using the effective interest method as disclosed in Note 1(vi).


## Investment securities available for sale

Investment securities in this category are available for sale and may be sold should the need arise, including for purposes of liquidity, or due to the impacts of changes in interest rates, foreign exchange rates or equity prices.
Investment securities available for sale are initially carried at fair value plus transaction costs. Gains and losses arising from subsequent changes in fair values are recognised directly in the available for sale reserve in equity until the asset is derecognised or impaired, at which time the cumulative gain or loss is recognised in the income statement. Fair values of quoted investments in active markets are based on current bid prices.
If the relevant market is not considered active (or the securities are unlisted), fair value is established by valuation techniques, including recent arm's length transactions, discounted cash flow analysis and other valuation techniques commonly used by market participants.
Interest income on debt securities available for sale is recognised in the income statement in interest income using the effective interest method as disclosed in Note 1 (vi).
Dividends from equity securities available for sale are recognised in the income statement when the Consolidated Entity becomes entitled to the dividend or distribution as disclosed in Note 1(vi).

## (xiv) Non-current assets and disposal groups classified as held for sale

This category includes interests in businesses, subsidiaries and associates and joint ventures for which their carrying amount will be recovered principally through a sale or distribution transaction rather than continuing use, and subsidiaries held exclusively with a view to sale or distribute. These assets and disposal groups are classified as held for sale when it is highly probable that the asset will be sold or distributed within 12 months subsequent to being classified as such.
Where there is a planned partial disposal of a subsidiary resulting in loss of control, all of the assets and liabilities of the subsidiary are classified as held for sale.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 continued

## NOTE 1

Summary of significant accounting policies continued
Non-current assets and assets of disposal groups classified as held for sale are measured at the lower of their carrying amount and fair value less costs to sell. These assets are not depreciated.
An impairment loss is recognised for any initial or subsequent write down of the asset to fair value less costs to sell. A gain is recognised for any subsequent increase in fair value less costs to sell, limited by the cumulative impairment loss previously recognised. A gain or loss not previously recognised by the date of sale is recognised at the date of sale.

## (xv) Impairment

## Loan assets held at amortised cost

Loan assets are subject to regular review and assessment for possible impairment. Provisions for impairment on loan assets are recognised based on an incurred loss model and re-assessed at each balance date. A provision for impairment is recognised when there is objective evidence of impairment, and is calculated based on the present value of expected future cash flows, discounted using the original effective interest rate.
Individually assessed provisions for impairment are recognised where impairment of individual loans are identified. Where individual loans are found not to be impaired, they are placed into pools of assets with similar risk profiles and collectively assessed for losses that have been incurred but are not yet specifically identifiable.
The Consolidated Entity makes judgements as to whether there is any observable data indicating that there is a significant decrease in the estimated future cash flows from a portfolio of loans before the decrease can be identified with an individual loan in that portfolio. This evidence may include observable data indicating that there has been an adverse change in the payment status of the borrowers in a group, or national or local economic conditions that correlate with defaults on assets in the group. Management uses estimates based on historical loss experience for assets with credit risk characteristics and objective evidence of impairment similar to those in the portfolio when scheduling its future cash flows. The methodology and assumptions used for estimating both the amount and timing of future cash flows are reviewed regularly to reduce any differences between loss estimates and actual loss experience.
Changes in assumptions used for estimating future cash flows could result in a change in the estimated provisions for impairment on loan assets at the end of a reporting period.
If, in a subsequent period, the amount of impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment loss was recognised, the previously recognised impairment loss is reversed through the income statement to the extent of what the amortised cost would have been had the impairment not been recognised.
When the Consolidated Entity concludes that there is no reasonable expectation of recovering cash flows from the loan asset and all possible collateral has been realised, the loan is written off, either partially or in full, against the related provision. Recoveries of loans previously written off are recorded based on the cash received.

## Investment securities available for sale

The Consolidated Entity performs an assessment at each balance date to determine whether there is any objective evidence that available for sale financial assets have been
impaired. Impairment exists if there is objective evidence of impairment as a result of one or more events (loss event) which have an impact on the estimated future cash flows of the financial asset that can be reliably estimated.
For equity securities classified as available for sale, the main indicators of impairment are: significant changes in the market, economic or legal environment and a significant or prolonged decline in fair value below cost. In making this judgement, the Consolidated Entity evaluates, among other factors, the normal volatility in share price and the period of time for which fair value has been below cost.
In the case of debt securities classified as available for sale, observable data that relates to loss events are considered, including adverse changes in the payment status of the issuer and national or local economic conditions that correlate with defaults on those assets.
In addition, impairment may be appropriate when there is evidence of deterioration in the financial condition of the investee, industry and sector performance, operational and financing cash flows or changes in technology.
When the fair value of an available for sale financial asset is less than its initial carrying amount and there is objective evidence that the asset is impaired, the cumulative loss recognised directly in OCl is removed from equity and recognised in the income statement.
Impairment losses recognised in the income statement for equity securities classified as available for sale are not subsequently reversed through the income statement. However impairment losses recognised for debt investment securities classified as available for sale are subsequently reversed through the income statement if the fair value increases and the increase can be objectively related to an event after the impairment loss was recognised in the income statement.

## Interests in associates and joint ventures

The Consolidated Entity performs an assessment at each balance date to determine whether there is any objective evidence that its interests in associates and joint ventures are impaired. The entire carrying amount of each investment in associate and joint venture is considered in the assessment. The main indicators of impairment are as for equity securities classified as available for sale, disclosed above.
If there is an indication that an investment in an associate or joint venture may be impaired, then the entire carrying amount of the investment in the associate or joint venture is tested for impairment by comparing the recoverable amount (higher of value in use and fair value less costs to sell) with its carrying amount. Impairment losses recognised in the income statement for investments in associates and joint ventures are subsequently reversed through the income statement if there has been a change in the estimates used to determine the recoverable amount since the impairment loss was recognised.
An impaired investment in an associate or joint venture is written off, either partially or in full, when there is no reasonable expectation of recovering cash flows from the investment, and all avenues of recovery have been exhausted. Recoveries from investments in associates or joint ventures previously written off are recorded based on the cash received.

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## NOTE 1

## Summary of significant accounting policies continued

## Investments in subsidiaries

Investments in subsidiaries are reviewed annually for indicators of impairment or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognised for the amount by which the investment's carrying amount exceeds its recoverable amount (which is the higher of fair value less costs to sell and value in use). At each reporting date, investments in subsidiaries that have been impaired are reviewed for possible reversal of the impairment.

## (xvi) Life insurance business

The life insurance business is comprised of insurance contracts and investment contracts as defined in AASB 4 Insurance Contracts. The following are key accounting policies in relation to the life insurance business:

## Disclosure

The consolidated financial statements include the assets, liabilities, income and expenses of the life insurance business conducted by a subsidiary of the Bank in accordance with AASB 139 Financial Instruments: Recognition and Measurement, and AASB 1038 Life Insurance Contracts which apply to investment contracts and assets backing insurance liabilities, respectively. These amounts represent the total life insurance business of the subsidiary, including underlying amounts that relate to both policyholders and shareholders of the life insurance business.

## Investment assets

Investment assets are carried at fair value through profit or loss. Fair values of quoted investments in active markets are based on current bid prices. If the relevant market is not considered active (and for unlisted securities), fair value is established by valuation techniques, including recent arm's length transactions, discounted cash flow analysis, option pricing models and other valuation techniques commonly used by market participants. Changes in fair values are recognised in the income statement in the period in which the changes occur.

## Restriction on assets

Investments held in the life insurance business can only be used within the restrictions imposed under the Life Insurance Act 1995 The main restrictions are that the assets in a fund can only be used to meet the liabilities and expenses of the fund, acquire investments to further the business of the fund or pay distributions when solvency and capital adequacy requirements allow. Shareholders can only receive a distribution when the capital adequacy requirements of the Life Insurance Act 1995 have been met.

## Policy liabilities

Life insurance liabilities are measured as the accumulated benefits to policyholders in accordance with AASB 139 and AASB 1038, which apply to investment contracts and assets backing insurance liabilities, respectively.

## (xvii) Property, plant and equipment

Property, plant and equipment are stated at historical cost (which includes directly attributable borrowing costs) less accumulated depreciation and accumulated impairment losses, if any. Property, plant and equipment are reviewed for impairment (or possible reversal of previous impairment losses) at each reporting date. Historical cost includes expenditure directly attributable to
the acquisition of the asset. Property, plant and equipment includes assets leased out under operating leases.
Depreciation on aviation assets is calculated on a diminishing balance method and depreciation on all other assets is calculated on a straight line basis to allocate the difference between cost and residual values over their estimated useful lives, at the following rates:

| Buildings | 2 to $3.3 \%$ |
| :--- | ---: |
| Furniture, fittings and leasehold improvements ${ }^{(1)}$ | 10 to $20 \%$ |
| Equipment | 33 to $50 \%$ |
| Infrastructure assets | 2 to $10 \%$ |
| Aviation ${ }^{(2)}$ | 2 to $8 \%$ |
| Meters | 5 to $10 \%$ |
| Rail cars | 3 to $5 \%$ |
| Other operating lease assets | 2 to $50 \%$ |

(1) Where remaining lease terms are less than five years, leasehold improvements are depreciated over the remaining lease term
(2) Includes aircraft, for which depreciation is calculated on a diminishing-value basis
Useful lives and residual values are reviewed annually and reassessed in light of commercial and technological developments. If an asset's carrying value is greater than its recoverable amount, the carrying amount is written down immediately to its recoverable amount. Adjustments arising from such items and on disposal of property, plant and equipment are recognised in the income statement.
Gains and losses on disposal are determined by comparing proceeds with the asset's carrying amount and are recognised in the income statement.

## (xviii) Goodwill and other identifiable intangible assets

## Goodwill

Goodwill represents the excess of the consideration over the Consolidated Entity's share of the fair value of the identifiable net assets of the acquired entity at the date of acquisition. Goodwill arising from business combinations is included in intangible assets on the face of the statement of financial position. Goodwill arising from acquisition of associates is included in the carrying amount of investments in associates.

## Other identifiable intangible assets

An intangible asset is considered to have an indefinite useful life where it is expected to contribute to the Consolidated Entity's net cash inflows indefinitely.
Licences and trading rights are generally carried at cost less accumulated impairment loss. Where no contractual or legal limitation exists, these assets are not amortised because they are considered to have an indefinite useful life.
Management rights have a finite useful life and are carried at cost less accumulated amortisation and accumulated impairment loss. Amortisation is calculated using the straight-line method to allocate the cost of management rights over the estimated useful life, usually a period not exceeding 20 years.
Customer and servicing contracts acquired with a finite useful life are carried at cost less accumulated amortisation and accumulated impairment loss. Amortisation is calculated over the period for which the customer relationship is expected to exist. Customer and servicing contracts with an indefinite useful life are carried at cost less accumulated impairment loss.

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## NOTE 1

Summary of significant accounting policies continued

## Software

Certain internal and external costs directly incurred in acquiring and developing certain software are capitalised and amortised over the estimated useful life, usually a period of three to seven years. Cost incurred on software maintenance is expensed as incurred.

## Impairment

Goodwill and intangible assets that have an indefinite useful life are not subject to amortisation but are tested annually for impairment, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable. For intangible assets that have a finite useful life, an assessment is made at each reporting date for indications of impairment. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of the asset's fair value less costs to sell and value in use. For the purposes of assessing impairment, assets are grouped at the lowest levels for which there are separately identifiable cash inflows which are largely independent of the cash inflows from other assets or groups of assets (cash-generating units). Intangible assets (other than goodwill) that suffered impairment are reviewed for possible reversal of the impairment at each reporting date.
In relation to businesses acquired and held for disposal, the individual business is treated as a cash generating unit. Assets associated with strategic business acquisitions are allocated to each of the operating segments (see Note 3 - Segment reporting) and assessed for impairment.

## (xix) Financial liabilities

The Consolidated Entity has on issue debt securities and instruments which are initially recognised on settlement date at fair value net of transaction costs incurred, and subsequently measured at amortised cost. Any difference between the proceeds (net of transaction costs) and the redemption amount is recognised in the income statement over the period of the borrowing using the effective interest method.
Other financial liabilities at fair value through profit or loss
This category includes only those financial liabilities which have been designated by management as held at fair value through profit or loss on initial recognition. Management may elect to designate a financial liability as such if:

- the liability contains embedded derivatives which must otherwise be separated and carried at fair value
- the liability is part of a group of financial assets and financial liabilities managed and evaluated on a fair value basis in accordance with a documented risk management or investment strategy, and reporting is provided on that basis to key management personnel, or
- doing so eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise.
For financial liabilities designated at fair value through profit or loss, the Consolidated Entity uses trade date accounting on recognition and settlement date accounting on derecognition of the obligation.
Interest expense on such items is recognised in the income statement as interest expense using the effective interest method.
(xx) Supplemental rent, maintenance liability and end of lease compensation
Under certain leases, the Consolidated Entity requires lessees to make regular additional rent payments based on aircraft utilisation to contribute towards maintenance expenditure related to Major Maintenance Events (MMEs). These payments are typically calculated on the basis of hourly utilisation, calendar time or the number of cycles operated at an agreed rate specified in the lease. These payments are recorded as supplemental rent revenue in the period in which it is earned.
In certain circumstances, the Consolidated Entity agrees to an alternative mechanism to earn supplemental rent known as end of lease compensation. This compensation is typically calculated on the basis of the condition of each major component at the end of the lease relative to the commencement of the lease measured by hours, number of cycles or calendar time at an agreed rate specified in the lease. The Consolidated Entity accrues the expected lessee's compensation for the use of the aircraft over the term of the lease and agrees to defer the receipt of this compensation until the lease end.
At the beginning and throughout the term of each lease, the Consolidated Entity estimates the maintenance liability for MMEs which are expected to occur during the lease and accrues for this over the same term. Management determines this estimate based on quantitative and qualitative information including aircraft utilisation, area of operation, costs and timing of MMEs. Maintenance expenses are recorded in the income statement and adjusted from supplemental rent revenue. Maintenance liabilities are recognised separately and disclosed in Note 21 Other liabilities.


## (xxi) Provisions

## Employee benefits

A liability for employee benefits is recognised by the entity that has the obligation to the employee. Generally, this is consistent with the legal position of the parties to the employment contract. Liabilities for unpaid salaries, salary related costs and provisions for annual leave are recorded in the statement of financial position at the salary rates which are expected to be paid when the liability is settled. Provisions for long service leave and other long-term benefits are recognised at the present value of expected future payments to be made.
In determining this amount, consideration is given to expected future salary levels and employee service histories. Expected future payments are discounted to their net present value using discount rates on high quality corporate bonds, except where there is no deep market, in which case rates on Commonwealth Government securities are used. Such discount rates have terms that match as closely as possible the expected future cash flows. Provisions for unpaid employee benefits are derecognised when the benefit is settled, or is transferred to another entity and the Company and Consolidated Entity are legally released from the obligation and do not retain a constructive obligation.

## Dividends

Provisions for dividends to be paid by the Company are recognised in the statement of financial position as a liability and a reduction in retained earnings when the dividend has been declared.
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Summary of significant accounting policies continued (xxii) Performance based remuneration

## Share-based payments

The ultimate parent company, MGL operates share-based compensation plans, which include awards (including those delivered through the MEREP) granted to employees unde share acquisition plans. Information relating to these schemes is set out in Note 32. The Consolidated Entity recognises an expense and a corresponding increase in equity in case of equity settled awards or a corresponding increase in liability in case of cash settled awards granted to employees. The awards are measured at the grant dates based on their fair value and using the number of equity instruments expected to vest. This amount is recognised as an expense over the respective vesting periods. Performance hurdles attached to PSUs under the MEREP are not taken into account when determining the fair value of the PSUs at grant date. Instead, these vesting conditions are taken into account by adjusting the number of equity instruments expected to vest.

## Profit share remuneration

The Consolidated Entity recognises a liability and an expense for profit share remuneration to be paid in cash.

## (xxiii) Cash and cash equivalents

Cash and cash equivalents comprise of:

- cash and short-term amounts included in receivables from financial institutions and loan assets at amortised cost, and
- certain trading porffolio assets and debt securities with original contractual maturity of three months or less.


## (xxiv) Investment property

Investment properties are initially recognised at cost and subsequently stated at fair value at each balance date. Any change in fair value is recognised in the consolidated statement of comprehensive income in the period.

## (xxv) Leases

Leases where the lessee has substantially all the risks and rewards incidental to ownership of the leased assets are classified as finance leases. All other leases are operating leases.
Where finance leases are granted to third parties, the present value of the minimum lease payments plus an estimate of the value of any unguaranteed residual value is recognised as a receivable and included in loan assets held at amortised cost. The difference between the gross receivable and the present value of the receivable is unearned interest income. Lease receipts are discounted using the interest rate implicit in the lease. Lease income is recognised over the term of the lease using the effective interest method, which reflects a constant rate of return.

Leases entered into by the Consolidated Entity as lessee are primarily operating leases. The total fixed payments made under operating leases are charged to the income statement on a straight-line basis over the period of the lease.
Purchased assets, where the Consolidated Entity is the lessor under operating leases, are carried at cost and depreciated over their useful lives which vary depending on each class of asset and range from 2 to 50 years. Operating lease income is recognised on a straight-line basis over the period of the lease unless another systematic basis is more appropriate. Assets
leased out under operating leases are included in property, plant and equipment.

## (xxvi) Offsetting financial instruments

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

## (xxvii) Loan capital

Loan capital is debt issued by the Consolidated Entity with terms and conditions that qualify for inclusion as capital under APRA Prudential Standards. Loan capital debt issues are initially recorded at fair value plus directly attributable transaction costs and thereafter at amortised cost using the effective interest method (for debt host component of convertible preference securities and subordinated debt at amortised cost).

## (xxviii) Contributed equity

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

## (xxix) Changes in ownership interests

When acquiring additional interests of a financial asset (such that it becomes an associate, joint venture or subsidiary) or an investment in an associate or joint venture (such that it becomes a subsidiary), previously held interests are revalued to their current fair value and any gain or loss is immediately recognised in profit or loss.
Similarly, when selling ownership interests of a subsidiary (such that control is lost), or an investment in an associate or joint venture (such that it becomes a financial asset), retained ownership interests are revalued to their current fair value and any gain or loss is immediately recognised in the income statement
When increasing or decreasing the ownership interests of a subsidiary that remains a subsidiary afterwards, the consideration exchanged is recognised directly in equity. Any increase in ownership of an associate that remains an associate solely increases the investment and does not create any profit or loss.

## ( $\mathbf{x x x}$ ) Discontinued operations

A discontinued operation is a component of the entity's business that represents a separate major line of business or area of operation that has been disposed of or is classified as held for sale. Classification as a discontinued operation occurs upon disposal or when the operation meets the criteria to be classified as held for sale, if earlier. When an operation is classified as a discontinued operation, the comparative income statement is represented as if the operation had been discontinued from the start of the comparative period. The results of the discontinued operations are presented separately on the face of the income statements.

## (xxxi) Comparatives

Where necessary, comparative information has been restated to conform to changes in presentation in the current year.

## (xxxii) Rounding of amounts

In accordance with ASIC Corporations (Rounding in Financial/Directors' Reports) Instrument 2016/191, amounts in the Directors' Report and Financial Report have been rounded off to the nearest million Australian dollars unless otherwise indicated.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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NOTE 2

## Profit for the financial year

Net interest income

| Interest and similar income received/receivable Interest expense and similar charges paid/payable | $\begin{array}{r} 4,778 \\ (2,608) \end{array}$ | $\begin{array}{r} 5,083 \\ (2,911) \end{array}$ | $\begin{array}{r} 4,276 \\ (2,490) \end{array}$ | $\begin{array}{r} 4,122 \\ (2,685) \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
| Net interest income | 2,170 | 2,172 | 1,786 | 1,437 |
| Fee and commission income |  |  |  |  |
| Brokerage and commissions | 369 | 436 | 247 | 309 |
| Portfolio administration fee | 237 | 229 | 7 | 8 |
| Lending and securitisation fee | 140 | 135 | 111 | 196 |
| Other fee and commission income ${ }^{(1)}$ | 74 | 130 | 49 | 64 |
| Total fee and commission income | 820 | 930 | 414 | 577 |
| Net trading income/(expense) ${ }^{(2)}$ |  |  |  |  |
| Equities | 436 | 600 | 317 | 343 |
| Commodities ${ }^{(3)}$ | 1,152 | 1,266 | 561 | 560 |
| Credit, interest rate and foreign exchange products | 79 | 258 | (105) | 468 |
| Net trading income | 1,667 | 2,124 | 773 | 1,371 |
| Net operating lease income |  |  |  |  |
| Rental income ${ }^{(4)}$ | 1,666 | 1,561 | 70 | 40 |
| Depreciation on operating lease assets (Note 13) | (744) | (680) | (46) | (26) |
| Net operating lease income | 922 | 881 | 24 | 14 |
| Share of net (losses)/profits of associates and joint ventures accounted for using the equity method | (19) | 22 | - | - |

(1) Other fee and commission income of the Consolidated Entity includes life investment and insurance premium income of $\$ 129$ millon (2016 $\$ 230$ million) and related expenses of $\$ 97$ million (2016. $\$ 461$ milion)
(2) Net trading income of the Consolidated Entity and the Company includes net fair value loss of $\$ 16$ million (2016 $\$ 138$ million) and $\$ 6$ million (2016: $\$ 135$ million) relating to financial assets and financial liabilities designated as held at fair value through profit or loss, respectively This amount includes $\$ 31$ million loss ( $2016 \$ 49$ million gain) in relation to changes in the fair value of liabilities designated as held at fair value through profit or loss due to changes in the credit risk of the Consolidated Entity and the Company. From 1 October 2016, fair value movements due to changes in the own credit risk were recognised in OCl
Fair value changes relating to derivatives are also reported in net trading income which largely offsets the fair value changes relating to financial assets and financial liabilities designated at fair value. This also includes fair value changes on derivatives used to hedge the economic interest rate risk where hedge accounting requirements are not met Refer to Note 1 (xi) - Derivative instruments
(3) Net trading income of the Consolidated Entity and the Company includes transportation and storage costs of $\$ 266$ million (2016 $\$ 300$ million) and $\$ 72$ million (2016. $\$ 71$ million), respectively.
(4) Rental income of the Consolidated Entity includes net supplemental rent on aircraft of $\$ 128$ million (2016 $\$ 130$ million) DRECTORS Raporit


## NOTE 2

Profit for the financial year continued
Other operating income and charges
Net gain on sale of investment securities available for sale

| 39 | 28 | 34 | 7 |
| ---: | ---: | ---: | ---: |
| $(32)$ | $(33)$ | $(28)$ | $(22)$ |
| 110 | 20 | 57 | 15 |
| $(6)$ | $(4)$ | $(11)$ | 38 |
| 16 | 8 | - | - |
|  |  |  |  |
| 377 | $(24)$ | 51 | $(28)$ |
| - | - | $(164)$ | $(48)$ |
| $(45)$ | $(60)$ | $(18)$ | $(13)$ |
|  |  |  |  |
| 10 | 38 | 11 | 41 |
| - | - | 734 | 2,920 |
| - |  | 292 | 357 |
|  | - |  |  |
| $(168)$ | $(418)$ | $(138)$ | $(403)$ |
| $(5)$ | $(6)$ | $(4)$ | $(4)$ |
| 19 | 19 | 12 | 19 |
| 4 | - | - | - |
| $(147)$ | $(109)$ | $(92)$ | $(57)$ |
| 44 | 23 | 25 | 3 |

Collective allowance for credit losses reversed/(provided for) during the financial year:

| Loan assets (Note 10) | 5 | (6) | 26 | 28 |
| :---: | :---: | :---: | :---: | :---: |
| Other assets | (5) | (3) | (1) | (1) |
| Other income/(charges) | 45 | 41 | (1) | (52) |
| Total other operating income and charges ${ }^{(2)}$ | 261 | (486) | 785 | 2,800 |
| Net operating income | 5,821 | 5,643 | 3,782 | 6,199 |

[^4]
## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED


## NOTE 2

Profit for the financial year continued
Employment expenses

| Salary and related costs including commissions, superannuation and performance-related profit share | $(1,319)$ | $(1,297)$ | (997) | (959) |
| :---: | :---: | :---: | :---: | :---: |
| Share-based payments | (163) | (132) | (104) | (82) |
| (Provision for)/reversal of long service leave and annual leave | (5) | 1 | (4) | 2 |
| Total employment expenses | $(1,487)$ | $(1,428)$ | $(1,105)$ | $(1,039)$ |
| Brokerage, commission and trading-related expenses |  |  |  |  |
| Brokerage and other trading-related expenses | (518) | (531) | (335) | (348) |
| Other fee and commission expenses | (108) | (109) | (92) | (92) |
| Total brokerage, commission and trading-related expenses | (626) | (640) | (427) | (440) |
| Occupancy expenses |  |  |  |  |
| Operating lease rentals | (10) | (7) | (1) | (1) |
| Depreciation: buildings, furniture, fittings and leasehold improvements (Note 13) | (2) | (3) | - | - |
| Other occupancy expenses | (106) | (102) | (86) | (83) |
| Total occupancy expenses | (118) | (112) | (87) | (84) |
| Non-salary technology expenses |  |  |  |  |
| Information services | (83) | (74) | (63) | (56) |
| Depreciation: equipment (Note 13) | (3) | (3) | (2) | (1) |
| Service provider and other non-salary technology expenses | (72) | (74) | (58) | (63) |
| Total non-salary technology expenses | (158) | (151) | (123) | (120) |
| Other operating expenses |  |  |  |  |
| Professional fees | (185) | (201) | (129) | (136) |
| Travel and entertainment expenses | (51) | (57) | (36) | (39) |
| Amortisation of intangible assets (Note 15) | (11) | (34) | (13) | (36) |
| Auditor's remuneration (Note 41) | (22) | (22) | (10) | (9) |
| Advertising and promotional expenses | (14) | (19) | (14) | (17) |
| Communication expenses | (17) | (15) | (11) | (10) |
| Depreciation: infrastructure assets (Note 13) | (15) | (11) | - | - |
| Other expenses ${ }^{(1)}$ | $(1,384)$ | $(1,217)$ | $(1,106)$ | (974) |
| Total other operating expenses | $(1,699)$ | $(1,576)$ | $(1,319)$ | $(1,221)$ |
| Total operating expenses | $(4,088)$ | $(3,907)$ | $(3,061)$ | $(2,904)$ |

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## NOTE 3

## Segment reporting

## (i) Operating segments

AASB 8 Operating Segments requires the 'management approach' to disclosing information about the Consolidated Entity's reportable segments. The financial information is reported on the same basis as used internally by senior management for evaluating operating segment performance and for deciding how to allocate resources to operating segments. Such information may be produced using different measures to that used in preparing the statutory income statement. The financial information disclosed relates to ordinary activities. Financial information relating to discontinued operations is included in Note 43 - Discontinued Operations.
For internal reporting, performance measurement and risk management purposes, Consolidated Entity is divided into four Operating Groups and a Corporate segment. These segments have been set up based on the different core products and services offered. There were previously five Operating Groups and during the year ended 31 March 2017 Commodities and Financial Markets merged with Macquarie Securities to form CGM. Segment information has been prepared in accordance with the basis of preparation described below.
The Operating Groups comprise:
MAM specialises in manufacturing and distributing a range of tailored fund and equity-based products to institutions, private banks and retail investors.

CAF delivers tailored finance and asset management solutions to clients through the cycles, specialising in corporate and real estate lending and with an expertise in asset finance including aircraft, motor vehicles, technology, healthcare, manufacturing, industrial, energy, rail, rotorcraft and mining equipment.
BFS provides a diverse range of personal banking, wealth management and business banking products and services to retail customers, advisors, brokers and business clients

CGM provides clients with an integrated, end-to-end offering across global markets including equities, fixed income, foreign exchange and commodities.
The Corporate segment, which is not considered an Operating Group, includes head office and Central Service Groups including Group Treasury. The Corporate segment also holds certain legacy investments, assets and businesses that are no longer core for strategic reasons and not allocated to any of the Operating Groups.
Items of income and expense within the Corporate segment include the net impact of managing liquidity for the Consolidated Entity, earnings on capital, non-trading derivative volatility, earnings from investments, central overlay on impairment provisions or valuation of assets, unallocated head office costs and performance-related profit share and share based payments expense, income tax expense and certain distributions attributable to non-controlling interests and holders of loan capital.
All transactions and transfers between segments are generally determined on an arm's length basis and are included within the relevant categories of income or expense. These transactions eliminate on aggregation/consolidation.

## Internal funding arrangements

Group Treasury has the responsibility for managing funding for the Consolidated Entity and Operating Groups obtain their funding from Group Treasury. The interest rates charged by Group Treasury are determined by the currency and term of the funding. Break costs are charged to Operating Groups for the early repayment of term funding.
Generally, Operating Groups may only source funding directly from external sources when there is recourse only to the assets being funded and not to the Company.
Deposits are a funding source for the Consolidated Entity. BFS receives a deposit premium from Group Treasury on deposits they generate. This deposit premium is included within net interest and trading income for segment reporting purposes.

## Transactions between Operating Groups

Operating Groups that enter into arrangements with other Operating Groups must do so on commercial terms or as agreed by the Consolidated Entity's CEO or CFO. There is a requirement for accounting symmetry in such transactions.
Internal transactions are recognised in each of the relevant categories of income and expense as appropriate.

## Accounting for derivatives that economically hedge interest rate risk

For businesses that predominately earn income from lending activities (CAF and BFS), derivatives that economically hedge interest rate risk are required to be carried at fair value through net trading income unless they form part of a qualifying hedge relationship. Hedge relationships are generally only recognised at the consolidated entity level; however for segment reporting, derivatives are accounted for on an accruals basis in the Operating Group segments and changes in fair value are recognised within the Corporate segment offset by the effect of hedge relationships at the Consolidated Entity level.

## Central Service Groups

Central Service Groups recover their costs from Operating Groups generally on either a time and effort allocation basis or a fee for service basis. Central Service Groups include COG, FMG RMG, Legal and Governance and Central Executive.

## Performance-related profit share and share based

 payments expensePerformance-related profit share and share based payments expense relating to the MEREP is recognised in the Corporate segment and not allocated to Operating Groups.

## Income tax

Income tax expense and benefits are recognised in the Corporate segment and not allocated to Operating Groups. However, to recognise an Operating Group's contribution to permanent income tax differences, an internal management revenue or charge is used. These internal management revenue/charges are offset by an equal and opposite amount recognised in the Corporate segment such that they are eliminated on aggregation

## NOTES TO THE FINANCIAL STATEMENTS

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| Macquarie Asset | Corporate and <br> Management <br> Asset Finance <br> $\$ \mathrm{~m}$ | $\mathbf{\$ m}$ |
| ---: | ---: | ---: |

NOTE 3
Segment reporting continued
The following is an analysis of the Consolidated Entity's revenue and results by reportable segment for the financial year. Prior financial year comparative information has been reclassified to conform to current financial year presentation.

| Net interest and trading income | 104 | 694 |
| :---: | :---: | :---: |
| Fee and commission income/(expense) | 65 | 58 |
| Net operating lease income | 13 | 904 |
| Share of net profits/(losses) of associates and joint ventures accounted for using the equity method | - |  |
| Other operating income and charges: |  |  |
| Impairment charges, write-offs and provisions, net of recoveries | 1 | (111) |
| Other operating income and charges | (13) | 233 |
| Internal management revenue/(charge) | 1 | 40 |
| Net operating income | 171 | 1,818 |
| Total operating expenses | (117) | (631) |
| Profit/(loss) before tax | 54 | 1,187 |
| Tax expense | - | - |
| Profit/(loss) after income tax | 54 | 1,187 |
| Loss attributable to non-controlling interests | - | 1 |
| Profit/(loss) attributable to equity holders | 54 | 1,188 |
| Distributions paid or provided for on MIS | - | - |
| Net profit(loss) contribution attributable to ordinary equity holders from | 54 | 1,188 |
| Reportable segment assets | 2,742 | 37,959 |


| Net interest and trading income | 113 | 834 |
| :---: | :---: | :---: |
| Fee and commission income/(expense) | 54 | 44 |
| Net operating lease income | 12 | 865 |
| Share of net profits of associates and joint ventures accounted for using the equity | - | 7 |
| Other operating income and charges: |  |  |
| Impairment charges, write-offs and provisions, net of recoveries | 2 | (168) |
| Other other operating income and charges | 8 | 67 |
| Internal management revenue/(charge) | 2 | 60 |
| Net operating income | 191 | 1,709 |
| Total operating expenses | (116) | (589) |
| Profit/(loss) before tax | 75 | 1,120 |
| Tax expense | - | - |
| Profit/(loss) after income tax | 75 | 1,120 |
| Loss/(profit) attributable to non-controlling interests | - | 1 |
| Profit/(loss) attributable to equity holders | 75 | 1,121 |
| Distributions paid or provided for on MIS | - | - |
| Net profit/(loss) contribution attributable to ordinary equity holders from continuing | 75 | 1,121 |
| Reportable segment assets | 2,848 | 40,854 |


| Banking and Financial Services \$m | Commodities and Global Market \$m | Corporate \$m | Total \$m |
| :---: | :---: | :---: | :---: |
|  |  |  | ATED 2017 |
| 1,049 | 1,982 | 8 | 3,837 |
| 469 | 339 | (111) | 820 |
| - | - | 5 | 922 |
| 6 | - | (25) | (19) |
| (91) | (157) | 22 | (336) |
| 205 | 148 | 24 | 597 |
| 5 | 11 | (57) | - |
| 1,643 | 2,323 | (134) | 5,821 |
| $(1,133)$ | $(1,447)$ | (760) | $(4,088)$ |
| 510 | 876 | (894) | 1,733 |
| - | - | (509) | (509) |
| 510 | 876 | $(1,403)$ | 1,224 |
| - | (1) | 12 | 12 |
| 510 | 875 | $(1,391)$ | 1,236 |
| - | - | (15) | (15) |
| 510 | 875 | $(1,406)$ | 1,221 |
| 38,096 | 81,366 | 7,278 | 167,441 |
|  |  |  | TED 2016 |
| 941 | 2,192 | 216 | 4,296 |
| 524 | 329 | (21) | 930 |
| - | - | 4 | 881 |
| 1 | 5 | 9 | 22 |
| (43) | (331) | (57) | (597) |
| 35 | 47 | (46) | 111 |
| 4 | (2) | (64) | - |
| 1,462 | 2,240 | 41 | 5,643 |
| $(1,114)$ | $(1,508)$ | (580) | $(3,907)$ |
| 348 | 732 | (539) | 1,736 |
| - | - | (681) | (681) |
| 348 | 732 | $(1,220)$ | 1,055 |
| - | - | 10 | 11 |
| 348 | 732 | $(1,210)$ | 1,066 |
| - | - | (16) | (16) |
| 348 | 732 | $(1,226)$ | 1,050 |
| 39,520 | 87,358 | 11,029 | 181,609 |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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## NOTE 3

Segment reporting continued

## (ii) Products and services

For the purposes of preparing a segment report based on products and services, the activities of the Consolidated Entity have been divided into four areas:
Lending: corporate and structured finance, banking activities, mortgages and leasing
Financial Markets: trading in fixed income, equities, currency, commodities and derivative products
Asset and Wealth Management: manufacture and distribution of fund management products, and
Capital Markets: underwriting, facilitation, broking.

|  | CONSOLIDATED |  |
| :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $2016$ |
| Revenue from external customers |  |  |
| Lending | 5,720 | 5,575 |
| Financial Markets | 3,238 | 3,738 |
| Asset and Wealth Management | 778 | 761 |
| Capital Markets | 151 | 174 |
| Total revenue from external customers ${ }^{(1)}$ | 9,887 | 10,248 |

(1) Revenue from external customers includes interest and similar income, fee and commission income, net trading income, operating lease income. income associated with investing activities and other income.

## (iii) Geographical areas

Geographical segments have been determined based upon where the transactions have been booked. The operations of the Consolidated Entity are headquartered in Australia.

|  | CONSOLIDATED 2017 |  |  |  |  |  |  | CONSOLIDATED 2016 |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: | :---: | :---: |

[^6]
## (iv) Major customers

The Consolidated Entity does not rely on any major customers.

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NOTE 4
Income tax expense

| (i) Income tax (expense)/benefit |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Current tax expense | (387) | (681) | (109) | (334) |
| Deferred tax (expense)/benefit | (122) | (10) | 36 | 66 |
| Total income tax expense | (509) | (691) | (73) | (268) |
| Income tax (expense)/benefit is attributable to: |  |  |  |  |
| Profit from continuing operations | (509) | (681) | (73) | (276) |
| Profit from discontinued operations | - | (10) | - | 8 |
| Total income tax expense | (509) | (691) | (73) | (268) |
| (ii) Numerical reconciliation of income tax (expense)/benefit to prima facie tax payable |  |  |  |  |
| Prima facie income tax expense on operating profit ${ }^{(1)}$ | (520) | (836) | (217) | $(1,178)$ |
| Tax effect of amounts which are (not deductible)/nonassessable in calculating taxable income: |  |  |  |  |
| Rate differential on offshore income | 4 | (161) | (43) | (182) |
| Impairment (charge)/reversal on subsidiaries | - | - | (40) | 2 |
| Intra-group dividends | - | - | 220 | 876 |
| Gain on sale of discontinued operations | - | 303 | - | 196 |
| Other items | 7 | 3 | 7 | 18 |
| Total income tax expense | (509) | (691) | (73) | (268) |

(iii) Tax benefit/(expense) relating to items of other
comprehensive income

| Available for sale reserve | 19 | $(20)$ |
| :--- | ---: | ---: |
| Cash flow hedges | $(14)$ | $(14)$ |
| Foreign currency translation reserve 2 | (1) |  |
| Total tax benefit/(expense) relating to items of other <br> comprehensive income | 3 | - |

(iv) Deferred tax (expense)/benefit represents movements in deferred tax assets/liabilities

| Fixed assets | (1) | 57 | 17 | 50 |
| :---: | :---: | :---: | :---: | :---: |
| Intangible assets | (1) | (1) | (1) | 3 |
| Investments | (15) | 121 | (20) | 40 |
| Tax losses | (27) | (33) | (7) | (27) |
| Leasing and financial instruments | (115) | (45) | (14) | 65 |
| Other assets and liabilities | 37 | (109) | 61 | (65) |
| Total deferred tax (expense)/benefit represents movements in deferred tax assets/liabilities | (122) | (10) | 36 | 66 |

(1) Prima facie income tax on operating profit is calculated at the rate of $30 \%$ (2016 30\%).

Revenue authorities undertake risk reviews and audits as part of their normal activities.
The Consolidated Entity has assessed these and other faxation claims and litigation, including seeking advice where appropriate, and considers that it holds appropriate positions.

## NOTES TO THE FINANCIAL STATEMENTS

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(1) The Consolidated Entity's special dividend related to the Macquarie Investment Management business within the MAM segment This includes cash distribution of $\$ 1,009$ million and in-specie distribution of $\$ 131$ million.
(ii) Dividends not recognised at the end of the financial year

Since the end of the financial year, the Directors have resolved to pay a dividend. The aggregate amount of the proposed dividend expected to be paid on 11 May 2017 from retained profits at 31 March 2017, but not recognised as a liability at the end of the financial year, is $\$ 607$ million (2016: $\$ 644$ million)

## (iii) Distributions paid or provided for Macquarie Income Securities

| Distributions paid (net of distributions previously provided for) | 12 | 13 | - | - |
| :--- | ---: | ---: | ---: | :--- |
| Distributions provided for | 3 | 3 | - |  |
| Total distributions paid or provided for (Note 28) | $\mathbf{1 5}$ | 16 | - | - |

Macquarie Income Securities (MIS) are stapled arrangements, which include perpetual preference shares issued by the Company. Refer to Note 27 - Contributed equity for further details on these instruments.

## Macquarie Income Preferred Securities

| Distributions paid (net of distributions previously provided for) | - | 1 | - |
| :--- | :--- | :--- | :--- |
| Total distributions paid | - | 1 | - |

The Macquarie Income Preferred Securities (MIPS) represent the NCI of a subsidiary. MIPS were redeemed in June 2015.

## Convertible Debentures

| Distributions paid (net of distributions previously provided for) | - | - | 1 |
| :--- | :--- | :--- | :--- |
| Total distributions paid (Note 28) | - | - | - |

As part of issue of the Macquarie Income Preferred Securities, the London branch of the Company issued reset subordinated convertible debentures, each with a face value of $£ 50,000$ to Macquarie Capital Funding LP, a subsidiary of the Company. These convertible debentures were redeemed in 2016.

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|  | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| NOTE 6 |  |  |  |  |
| Receivables from financial institutions |  |  |  |  |
| Cash and other receivables ${ }^{(1)}$ | 7,645 | 7,606 | 6,179 | 5,188 |
| Cash collateral on securities borrowed and reverse repurchase agreements ${ }^{(2)}$ | 17,920 | 23,350 | 17,728 | 23,107 |
| Total receivables from financial institutions | 25,565 | 30,956 | 23,907 | 28,295 |

(1) Included within this balance is $\$ 107$ million ( $2016, \$ 132$ milion) provided as security over payables to other financial institutions.
(2) The Consolidated Entity enters into stock borrowings and reverse repurchase transactions with counterparties which require lodgement of non-cash collateral The fair value of collateral held as at 31 March 2017 is $\$ 18,120$ million (2016; $\$ 25,074$ million) Under certain transactions, the Consolidated Entity is allowed to resell or re-pledge the collateral held under terms that are usual and customary, but is obliged to return equivalent securities. The fair value of collateral that the Consolidated Entity is permitted to sell or re-pledge in the absence of default is $\$ 18,120$ million (2016: $\$ 25,039$ million), of which the fair value of collateral sold or re-pledged is $\$ 4,605$ million (2016: $\$ 5,967$ million)
The majority of the above amounts are expected to be recovered within 12 months of the balance date by the Consolidated Entity and the Company

## NOTE 7

## Trading portfolio assets

| Equities |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Listed | 12,003 | 9,733 | 8,796 | 6,916 |
| Unlisted | 10 | 44 | 2 | 36 |
| Commodities | 5,602 | 4,462 | 4,227 | 3,490 |
| Commonwealth government securities | 4,862 | 4,857 | 4,862 | 4,850 |
| Foreign government securities and treasury notes | 2,509 | 2,121 | 1,853 | 1,861 |
| Corporate loans and securities | 1,620 | 1,833 | 863 | 997 |
| Other | 31 | 12 | 6 | 6 |
| Total trading portfolio assets ${ }^{(1)}$ | 26,637 | 23,062 | 20,609 | 18,156 |

(1) Included within these balances are trading assets of $\$ 5,124$ million (2016. $\$ 4,056$ million) pledged as coilateral to secure liabilites under
repurchase agreements and stock lending agreements

The above amounts are expected to be recovered within 12 months of the balance date by the Consolidated Entity and the Company.

## NOTE 8

Investment securities available for sale

| Debt securities ${ }^{(1)}$ | 4,585 | 8,582 | 4,334 | 8,252 |
| :---: | :---: | :---: | :---: | :---: |
| Equity securities |  |  |  |  |
| Listed | 56 | 90 | 49 | 83 |
| Unlisted | 541 | 336 | 418 | 159 |
| Total investment securities available for sale ${ }^{(2)}$ | 5,182 | 9,008 | 4,801 | 8,494 |

(1) Included within this balance is $\$ 509$ milion ( 2016 . $\$ 479$ million) provided as security over payables to financial institutions
(2) Included within this balance is $\$$ nil (2016 $\$ 408$ million) pledged as collateral to secure liabilities under repurchase agreements and stock lending agreements.
Of the above amounts, $\$ 1,831$ million (2016: $\$ 4,327$ million) is expected to be recovered within 12 months of the balance date by the Consolidated Entity and $\$ 1,636$ million (2016: $\$ 4,335$ million) by the Company.

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| :---: | ---: | ---: | ---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 | 2017 | 2016 |  |  |  |  |  |  |

## NOTE 9

## Other assets

| Debtors and prepayments | $\mathbf{4 , 4 7 5}$ | 2,995 | 2,928 | 2,136 |
| :--- | ---: | ---: | ---: | ---: |
| Security settlements | $\mathbf{2 , 3 1 5}$ | 2,186 | 2,105 | 2,059 |
| Life investment linked contracts and other unitholder assets | $\mathbf{7 2 2}$ | 850 | - | - |
| Assets of disposal groups classified as held for sale | $\mathbf{4 7 7}$ | 241 | - | - |
| Investment properties ${ }^{(1)}$ | $\mathbf{3 7 8}$ | 284 | - | - |
| Income tax receivable | 254 | 313 | 133 | 137 |
| Other | $\mathbf{2 5}$ | 49 | 13 | 6 |
| Total other assets ${ }^{(2)}$ | $\mathbf{8 , 6 4 6}$ | 6,918 | 5,179 | $\mathbf{4 , 3 3 8}$ |

(1) The fair value of investment properties was determined by independent valuers and classified as Level 3 in the fair value hierarchy (as defined in Note 38 - Fair value of financial assets and financial liablities)
(2) Included within this balance is $\$ 434$ million (2016. $\$ 386$ million) provided as security over payables to financial institutions

Of the above amounts, $\$ 7,917$ million (2016: $\$ 6,918$ million) is expected to be recovered within 12 months of the balance date by the Consolidated Entity and $\$ 5,166$ million ( $2016: \$ 4,338$ million) by the Company.

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|  | 2017 |  |  | 2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Individuallyassessedprovisions for <br> Gross <br> impairment <br> \$m |  | $\begin{aligned} & \text { Net } \\ & \$ \mathrm{~m} \end{aligned}$ | $\left.\begin{array}{rr}\text { Individually } \\ \text { assessed }\end{array}\right\}$provisions for <br> impairment |  | Net \$m |
| NOTE 10 |  |  |  |  |  |  |
| Loan assets held at amortised cost |  |  |  |  | CONSOLIDATED |  |
| Residential mortgage loans ${ }^{(1)}$ | 30,338 | (3) | 30,335 | 31,378 | (14) | 31,364 |
| Lease and retail financing ${ }^{(1)}$ | 19,579 | (66) | 19,513 | 19,326 | (53) | 19,273 |
| Corporate and commercial lending | 15,940 | (287) | 15,653 | 17,280 | (230) | 17,050 |
| Margin money placed | 7,270 | - | 7,270 | 8,417 | - | 8,417 |
| Relationship banking mortgages | 2,453 | - | 2,453 | 2,241 | - | 2,241 |
| Investment and insurance premium lending | 723 | (1) | 722 | 1,008 | (2) | 1,006 |
| Total loan assets before collective allowance for credit losses | 76,303 | (357) | 75,946 | 79,650 | (299) | 79,351 |
| Less collective allowance for credit losses |  |  | (396) |  |  | (438) |
| Total loan assets held at amortised $\operatorname{cost}^{(2),(3)}$ |  |  | 75,550 |  |  | 78,913 |
|  |  |  |  |  |  | OMPANY |
| Residential mortgage loans ${ }^{(1)}$ | 29,251 | (3) | 29,248 | 28,169 | (3) | 28,166 |
| Corporate and commercial lending | 10,774 | (263) | 10,511 | 13,050 | (216) | 12,834 |
| Lease and retail financing ${ }^{(1)}$ | 5,504 | (30) | 5,474 | 8,279 | (29) | 8,250 |
| Margin money placed | 4,878 | - | 4,878 | 5,340 | - | 5,340 |
| Relationship banking mortgages | 2,453 | - | 2,453 | 2,241 | - | 2,241 |
| Investment and insurance premium lending | 460 | (83) | 377 | 513 | (81) | 432 |
| Total loan assets before collective allowance for credit losses | 53,320 | (379) | 52,941 | 57,592 | (329) | 57,263 |
| Less collective allowance for credit losses |  |  | (261) |  |  | (310) |
| Total loan assets held at amortised $\boldsymbol{c o s t}^{(2),(3)}$ |  |  | 52,680 |  |  | 56,953 |

(1) Includes loans of $\$ 16,332$ million (2016. $\$ 18,087$ million) held by consolidated Special Purpose Entities (SPEs), which are available as security to note holders and debt providers
(2) Includes other loans of $\$ 464$ million (2016 $\$ 2,583$ million) pledged as security over issued notes and payables to other external investors and financial institutions
(3) Loans of $\$$ nil (2016: $\$ 811$ million) are pledged as collateral to secure liablities under repurchase agreements and stock lending arrangements
Of the above amounts, $\$ 28,490$ million (2016: $\$ 31,532$ million) is expected to be recovered within 12 months of the balance date by the Consolidated Entity and $\$ 19,054$ million (2016: $\$ 20,475$ million) by the Company.

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|  | CONSOLIDATED |  |  |  |
| :---: | ---: | ---: | ---: | ---: |
|  | 2017 | 2016 | 2017 | COMPANY |
|  | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\mathbf{\$ m}$ | $\$ \mathrm{~m}$ |

## NOTE 10

Loan assets held at amortised cost conlinued
Individually assessed provisions for impairment

| Balance at the beginning of the financial year | 299 | 531 | 329 | 561 |
| :---: | :---: | :---: | :---: | :---: |
| Provided for during the financial year (Note 2) | 168 | 418 | 138 | 403 |
| Loan assets written off or sold, previously provided for | (114) | (610) | (97) | (595) |
| Recovery of loans previously provided for (Note 2) | (19) | (19) | (12) | (19) |
| Net transfer from collective provisions | 25 | - | 23 | - |
| Foreign exchange movements | (2) | (21) | (2) | (21) |
| Balance at the end of the financial year | 357 | 299 | 379 | 329 |
| Individually assessed provisions as a percentage of total gross loan assets | 0.47\% | 0.37\% | 0.71\% | 0.57\% |

## Coliective allowance for credit losses

| Balance at the beginning of the financial year | $\mathbf{4 3 8}$ | 363 | $\mathbf{3 1 0}$ | 275 |
| :--- | ---: | ---: | ---: | ---: |
| (Reversed)/provided for during the financial year (Note 2) | $\mathbf{( 5 )}$ | 6 | $\mathbf{( 2 6 )}$ | (28) |
| (Disposal)/acquisition during the financial year | $(7)$ | 66 | 3 | 59 |
| Net transfer (to specific)/from other provisions | $(25)$ | 5 | $\mathbf{( 2 3 )}$ | 5 |
| Foreign exchange movements | $(5)$ | $(2)$ | $(3)$ | $(1)$ |
| Balance at the end of the financial year | 396 | 438 | $\mathbf{2 6 1}$ | 310 |

The collective allowance for credit losses is intended to cover losses in the existing overall credit portfolio which are not yet individually identified.
Finance lease receivables are included within loan assets held at amortised cost. The Consolidated Entity provides finance leases to a broad range of clients to support financing needs in acquiring movable assets such as motor vehicles, small plant and equipment, electronic and IT equipment. Finance lease receivables does not include retail products such as hire purchase, chattel mortgages and consumer loans.

|  | 2017 |  |  | 2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross investment in finance lease receivables \$m | Unearned income \$m | Present value of minimum lease payments receivable \$m | Gross investment in finance lease receivables \$m | Unearned income $\$ \mathrm{~m}$ | Present value of minimum lease payments receivable \$m |
|  |  |  |  |  | CONSOLIDATED |  |
| Not later than one year | 2,496 | (259) | 2,237 | 2,035 | (196) | 1,839 |
| Later than one year and not later than five years | 3,715 | (429) | 3,286 | 4,187 | (431) | 3,756 |
| Later than five years | 107 | (24) | 83 | 156 | (34) | 122 |
| Total | 6,318 | (712) | 5,606 | 6,378 | (661) | 5,717 |

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| :---: | :---: | ---: | ---: | ---: |
|  | 2017 | 2016 | 2017 | COMPANY |
|  | 2016 |  |  |  |
|  | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ |

## NOTE 11

## Impaired financial assets

| Impaired loan assets and other financial assets before individually <br> assessed provision for impairment | $\mathbf{8 7 5}$ | 719 | $\mathbf{9 2 2}$ | 818 |
| :--- | ---: | ---: | ---: | ---: |
| Less individually assessed provision for impairment | $(379)$ | $(320)$ | $(387)$ | $(332)$ |
| Loan assets and other financial assets after individually assessed <br> provision for impairment | 496 | 399 | 535 | 486 |
| Total net impaired financial assets | 496 | 399 | 535 | 486 |

## NOTE 12

Other financial assets at fair value through profit or loss
Investment securities

| Equity | 405 | 816 | 379 | 785 |
| :--- | ---: | ---: | ---: | ---: |
| Debt | $\mathbf{7 2}$ | 72 | 72 | 72 |
| Loan assets | $\mathbf{2 8 3}$ | 169 | 143 | 148 |
| Total other financial assets at fair value through profit or loss ${ }^{(1)}$ | $\mathbf{7 6 0}$ | 1,057 | 594 | 1,005 |

(1) Includes $\$ 10$ million (2016: $\$ 398$ million) provided as security over payables to financral institutions

Of the above amounts, $\$ 569$ million (2016: $\$ 842$ million) is expected to be recovered within 12 months of the balance date by the Consolidated Entity and $\$ 416$ million (2016: $\$ 812$ million) by the Company.

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## NOTE 13

## Property, plant and equipment

Assets for own use

| Land and buildings |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Cost | 9 | 9 | - | - |
| Less accumulated depreciation | - | - | - | - |
| Total land and building | 9 | 9 | - | - |
| Furniture, fittings and leasehold improvements |  |  |  |  |
| Cost | 32 | 33 | 11 | 11 |
| Less accumulated depreciation | (25) | (26) | (9) | (10) |
| Total furniture, fittings and leasehold improvements | 7 | 7 | 2 | 1 |
| Equipment |  |  |  |  |
| Cost | 13 | 18 | 7 | 5 |
| Less accumulated depreciation | (8) | (13) | (3) | (2) |
| Total equipment | 5 | 5 | 4 | 3 |
| Infrastructure assets |  |  |  |  |
| Cost | 490 | 430 | - | - |
| Less accumulated depreciation | (23) | (11) | - | - |
| Total infrastructure assets | 467 | 419 | - | - |
| Total assets for own use | 488 | 440 | 6 | 4 |

Assets under operating lease

## Aviation

| Cost | 10,167 | 10,476 | - | - |
| :---: | :---: | :---: | :---: | :---: |
| Less accumulated depreciation | $(1,996)$ | $(1,597)$ | - | - |
| Total aviation | 8,171 | 8,879 | - | - |
| Meters |  |  |  |  |
| Cost | 1,146 | 1,081 | - | - |
| Less accumulated depreciation | (411) | (391) | - | - |
| Total meters | 735 | 690 | - | - |
| Rail cars |  |  |  |  |
| Cost | 762 | 840 | - | - |
| Less accumulated depreciation | (129) | (114) | - | - |
| Total rail cars | 633 | 726 | - | - |
| Others |  |  |  |  |
| Cost | 938 | 741 | 653 | 423 |
| Less accumulated depreciation | (222) | (172) | (91) | (53) |
| Total others | 716 | 569 | 562 | 370 |
| Total assets under operating lease | 10,255 | 10,864 | 562 | 370 |
| Total property, plant and equipment | 10,743 | 11,304 | 568 | 374 |

The majority of the above amounts are expected to be recovered after 12 months of the balance date by the Consolidated Entity and the Company.

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## NOTE 13

Property, plant and equipment continued
Reconciliation of the movement in the Consolidated Entity's property, plant and equipment at their written down value:

|  | Land and buildings | Furniture, fittings and leasehold improvements | Equipment | Infrastructure assets | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Assets for own use | \$m | \$m | \$m | \$m | \$m |
| Balance as at 1 April 2015 | 88 | 53 | 3 | - | 144 |
| Acquisitions | - | 4 | 5 | 413 | 422 |
| Disposals | (10) | (19) | - | - | (29) |
| Reclassification | (68) | (29) | - | 35 | (62) |
| Foreign exchange movements | - | - | - | (18) | (18) |
| Depreciation expense (Note 2) | (1) | (2) | (3) | (11) | (17) |
| Balance as at 31 March 2016 | 9 | 7 | 5 | 419 | 440 |
| Acquisitions | - | 3 | 3 | 122 | 128 |
| Foreign exchange movements | - | (1) | - | (59) | (60) |
| Depreciation expense (Note 2) | - | (2) | (3) | (15) | (20) |
| Balance as at 31 March 2017 | 9 | 7 | 5 | 467 | 488 |

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## NOTE 13

Property, plant and equipment continued

| Assets under operating lease | Aviation \$m | Meters \$m | Rail Cars \$m | Other \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Balance as at 1 April 2015 | 4,526 | 777 | 744 | 552 | 6,599 |
| Acquisitions | 5,122 | 144 | 12 | 79 | 5,357 |
| Disposals | (25) | (57) | - | (6) | (88) |
| Reclassification | - | (36) | (1) | 42 | 5 |
| Impairments | (39) | - | - | (3) | (42) |
| Foreign exchange movements | (264) | (24) | 1 | - | (287) |
| Depreciation expense (Note 2) | (441) | (114) | (30) | (95) | (680) |
| Balance as at 31 March 2016 | 8,879 | 690 | 726 | 569 | 10,864 |
| Acquisitions | 43 | 272 | 3 | 253 | 571 |
| Disposals | (256) | - | - | (14) | (270) |
| Reclassification | 1 | (33) | - | 1 | (31) |
| Impairments | (18) | - | - | - | (18) |
| Foreign exchange movements | 43 | (91) | (68) | (1) | (117) |
| Depreciation expense (Note 2) | (521) | (103) | (28) | (92) | (744) |
| Balance as at 31 March 2017 | 8,171 | 735 | 633 | 716 | 10,255 |

Included in the balance of assets under operating lease are assets pledged as security over payables to financial institutions. The terms preclude these assets from being sold or being used as security for further liabilities without the permission of the financial institution. The carrying value of assets pledged is $\$ 3,028$ million (2016: $\$ 3,134$ million).

The future minimum lease payments expected to be received under non-cancellable operating leases are as follows:

|  | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Not later than one year | 1,150 | 1,153 | 26 | 8 |
| Later than one year and not later than five years | 2,591 | 2,927 | 100 | 11 |
| Later than five years | 640 | 962 | 110 | - |
| Total future minimum lease payments receivable | 4,381 | 5,042 | 236 | 19 |

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| ---: | ---: | ---: | ---: |
| 2017 | 2016 | 2017 | 2016 |
| $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ |

## NOTE 14

Interests in associates and joint ventures accounted for using the equity method

| Loans and investments without provisions for impairment | 123 | 355 | 42 | 54 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Loans and investments with provisions for impairment | 147 | 156 | 37 | 60 |
| Less provisions for impairment | $(67)$ | $(85)$ | $(26)$ | $(42)$ |
| Loans and investments with provisions for impairment at recoverable amount | 80 | 71 | 11 | 18 |
| Total interests in associates and joint ventures accounted for using the <br> equity method ${ }^{(1)(2)}$ | 203 | 426 | 53 | 72 |

(1) Includes $\$ 172$ million (2016: $\$ 403$ million) relating to interests in associates and $\$ 31$ million ( 2016 . $\$ 23$ million) relating to interests in joint ventures held by the Consolidated Entity, and $\$ 29$ million (2016: $\$ 64$ million) relating to interests in associates and $\$ 24$ million (2016. $\$ 8$ million) relating to interests in joint ventures held by the Company
(2) Financial statements of associates and joint ventures have various reporting dates There are no associates or joint ventures individually material to the Consolidated Entity or the Company

All of the above amounts are expected to be recovered after 12 months of the balance date by the Consolidated Entity and the Company.

## NOTE 15

Intangible assets

## Goodwill

| At cost | 68 | 80 | - | - |
| :---: | :---: | :---: | :---: | :---: |
| Less accumulated impairment loss | (12) | (12) | - | - |
| Total goodwill | 56 | 68 | - | - |
| Customer and servicing contracts |  |  |  |  |
| At cost | 20 | - | - | - |
| Less accumulated amortisation and impairment loss | - | - | - | - |
| Total customer and servicing contracts | 20 | - | - | - |
| Other identifiable intangible assets |  |  |  |  |
| At cost | 289 | 304 | 270 | 280 |
| Less accumulated amortisation and impairment loss | (172) | (148) | (166) | (138) |
| Total other identifiable intangible assets | 117 | 156 | 104 | 142 |
| Total intangible assets | 193 | 224 | 104 | 142 |

The majority of the above amounts are expected to be recovered after 12 months of the balance date by the Consolidated Entity and the Company.

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## NOTE 15

Intangible assets continued
Reconciliation of the Consolidated Entity's movement in intangible assets at the written down value:

|  | Goodwill \$m | Intangible assets with indefinite lives \$m | Customer and servicing contracts \$m | Other identifiable intangible assets \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Balance as at 1 April 2015 | 72 | 22 | 2 | 133 | 229 |
| Acquisitions | - | - | - | 69 | 69 |
| Disposals | - | (22) | - | - | (22) |
| Impairments | (3) | - | - | (14) | (17) |
| Amortisation (Note 2) | - | - | (2) | (32) | (34) |
| Foreign exchange movements | (1) | - | - | - | (1) |
| Balance as at 31 March 2016 | 68 | - | - | 156 | 224 |
| Acquisitions | - | - | 20 | 32 | 52 |
| Write back of costs capitalised in prior years | - | - | - | (39) | (39) |
| Impairments | (8) | - | - | (19) | (27) |
| Amortisation (Note 2) | - | - | - | (11) | (11) |
| Foreign exchange movements | (4) | - | - | (2) | (6) |
| Balance as at 31 March 2017 | 56 | - | 20 | 117 | 193 |

## Goodwill:

Goodwill is tested for impairment by comparing the carrying amount of Cash Generating Unit (CGU) or a group of CGUs to the recoverable amount. The recoverable amount is the higher of fair value less costs to sell and value in use.
Fair value less costs to sell is estimated with market based approaches using revenues, earnings and assets under management multiples based on a trading statistics of companies deemed comparable and publicly available information relevant to the business. Value in use is calculated using pre-tax cash flow projections for fee revenue, net income and operating expenses. Forecasts are extrapolated using a growth rate and discounted using a discount rate incorporating market risk determinants, adjusted for specific risks related to the CGU and the environment in which it operates.

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NOTE 16
Investments in subsidiaries

| Investments at cost without provisions for impairment | $\mathbf{8 , 7 3 1}$ | $\mathbf{7 , 0 3 8}$ |
| :--- | :---: | :---: |
| Investments at cost with provisions for impairment | $\mathbf{1 , 2 8 9}$ | $\mathbf{1 , 1 6 1}$ |
| Less provisions for impairment | $\mathbf{6 8 9}$ | $(570)$ |
| Investments with provisions for impairment at recoverable amount ${ }^{(1)}$ | $\mathbf{6 0 0}$ | 591 |
| Total investments in subsidiaries | $\mathbf{9 , 3 3 1}$ | $\mathbf{7 , 6 2 9}$ |

(1) The recoverable amount has been estimated using valuation techniques which incorporate the subsidiary's consolidated earnings and the Consolidated Entity's price earnings multiple

The above amounts are expected to be recovered after 12 months of the balance date by the Company.
The material subsidiaries of the Company, based on contribution to the Consolidated Entity's profit after income tax, the size of the investment made by the Company or the nature of activities conducted by the subsidiary, are:

- Macquarie Aerospace Finance UK Limited (United Kingdom)
- Macquarie Aerospace Limited (Ireland)
- Macquarie Aircraft Leasing Limited (Ireland)
- Macquarie America Holdings Inc. (United States)
- Macquarie Americas Holdings Pty Limited (Australia)
- Macquarie Bank International Limited (Germany, United Kingdom)
- Macquarie CAF Holdings Inc. (United States)
- Macquarie CAF LLC (United States)
- Macquarie CAF Management LLC (United States)
- Macquarie Commodities (UK) Limited (United Kingdom)
- Macquarie Corporate and Asset Finance Limited (Australia)
- Macquarie Emerging Markets Asian Trading Pte Limited (Singapore)
- Macquarie Energy Canada Limited. (United States)
- Macquarie Energy LLC (United States)
- Macquarie Equities Limited (Australia)
- Macquarie Euro Limited (United Kingdom)
- Macquarie Finance Limited (Australia)
- Macquarie Financial Holdings (USA) LLC (United States)
- Macquarie Financial Limited./Financiere Macquarie Ltee (Canada)
- Macquarie Financial Products Management Limited (Australia)
- Macquarie Inc. (United States)
- Macquarie International Finance Limited (Australia)
- Macquarie Investment Management Limited (Australia)
- Macquarie Investments (UK) Limited (United Kingdom)
- Macquarie Investments 2 Limited (United Kingdom)
- Macquarie Leasing NSW Pty. Limited (Australia)
- Macquarie Leasing Pty. Limited (Australia)
- Macquarie Life Limited (Australia)
- Macquarie Physical Metals (USA) Inc. (United States)
- Macquarie Private Debt Europe Limited (Ireland)
- Macquarie Securitisation Limited (Australia)
- Macquarie Specialist Investments Lending Limited (Australia)
- Macquarie Trading Services Inc. (United States)
- PUMA SUBFUND B-1 (Australia)
- TRAMS ABS SERIES 2015-1 (Australia)

The country of incorporation has been stated in brackets next to the name of the subsidiary
Overseas subsidiaries conduct business predominantly in their place of incorporation.
Beneficial interest in all material subsidiaries is $100 \%$.
All material subsidiaries have a 31 March reporting date.
In accordance with ASIC instruments 15-0518 and 16-0119 the Consolidated Entity has been granted relief under section 340 of the Act from synchronising the year-end of the following consolidated entities to 31 March:

- Macquarie Energy Mexico, S. de R.L. de C.V. (formerly Macquarie Gas de Sonora S. De R.L de C.V.)
- Comercializadora Energia de la Reforma S. de R.L. de C.V.


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## Note 17

## Deed of cross guarantee

On 26 March 2009 the Company, Macquarie Americas Holdings Pty Limited, Macquarie Corporate and Asset Finance Limited, Macquarie Property Investment Management Holdings Limited and Pacific Rim Operations Limited entered into a deed of cross guarantee (the deed) under which each company guarantees the debts of the others. On 25 February 2010, Macquarie Australia Pty Limited entered the deed and on 22 March 2010 Boston Australia Pty Limited and MTF Holdings Pty Limited entered the deed. On the 18 April 2013, the deed was revoked in respect of Macquarie Property Investment Management Holdings Limited. On 31 March 2014, Macquarie NZ Holdings Pty Limited, Macquarie Mortgages Canada Holdings Pty Limited and Macquarie Leasing NSW Pty Limited entered the deed. On 30 March 2016, Macquarie Investors Pty Limited entered the deed. The wholly owned entities that had entered in the deed are extended licence entities, do not have any external debts and were relieved from the requirement to prepare a financial report and directors' report under Class Order 98/1418 (as amended) issued by the Australian Securities and Investments Commission. During the current year, ASIC has replaced the abovementioned Class Order with a new legislative instrument ASIC Corporations (Wholly owned Companies) Instrument 2016/785. Under the new instrument, APRA regulated companies are not eligible to rely on the ASIC Class Order relief for financial reporting obligations under Part 2M. 3 of the Corporations Act 2001 (Cth). MBL is an APRA regulated entity. The Company and the other entities which were party to the deed executed a deed of revocation on 30 March 2017 and lodged that deed with ASIC on the same day. Subject to all relevant conditions being satisfied these companies will be released from the Deed Of Cross Guarantee on 30 September 2017. The table below presents the prior financial year information only.

Consolidated income statements of the Closed Group for the financial year ended 31 March 2016:

|  | 2016 $\$ \mathrm{~m}$ |
| :---: | :---: |
| Interest and similar income | 4,142 |
| Interest expense and similar charges | $(2,770)$ |
| Net interest income | 1,372 |
| Fee and commission income | 559 |
| Net trading income | 1,370 |
| Share of net profits of associates and joint ventures accounted for using the equity method | - |
| Other operating income and charges | 2,979 |
| Net operating income | 6,280 |
| Employment expenses | $(1,039)$ |
| Brokerage, commission and trading-related expenses | (439) |
| Occupancy expenses | (84) |
| Non-salary technology expenses | (133) |
| Other operating expenses | $(1,208)$ |
| Total operating expenses | $(2,903)$ |
| Operating profit before income tax | 3,377 |
| Income tax expense | (243) |
| Profit from continuing operations after income tax | 3,134 |
| Profit from discontinued operations (net of income tax) | 641 |
| Profit from continuing and discontinued operations attributable to equity holders of the Closed Group | 3,775 |
| Summary of movements in consolidated retained earnings |  |
| Retained earnings at the beginning of the financial year | 1,872 |
| Profit attributable to equity holders of the Closed Group | 3,775 |
| Dividends paid or provided for | $(3,570)$ |
| Retained earnings at the end of the financial year | 2,077 |

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## NOTE 17

Deed of cross guarantee continued
Consolidated statement of financial position of the Closed Group as at 31 March 2016:

|  | 2016 $\$ \mathrm{~m}$ |
| :---: | :---: |
| Assets |  |
| Receivables from financial institutions | 28,296 |
| Trading portfolio assets | 18,156 |
| Derivative assets | 15,137 |
| Investment securities available for sale | 8,494 |
| Other assets | 4,340 |
| Loan assets held at amortised cost | 58,569 |
| Other financial assets at fair value through profit or loss | 1,005 |
| Due from related body corporate entities | 32,875 |
| Due from subsidiaries | 1,032 |
| Property, plant and equipment | 374 |
| Interests in associates and joint ventures accounted for using the equity method | 73 |
| Intangible assets | 142 |
| Investments in subsidiaries | 3,750 |
| Deferred tax assets | 267 |
| Assets of disposals group classified as held for sale | 85 |
| Total assets | 172,595 |
| Liabilities |  |
| Trading portfolio liabilities | 4,824 |
| Derivative liabilities | 13,474 |
| Deposits | 50,952 |
| Other liabilities | 4,562 |
| Payables to financial institutions | 17,468 |
| Other financial liabilities at fair value through profit or loss | 4,062 |
| Due to related body corporate entities | 5,909 |
| Due to subsidiaries | 14,960 |
| Debt issued at amortised cost | 40,242 |
| Provisions | 57 |
| Deferred tax liabilities | 139 |
| Total liabilities excluding loan capital | 156,649 |
| Loan capital |  |
| Loan capital | 4,078 |
| Total loan capital | 4,078 |
| Total liabilities | 160,727 |
| Net assets | 11,868 |
| Equity |  |
| Contributed equity | 9,808 |
| Reserves | (17) |
| Retained earnings | 2,077 |
| Total equity | 11,868 |

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|  | CONSOLIDATED |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | 2017 | 2016 | 2017 | COMPANY |
|  | 2016 |  |  |  |
|  | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ |

## NOTE 18

Deferred tax assets/(liabilities)
The balance comprises temporary differences attributable to:

| Tax losses | 288 | 315 | 4 | 11 |
| :---: | :---: | :---: | :---: | :---: |
| Fixed assets | 93 | 78 | 93 | 76 |
| Intangible assets | 6 | 7 | 4 | 5 |
| Other assets and liabilities | 534 | 460 | 324 | 266 |
| Investments | 51 | 75 | 70 | 79 |
| Leasing and financial instruments | 5 | 12 | - | - |
| Set-off of deferred tax liabilities | (815) | (778) | (176) | (158) |
| Total deferred tax assets | 162 | 169 | 319 | 279 |
| Leasing and financial instruments | $(1,025)$ | (908) | (166) | (158) |
| Other assets and liabilities | (216) | (209) | (130) | (138) |
| Fixed assets | (18) | (1) | - | - |
| Intangible assets | (4) | (4) | - | - |
| Investments | (36) | (62) | (11) | - |
| Set-off of deferred tax assets | 815 | 778 | 176 | 158 |
| Total deferred tax liabilities | (484) | (406) | (131) | (138) |
| Net deferred tax (liabilities)/assets | (322) | (237) | 188 | 141 |

The majority of the above amounts are expected to be recovered after 12 months of the balance date by the Consolidated Entity and the Company.
Potential tax assets of approximately $\$ 60$ million (2016: $\$ 64$ million) attributable to tax losses carried forward by subsidiaries and other timing differences have not been brought to account in the Consolidated Entity as the Directors do not believe the realisation of the tax assets is probable. Included in this amount are gross losses of $\$ 1$ million (2016: $\$ 4$ million) that will expire in $2-5$ years and $\$ 25$ million (2016: $\$ 128$ million) that will expire in $10-20$ years. $\$ 271$ million (2016: $\$ 261$ million) of gross losses do not expire and can be carried forward indefinitely.

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|  |  | CONSOLIDATED |  | COMPANY |
| :--- | ---: | ---: | ---: | ---: |
|  |  | 2017 | 2016 | 2017 |

NOTE 21
Other Liabilities

| Due to brokers and customers | $\mathbf{3 , 4 4 0}$ | $\mathbf{2 , 1 4 8}$ | $\mathbf{3 , 3 2 1}$ | 2,043 |
| :--- | ---: | ---: | ---: | ---: |
| Creditors | $\mathbf{2 , 8 4 9}$ | 1,929 | $\mathbf{1 , 5 9 5}$ | $\mathbf{1 , 1 4 4}$ |
| Accrued charges, income received in advance and other liabilities | $\mathbf{1 , 1 6 2}$ | 1,158 | $\mathbf{5 4 2}$ | 624 |
| Aircraft and rail maintenance liabilities | $\mathbf{7 8 2}$ | 772 | $\mathbf{6 5 7}$ | 669 |
| Life investment linked contracts and other unitholder liabilities | 714 | 771 | - | - |
| Liabilities of disposal groups classified as held for sale | 217 | - | - | - |
| Income tax payable | $\mathbf{2 1 1}$ | 343 | $\mathbf{1 0 1}$ | $\mathbf{1 3 8}$ |
| Total other liabilities | $\mathbf{9 , 3 7 5}$ | 7,121 | $\mathbf{6 , 2 1 6}$ | $\mathbf{4 , 6 1 8}$ |

NOTE 22
Payables to financial institutions

| Borrowings from banks | $\mathbf{7 , 3 5 7}$ | 11,683 | $\mathbf{4 , 3 3 3}$ | 8,598 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Cash collateral on securities lent and repurchase agreements | $\mathbf{6 , 8 7 9}$ | 8,872 | $\mathbf{6 , 8 7 9}$ | 8,870 |
| Total payables to financial institutions | $\mathbf{1 4 , 2 3 6}$ | 20,555 | $\mathbf{1 1 , 2 1 2}$ | $\mathbf{1 7 , 4 6 8}$ |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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NOTE 23
Debt issued at amortised cost

| Debt issued at amortised cost ${ }^{(1)}$ | 43,137 | 55,142 | 29,691 | 40,242 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Total debt issued at amortised cost | 43,137 | 55,142 | 29,691 | 40,242 |

(1) Included within this balance are amounts payable to SPE note holders and debt holders of $\$ 13,430$ million (2016: $\$ 14.939$ million). The Consolidated Entity and the Company have not had any defaults of principal, interest or other breaches with respect to its debt during the financial years reported.

Reconciliation of debt issued at amortised cost by major currency
(In Australian dollar equivalent):

| United States dollar | 18,379 | 25,278 | 17,032 | 23,849 |
| :---: | :---: | :---: | :---: | :---: |
| Australian dollar | 14,877 | 15,887 | 3,148 | 2,972 |
| Euro | 5,650 | 7,295 | 5,282 | 6,742 |
| Swiss franc | 1,912 | 2,013 | 1,912 | 2,013 |
| Great British pound | 767 | 3,055 | 767 | 3,055 |
| Japanese yen | 715 | 724 | 715 | 724 |
| Hong Kong dollar | 222 | 224 | 222 | 224 |
| Yuan renminbi | 218 | 230 | 218 | 230 |
| Norwegian krone | 153 | 164 | 153 | 164 |
| Canadian dollar | 125 | 129 | 123 | 126 |
| Korean won | 107 | 104 | 107 | 104 |
| Others | 12 | 39 | 12 | 39 |
| Total | 43,137 | 55,142 | 29,691 | 40,242 |

The Consolidated Enlity's and the Company's primary sources for domestic and international debt funding are their multi-currency, multi-jurisdictional Debt Instrument Program and domestic NCD issuance.

## NOTE 24

Other financial liabilities at fair value through profit or loss

| Structured notes ${ }^{(1),(2)}$ | 1,934 | 2,307 | 3,921 | 4,062 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Total other financial liabilities at fair value through profit or loss | 1,934 | 2,307 | 3,921 | 4,062 |

(1) Includes debt instruments on which the return is linked to commodities, equities, currencies, interest rates or other assets
(2) Includes cumulative fair value losses of $\$ 12$ million (2016 $\$ 49$ millon gains) due to changes in the Consolidated Entity's credit risk

The amount that would be contractually required to be paid at maturity to the holders of the financial liabilities designated at fair value through profit or loss for the Consolidated Entity is $\$ 2,684$ million ( 2016 : $\$ 2,767$ million) and for the Company is $\$ 4,672$ million (2016: $\$ 4,521$ million)

Reconciliation of other financial liabilities at fair value through profit or loss by major currency
(In Australian dollar equivalent):

| United States dollar | $\mathbf{1 , 8 1 3}$ | 2,113 | $\mathbf{1 , 8 1 3}$ | 2,113 |
| :--- | ---: | ---: | ---: | ---: |
| Australian dollar | $\mathbf{5 6}$ | 60 | 2,061 | 1,856 |
| South African rand | $\mathbf{4 2}$ | 56 | 42 | 56 |
| Euro | 19 | 50 | $\mathbf{1}$ | 14 |
| Others | $\mathbf{4}$ | 28 | $\mathbf{4}$ | 23 |
| Total | $\mathbf{1 , 9 3 4}$ | 2,307 | $\mathbf{3 , 9 2 1}$ | 4,062 |

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## NOTE 25

## Capital management strategy

The Consolidated Entity's and the Company's capital management strategy is to maximise shareholder value through optimising the level and use of capital resources, whilst also providing the flexibility to take advantage of opportunities as they may arise.
The Consolidated Entity's capital management objectives are to:

- continue to support the Consolidated Entity's credit rating
- ensure sufficient capital resource to support the Consolidated Entity's business and operational requirements
- maintain sufficient capital to exceed externally imposed capital requirements, and
- safeguard the Consolidated Entity's ability to continue as a going concern.
The Consolidated Entity's capital management strategy uses both internal and external measures of capital. Internally, the Consolidated Entity has developed an Economic Capital Adequacy Model (ECAM) that is used to quantify the Company's aggregate level of risk. The economic capital framework complements the management of specific risk types such as equity, credit, market and operational risk by providing an aggregate view of the Company's risk profile. The economic capital model is used to support business decision-making and has three main applications:
- capital adequacy assessment
- risk appetite setting, and
- risk-adjusted performance measurement.

The Consolidated Entity is subject to minimum capital requirements externally imposed by APRA, following the guidelines developed by the Basel Committee on Banking Supervision. APRA requires the Consolidated Entity to have an Internal Capital Adequacy Assessment Process (ICAAP) that is Board approved and which meets a range of minimum requirements. The Consolidated Entity reports to APRA under Basel III capital requirements and is accredited under the Foundation Internal Ratings Based Approach (FIRB) for credit risk, the Advanced Measurement Approach (AMA) for operational risk, the internal model approach for market risk and the internal model approach for interest rate risk in the banking book. The capital ratios disclosed in this report are relevant for comparisons with banks regulated by APRA.

Regulatory capital requirements are measured for the Company and certain subsidiaries which meet the definition of Extended Licensed Entities (Level 1 reporting), and for the Banking Group (Level 2 reporting). Level 2 consists of the Company, its subsidiaries and its immediate parent less certain subsidiaries of the Company which are deconsolidated for APRA reporting purposes. These include mortgage and leasing special purpose vehicles (SPVs) and entities conducting insurance, funds management and non-financial operations.
Under Basel III rules, APRA requires Authorised Deposit-taking Institutions (ADIs) to have a minimum ratio of tier 1 capital to risk weighted assets (RWA) of $8.5 \%$ including $2.5 \%$ of capital conservation buffer, with at least $7.0 \%$ in the form of Common Equity Tier 1 capital. In addition APRA may impose ADI-specific minimum capital ratios which may be higher than these levels.
The Consolidated Entity's Common Equity Tier 1 capital consists of share capital, retained earnings, and certain reserves, net of deductions. Additional Tier 1 capital consists of hybrid instruments. The hybrid instruments include Macquarie Additional Capital Securities, Macquarie Income Securities, Macquarie Income Preferred Securities (redeemed in June 2015), Exchangeable Capital Securities, and Macquarie Bank Capital Notes. Information on details of capital instruments is available in the Regulatory Disclosures section of the Macquarie public website. Deductions from Common Equity Tier 1 capital include intangibles, certain capitalised expenses and deferred tax assets In addition, APRA's Basel III rules require that equity investments and investments in subsidiaries that are insurance entities, fund management entities, special purpose securitisation entities and non-financial entities are fully deducted from Common Equity Tier 1 capital. The Consolidated Entity's Tier 2 capital includes term subordinated debt, certain reserves and applicable deductions.
The Consolidated Entity and the Company have complied with all internal and external capital management requirements throughout the financial year.

## NOTES TO THE FINANCIAL STATEMENTS

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## NOTE 26

## Loan capital

## Subordinated debt

Agreements between the Consolidated Entity and the lenders provide that, in the event of liquidation, entitlement of such lenders to repayment of the principal sum and interest thereon is and shall at all times be and remain subordinated to the rights of all other present and future creditors of the Consolidated Entity. Details of selected capital instruments with conditional repayment obligations are discussed below.

## Macquarie Bank Capital Notes (BCN)

On 8 October 2014, the Company issued 4.3 million BCN at face value of $\$ 100$ each. These instruments are non-cumulative and unsecured and may be redeemed at face value on 24 March 2020, 24 September 2020 or 24 March 2021 (subject to certain conditions being satisfied) or earlier in specified circumstances at the discretion of the Company, subject to APRA's written approval.
BCN may also be exchanged into a variable number of MGL ordinary shares (subject to certain conditions being satisfied) on these redemption dates or mandatorily exchanged on 24 March 2023. The BCN may also be exchanged earlier on an acquisition event (where a person acquires control of MGL or the Company) or where APRA determines the Company would be non-viable without an exchange or a public sector injection of capital (or equivalent support).
In the event of an exchange, BCN Holders will receive up to approximately $\$ 101$ worth of MGL ordinary shares per BCN held The total number of ordinary shares that would be issued if all BCN were exchanged at 31 March 2017 would be $4,923,360$ ( 31 March 2016: $6,496,151$ ). The maximum number of ordinary shares that can be issued on an exchange is $37,056,481$.
The BCN pay discretionary, floating rate cash distributions equal to 180 -day BBSW plus a fixed margin of $3.30 \%$ per annum, adjusted for franking credits, paid semi-annually. If interest is not paid on the BCN, the Company will be restricted from paying dividends or returning capital on ordinary shares until the next interest payment date.

## Exchangeable Capital Securities (ECS)

On 26 March 2012, the Company, acting through its London Branch, issued \$US250 million of ECS.
The ECS, being unsecured subordinated notes, pay discretionary, non-cumulative interest of $10.25 \%$ per annum, payable semi-annually in arrears, with the rate to be reset on 20 June 2017 (and each fifth anniversary thereafter) if the ECS remain outstanding after this time. If interest is not paid on the ECS, the Company and MGL will be restricted from paying dividends or returning capital on their ordinary shares until the next interest payment date.
Subject to certain conditions being met, the ECS will be exchanged for a variable number of fully paid ordinary shares of MGL on 20 June 2017, or on any interest payment date thereafter, with exchange to occur no later than 20 June 2057. The ECS may also be exchanged earlier on an acquisition event (where a person acquires control of the Company and MGL), where the Company's common equity Tier 1 capital ratio falls below $5.125 \%$, or where APRA determines the Company would be non-viable without an exchange or a public sector injection of capital (or equivalent support).

If exchange occurs, a variable number of MGL's ordinary shares will be issued at a $5 \%$ discount to the share price, as quoted on the ASX and converted to US dollars, determined over a period immediately prior to the date of that exchange.
No ECS were exchanged during the financial year. The total number of MGL ordinary shares that would be issued if all ECS were exchanged at 31 March 2017 would be 3,904,622 ( 31 March 2016: $5,134,261$ ). The maximum number of ordinary shares that can be issued on an exchange is $17,689,525$.
The ECS will only be redeemable, subject to APRA's written approval, at the discretion of MBL in limited circumstances, including following a change in law that has an impact on the regulatory or tax treatment of the ECS.
As at 31 March 2017, the remaining principal liability related to the ECS was $\$$ US250 million (31 March 2016: $\$$ US250 million).
Subsequent to 31 March 2017. MBL announced that it intends to buy back \$US250 million ECS in June 2017.

## Macquarie Additional Capital Securities (MACS)

On 8 March 2017, the Company, acting through its London Branch, issued \$US750 million of MACS.
The MACS, being unsecured subordinated notes, pay discretionary, non-cumulative interest of $6.125 \%$ per annum, payable semi-annually in arrears, with the rate to be reset on the tenth anniversary (and each fifth anniversary thereafter), if the MACS remain outstanding after this time. If interest is not paid on the MACS, the Company will be restricted from paying dividends or returning capital on its ordinary shares until the next interest payment date.
The MACS may be exchanged on an acquisition event (where a person acquires control of the Company or MGL), where the Company's common equity Tier 1 capital ratio falls below $5.125 \%$, or where APRA determines MBL would be non-viable without an exchange or a public sector injection of capital (or equivalent support).
If exchange occurs, a variable number of MGL ordinary shares will be issued at a $1 \%$ discount to the share price, as quoted on the ASX and converted to US dollars, determined over a period immediately prior to the date of that exchange.
No MACS were exchanged during the financial year. The total number of MGL ordinary shares that would be issued if all MACS were exchanged at 31 March 2017 would be 11,189,774. The maximum number of ordinary shares that can be issued on an exchange is $57,498,886$.
The MACS will only be redeemable, subject to APRA's written approval, at the discretion of MBL in limited circumstances, including following a change in law that has an impact on the regulatory or tax treatment of the MACS.
As at 31 March 2017, the remaining principal liability related to the MACS was $\$ U S 750$ million.

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NOTE 26
Loan capital continued
Maturity of loan capital:

| Less than 12 months | 83 | 88 | 83 | 88 |
| :---: | :---: | :---: | :---: | :---: |
| 30 May 2019 | 1 | 3 | 1 |  |
| 21 September 2020 | 689 | 754 | 689 | 754 |
| 7 April 2021 | 1,149 | 1,456 | 1,149 | 1,456 |
| 10 June 2025 | 978 | 1,037 | 978 | 1,037 |
| Instruments with a conditional repayment obligation: |  |  |  |  |
| BCN | 430 | 430 | 430 | 430 |
| ECS | 327 | 326 | 327 | 326 |
| MACS | 980 | - | 980 |  |
|  | 4,637 | 4,094 | 4,637 | 4,094 |
| Less directly attributable issue cost | (22) | (16) | (22) | (16) |
| Total loan capital ${ }^{(1)}$ | 4,615 | 4,078 | 4,615 | 4,078 |

Reconciliation of loan capital by major currency:
(In Australian dollar equivalent):

| United States dollars | $\mathbf{3 , 4 9 8}$ | 2,889 | $\mathbf{3 , 4 9 8}$ | 2,889 |
| :--- | ---: | ---: | ---: | ---: |
| Euro | $\mathbf{7 0 9}$ | 775 | $\mathbf{7 0 9}$ | 775 |
| Australian dollars | $\mathbf{4 3 0}$ | $\mathbf{4 3 0}$ | $\mathbf{4 3 0}$ | 430 |
|  | $\mathbf{4 , 6 3 7}$ | 4,094 | $\mathbf{4 , 6 3 7}$ | 4,094 |
| Less directly attributable issue cost | $\mathbf{( 2 2 )}$ | $(16)$ | $\mathbf{( 2 2 )}$ | $\mathbf{( 1 6 )}$ |
| Total loan capital ${ }^{(1)}$ | $\mathbf{4 , 6 1 5}$ | 4,078 | $\mathbf{4 , 6 1 5}$ | $\mathbf{4 , 0 7 8}$ |

(1) The balance includes fair value hedge accounting adjustments

The Consolidated Entity and the Company have not had any defaults of principal, interest or other breaches with respect to their loan capital during the financial years reported

In accordance with APRA guidelines, the Consolidated Entity includes the BCN, ECS and MACS as Additional Tier 1 capital and the applicable portion of the remaining loan capital as Tier 2 capital.

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## NOTE 27

Contributed equity

|  | CONSOLIDATED AND COMPANY |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Ordinary share capital ${ }^{(1)}$ |  |  |  |  |
| Opening balance of fully paid ordinary shares | 589,276,303 | 552,066,999 | 9,328 | 8,528 |
| Issue of shares to Macquarie B.H. Pty Limited on 16 December 2015 at $\$ 21.50$ per share | - | 27,906,978 | - | 600 |
| Issue of shares to Macquarie B.H. Pty Limited on 23 March 2016 at $\$ 21.50$ per share | - | 9,302,326 | - | 200 |
| Closing balance of fully paid ordinary shares | 589,276,303 | 589,276,303 | 9,328 | 9,328 |

(1) Ordinary shares have no par value

|  | CONSOLIDATED |  |  | COMPANY |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Equity contribution from ultimate parent entity |  |  |  |  |
| Balance at the beginning of the financial year | 163 | 163 | 89 | 79 |
| Additional paid up capital | 29 | - | 4 | 10 |
| Balance at the end of the financial year | 192 | 163 | 93 | 89 |

MEREP awards are primarily settled in MGL ordinary shares. Where MEREP Awards are issued by MGL to employees of the Consolidated Entity, and MGL is not subsequently reimbursed by the Consolidated Entity or the Company, the Consolidated Entity or the Company recognises the grant date fair value of the award net of tax as a capital contribution from MGL. If issued awards expire, the reversal of the original contribution is recognised as a return of capital. For further information regarding the terms and conditions of MEREP refer to Note 32 - Employee equity participation.

|  | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Macquarie Income Securities |  |  |  |  |
| 4,000,000 Macquarie Income Securities of \$100 each | 400 | 400 | 400 | 400 |
| Less transaction costs for original placement | (9) | (9) | (9) | (9) |
| Total Macquarie Income Securities | 391 | 391 | 391 | 391 |
| Contributed equity | 9,911 | 9,882 | 9,812 | 9,808 |

The MIS listed for trading on the ASX on 19 October 1999 and became redeemable (in whole or in part) at the Company's discretion on 19 November 2004. They are classified as equity in accordance with AASB 132 Financial Instruments: Presentation. Interest is paid quarterly at a floating rate of Bank Bill Swap Rate (BBSW) plus $1.7 \%$ p.a. Payment of interest to holders is subject to certain conditions, including the profitability of the Company. They are a perpetual instrument with no conversion rights.

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|  |  |  |
| :--- | ---: | ---: | ---: |

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|  | CONSOLIDATED |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | 2017 | 2016 | 2017 | COMPANY |
|  | 2016 |  |  |  |
|  | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ |

## NOTE 28

Reserves, retained earnings and non-controlling interests continued
Non-controlling interests ${ }^{(1)}$

| Share capital and partnership interests | 56 | 46 | - |
| :--- | ---: | ---: | ---: |
| Accumulated losses | $(48)$ | $(34)$ | - |
| Total non-controlling interests | 8 | 12 | - |

(1) NCI represents equity in a subsidiary that is not attributable, directly or indirectly, to the parent company. As such, it is ineligible to absorb losses arising elsewhere within the Consolidated Entity

## NOTE 29

Notes to the statements of cash flows
Reconciliation of cash and cash equivalents
Cash and cash equivalents at the end of the financial year are reflected in the related items in the statements of financial position as follows:

| Receivables from financial institutions ${ }^{(1)}$ | $\mathbf{7 , 6 0 6}$ | 7,573 | $\mathbf{6 , 1 6 2}$ | 5,168 |
| :--- | ---: | ---: | ---: | ---: |
| Trading portfolio assets ${ }^{(2)}$ | $\mathbf{1 , 0 6 1}$ | 247 | $\mathbf{4 7 4}$ | 247 |
| Debt investment securities available for sale ${ }^{(3)}$ | 324 | 1,491 | $\mathbf{3 2 4}$ | 1,491 |
| Loan assets held at amortised cost ${ }^{(4)}$ | $\mathbf{1 , 1 7 3}$ | 3,399 | $\mathbf{1 , 1 6 2}$ | $\mathbf{1 , 7 9 5}$ |
| Cash and cash equivalents at the end of the financial year ${ }^{(5)}$ | $\mathbf{1 0 , 1 6 4}$ | 12,710 | $\mathbf{8 , 1 2 2}$ | $\mathbf{8 , 7 0 1}$ |

(1) Includes cash at bank, overnight cash at bank, other loans to banks and amounts due from clearing houses
(2) Includes certificates of deposit, bank bills treasury notes and other short-term debt securities.
(3) Includes short-term debt securities
(4) Includes margin balances at call
(5) Cash and cash equivalents include $\$ 5,011$ million (31 March 2016 \$5,480 million) in the Consolidated Entity and $\$ 3,656$ million ( 31 March 2016. $\$ 2.978$ million) in the Company in escrow accounts which are restricted for use or held by collateralised securitisation vehicles in segregated deposit fund
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| COMPANY | CONSOLIDATED |  |  |
| :--- | ---: | ---: | ---: |
|  | 2017 | 2016 | 2017 |

## NOTE 29

Notes to the statements of cash flows cantinued
Reconciliation of profit after income tax to net cash flows (used in)/from operating activities

| Profit after income tax | 1,221 | 2,095 | 648 | 3,660 |
| :---: | :---: | :---: | :---: | :---: |
| Adjustments to profit after income tax: |  |  |  |  |
| Depreciation and amortisation | 775 | 731 | 61 | 63 |
| Fair value changes on financial assets and liabilities at fair value through profit or loss and transfer of available for sale reserve to income statement on realisation of investment | (733) | 349 | (972) | 1,009 |
| In specie distribution received | - | - | - | $(2,121)$ |
| Provision and impairment charge on financial and non-financial assets | 337 | 617 | 418 | 463 |
| Interest on available for sale debt securities | - | (40) | - | - |
| Profit from discontinued operations | - | $(1,040)$ | - | (641) |
| Net gains on sale of investment securities available for sale, associates and joint ventures and assets under operating lease | (526) | (32) | (131) | 21 |
| Share of net losses/(profits) of associates and joint ventures accounted for using the equity method | 19 | (22) | - | - |
| Capitalisation of development cost of intangible assets | (10) | (69) | (10) | (69) |
| Changes in assets and liabilities: |  |  |  |  |
| Change in carrying values of associates and joint ventures due to dividends received | 9 | 12 | - | - |
| Change in fees and non-interest income receivable | 13 | 27 | 12 | 21 |
| Change in fees and commissions payable | (36) | 19 | (29) | 16 |
| Change in tax balances | 333 | 116 | (25) | 164 |
| Change in provisions for employee entitlements | (2) | (4) | (3) | (4) |
| Change in assets under operating lease, net of depreciation and foreign exchange movements | (301) | (694) | (245) | - |
| Change in loan assets | 318 | $(1,080)$ | 4,310 | $(9,279)$ |
| Change in margin money placed | $(1,113)$ | 295 | (213) | 570 |
| Change in debtors, prepayments, accrued charges and creditors | 430 | 245 | (14) | (65) |
| Change in net trading portfolio assets and liabilities and net derivative financial instruments | 3,134 | $(4,689)$ | 4,014 | $(5,234)$ |
| Change in net interest payable, amounts due to other financial institutions, deposits and other borrowings | $(9,669)$ | 15,124 | $(8,527)$ | 15,626 |
| Net cash flows (used in)/from operating activities | $(5,801)$ | 11,960 | (706) | 4,200 |

## NOTES TO THE FINANCIAL STATEMENTS

## FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

continued

## NOTE 30

## Related party information

## Ultimate and immediate parent entities

The Company's ultimate parent entity is MGL. The Company's immediate parent entity is Macquarie B.H. Pty Limited. Both MGL and Macquarie B.H. Pty Limited are incorporated in Australia. MGL produces financial statements that are available for public use.
Transactions between the Consolidated Entity and the ultimate and immediate parent entities principally arise from the provision and repayment of loans and the provision of management and administration services.
MGL as the ultimate parent entity of the Macquarie Group is the head entity of the Australian tax consolidated group. The terms and conditions of this agreement are set out in Note 1 (vii) - Taxation. Amount receivable from MGL includes amount receivable by the Company under the tax funding agreement of the tax consolidated group.
Balances outstanding with MGL are included in Due from related body corporate entities and Due to related body corporate entities, as appropriate, in the statement of financial position. The following balances with the ultimate parent entity were outstanding as at the financial year end:

|  | CONSOLIDATED |  |  | COMPANY |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ 000 \end{array}$ | $\begin{array}{r} 2016 \\ \$ ' 000 \end{array}$ | $\begin{array}{r} 2017 \\ \$ \prime 000 \end{array}$ | $\begin{array}{r} 2016 \\ \$ 000 \end{array}$ |
| Amounts receivable ${ }^{(1)}$ | 184,052 | 122,834 | 128,370 | 63,815 |

(1) As described in Note 1 (xxii) - Performance based remuneration, the amounts receivable by the Company includes $\$ 100,929$ thousand (2016: $\$ 89,189$ thousand) for amounts paid in advance for MEREP awards offered to its employees and yet to be recognised as a sharebased payment expense.

## Subsidiaries

Transactions between the Company and its subsidiaries principally arise from the provision of banking and other financial services, the granting of loans and acceptance of funds on deposit, derivative transactions, the provision of management and administration services and the provision of guarantees. Significant transactions between the Company and its subsidiaries are disclosed below.
All transactions with subsidiaries are in accordance with regulatory requirements, the majority of which are on commercial terms. All transactions undertaken during the financial year with subsidiaries are eliminated in the consolidated financial statements. Amounts due from and due to subsidiaries are presented separately in the statement of financial position of the Company except when the parties have the legal right and intention to offset.
Balances arising from lending and borrowing activities between the Company and subsidiaries are typically repayable on demand, but may be extended on a term basis and where appropriate may be either subordinated or collateralised.
The Company enters into legal arrangements with certain subsidiaries and their customers whereby security deposits and maintenance claims are defeased to the Company. This removes the legal requirement for the subsidiary to reimburse the external counterpart and that liability sits with the Company. As of 31 March 2017 these defeased balances were $\$ 572,769$ thousand (2016: $\$ 583,701$ thousand) and $\$ 122,129$ thousand (2016: $\$ 129,523$ thousand) for maintenance and security deposits respectively.
The Company has entered into a repurchase transaction and pledged collateral to its subsidiary Macquarie Bank International Ltd for managing regulatory exposures in relation to over-the-counter derivatives. As of 31 March 2017, the collateral placed was $\$ 381,410$ thousand (2016: \$nil).
A list of material subsidiaries is set out in Note 16 - Investments in subsidiaries.


## NOTE 30

Related party information continued
The following income/(expense) resulted from transactions with subsidiaries during the financial year:

|  | CONSOLIDATED |  |  | COMPANY |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$^{\prime} 000 \end{array}$ | $\begin{array}{r} 2016 \\ \$ 1600 \end{array}$ | $\begin{aligned} & 2017 \\ & \$, 000 \end{aligned}$ | $\begin{aligned} & 2016 \\ & \$ 000 \end{aligned}$ |
| Interest income | - | - | 682,693 | 568,853 |
| Interest expense | - | - | $(498,522)$ | $(433,081)$ |
| Fee and commission income | - | - | 45,845 | 184,349 |
| Other operating income | - | - | 83,289 | 124,584 |
| Dividends and distributions | - | - | 733,541 | 2,919,903 |
| Management fees, group service charges and cost recoveries | - | - | 291,805 | 356,355 |
| Other (expense)/income | - | - | $(4,825)$ | 154 |

The following balances with subsidiaries were outstanding as at the end of the financial year:

| Amounts receivable | - | - | $\mathbf{3 1 , 0 7 1 , 2 4 5} 30,347,589$ |
| :--- | :--- | ---: | ---: |
| Amounts payable | - | $-(17,479,969)(15,311,600)$ |  |

## Other related body corporate entities

Transactions between the Consolidated Entity and other related body corporate entities under common control principally arise from the provision of banking and other financial services, the granting of loans and acceptance of funds on deposit, the provision of management and administration services, facilities and accommodation and the provision of guarantees.
Balances arising from lending and borrowing activities between the Consolidated Entity and other related body corporate entities are typically repayable on demand, but may be extended on a term basis and where appropriate may be either subordinated or collateralised.
The following income/(expense) resulted from transactions with other related body corporate entities during the financial year:

|  | CONSOLIDATED |  |  | COMPANY2016$\$ \mathbf{} 1000$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 | 2017 |  |
|  | \$'000 | \$'000 | \$'000 |  |
| Interest income | 3,396 | 34,687 | 2,019 | - |
| Interest expense | $(232,263)$ | $(291,803)$ | $(181,643)$ | $(228,319)$ |
| Occupancy income | 21,169 | 20,720 | 21,169 | 20,720 |
| Fee and commission expense | $(220,674)$ | $(120,118)$ | $(196,975)$ | $(158,665)$ |
| Other operating expenses | $(1,312,102)$ | $(1,247,708)$ | $(1,084,432)$ | $(1,034,240)$ |
| Other (expense)/income | (471) | 1,318 | $(1,284)$ | 1,390 |

The following balances with other related body corporate entities were outstanding as at financial year end:

| Amounts receivable | $\mathbf{1 , 5 4 8 , 7 2 4}$ | $\mathbf{1 , 4 8 7 , 1 1 6}$ | $\mathbf{1 , 4 0 6 , 9 2 3}$ | 968,185 |
| :--- | ---: | ---: | ---: | ---: |
| Amounts payable | $\mathbf{( 7 , 3 6 7 , 1 1 9 )}$ | $(7,555,352)$ | $\mathbf{( 5 , 9 5 9 , 4 3 4 )}$ | $(5,909,630)$ |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED


## NOTE 30

Related party information continued

## Associates and joint ventures

Transactions between the Consolidated Entify and its associates and joint ventures principally arise from the provision of corporate advisory services, the granting of loans, derivative transactions and the provision of management services. All transactions undertaken with associates and joint ventures that are equity accounted are eliminated where they are unrealised, to the extent of ownership interests held by the Consolidated Entity, in the consolidated income statements.
During the financial year, the following amounts of income/(expense) resulted from transactions with associates and joint ventures:

| Interest income | $\mathbf{1 2 , 3 7 9}$ | 124,953 | $\mathbf{1 2 , 3 7 9}$ | 124,953 |
| :--- | ---: | ---: | ---: | ---: |
| Fee and commission expense | $(38,539)$ | $(35,025)$ | $(37,964)$ | $(50,756)$ |
| Brokerage and commission expense | $(4,812)$ | $(9,903)$ | $(3,937)$ | $(9,689)$ |
| Dividends and distributions $^{(1)}$ | 9,000 | 12,020 | - | - |

(1) Dividends and distributions are shown as gross amounts. Under the equity method, these amounts are not included as income but are recorded as a reduction from the carrying amount of the investment
The following balances with associates and joint ventures were outstanding as at financial year end (these exclude amounts which in substance form part of the Consolidated Entity's net investment in associates, disclosed in Note 14 - Interests in associates and joint ventures accounted for using the equity method):

| Amounts receivable | $\mathbf{2 4 2 , 2 6 2}$ | 454,881 | $\mathbf{2 2 8 , 2 7 2}$ | 454,881 |
| :--- | ---: | ---: | ---: | ---: |
| Amounts payable | $(3,488)$ | $(3,613)$ | $(3,488)$ | $(3,613)$ |

Balances arising from lending and borrowing activities between the Consolidated Entity and its associates and joint ventures are typically extended on a term basis and where appropriate may be either subordinated or collateralised.

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NOTE 31
Key Management Personnel disclosure

## Key Management Personnel

The following persons were Directors of the Bank during the financial years ended 31 March 2017 and 31 March 2016, unless indicated:

Executive Voting Directors ${ }^{(1)}$

| N.W. Moore | Macquarie Managing Director and CEO |
| :--- | :--- |
| M.J. Reemst | Macquarie Bank Managing Director and CEO |

Non-Executive Directors
P.H. Warne ${ }^{(2)} \quad$ Chairman
G.R. Banks AO
G.M. Cairns
M.J. Coleman
P.A. Cross
D.J. Grady AM
M.J. Hawker AM
N.M. Wakefield Evans

Former Non-Executive Director
H.K. McCann AM (retired effective 31 March 2016)

In addition to the Executive Directors listed above, the following persons also had authority and responsibility for planning, directing and controlling the activities of the Consolidated Entity during the past two financial years ended 31 March 2017 and 31 March 2016, unless otherwise indicated.
Current Executives ${ }^{(1)}$
S.D. Allen CRO, Head of RMG
B.A. Brazil Co-Head of CAF
A.J. Downe Head of CGM
G.A. Farrell Co-Head of CAF
M. McLaughlin Country Head, United States of America
N. Sorbara COO, Head of COG
P.C. Upfold CFO, Head of FMG
G.C. Ward Macquarie Group Deputy Managing Director and Head of BFS
S. Wikramanayake Head of MAM

Former Executive
S. Vrcelj Former Head of MSG (ceased to be a member of the Executive Committee on 29 November 2016)

The remuneration arrangements for all of the persons listed above are described on pages 29 to 36 of the Remuneration Report, contained in the Directors' Report.
(1) The Executive Voting Directors and all current Executives are members of the Company's Executive Committee as at 5 May 2017
(2) PH Warne commenced as Chairman of the MBL Board effective 1 April 2016

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 31

Key Management Personnel disclosure continued
Key Management Personnel remuneration
The following table details the aggregate remuneration for KMP:

|  | Short-term employee benefits |  |  |  | Long-term employee benefits | Share-based payments |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Salary and fees (including superannuation) |  | Other benefits | Total short term Employee Benefits | Restricted profit share including earnings on restricted profit share ${ }^{(2)}$ | Equity awards including shares ${ }^{(3)}$ | PSUs ${ }^{(4)}$ | Total remuneration |
|  | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| Executive Remuneration |  |  |  |  |  |  |  |  |
| 2017 | 6,167,275 | 25,634,799 | - | 31,802,074 | 6,938,188 | 27,847,656 | 15,822,874 | 82,410,792 |
| 2016 | 6,272,793 | 25,888,470 | - | 32,161,263 | 5,098,692 | 21,434,595 | 14,127,550 | 72,822,100 |
| Non-Executive Remuneration |  |  |  |  |  |  |  |  |
| 2017 | 757,500 | - | 3,000 | 760,500 | - | - | - | 760,500 |
| 2016 | 815,000 | - | 4,500 | 819,500 | - | - | - | 819,500 |

(1) The cash portion of each KMP's profit share allocation for the reporting period when they were a KMP.
(2) The amount of retained profit share held via the Post-2009 DPS plan including earnings on notional investments from retained profit share in prior financial years
(3) The current year amortisation for retained profit share calculated as described in Note 1 ( $x$ xii) - Performance based remuneration
(4) The current year amortisation for PSUs calculated as described in Note 1(xxii) - Performance based remuneration Adjustments were made during the current and prior years to reduce previously recognised remuneration expense where performance hurdles have not been met, have been partially met or are not expected to be met.
Loans to KMP and their related parties
Details of loans provided by the Consolidated Entity to KMP and their related parties are disclosed in aggregate in the following tables:

| Total for key management personnel and their related parties | Opening balance at <br> 1 April \$'000 | Interest Charged $\$ 000$ | $\begin{array}{r} \text { Write } \\ \text {-downs } \\ \$ ' 000 \end{array}$ | Closing balance at 31 March ${ }^{(1)}$ \$000 |
| :---: | :---: | :---: | :---: | :---: |
| 2017 | - | - | - | - |
| 2016 | 559 | 9 | - | - |

(1) Number of persons included in the aggregate at 31 March 2017: Nil (31 March 2016. 1).

Loans and other financial instrument transactions were made by the Consolidated Entity in the ordinary course of business with related parties.

## Other transactions with Key Management Personnel and their related parties

Certain Key Management Personnel and their related parties have acquired investments in a number of products from subsidiaries within the Consolidated Entity. These products typically involve the issuance of investment units and have been financed with limited recourse loans. Some are accounted for as fee and commission income when acting on behalf of investors. This fee represents the service performed by the Consolidated Entity for transferring interest received from investors in exchange for their investment unit returns. The gross receipts by the Consolidated Entity were $\$ 2,700$ thousand (2016: $\$ 1,100$ thousand). Others are subject to swap agreements and are accounted for as derivatives by the Consolidated Entity.
All transactions with Key Management Personnel (including their related parties) were conducted on an arm's length basis in the ordinary course of business and under standard terms and conditions for other customers and employees. From an accounting perspective, amounts recognised by the Consolidated Entity in respect of these transactions are recognised net in either trading income or fee and commission income and have been disclosed below.

|  | Consolidated 2017 | Consolidated 2016 |
| :--- | ---: | ---: |
| Aggregated amounts recognised by the Consolidated Entity | $\$ \mathbf{0 0 0}$ | $\${ }^{\prime} 000$ |
| Trading income | 838 | 800 |
| Fee and commission income | 397 | 174 |

Contributions in respect of these products relate to the following Key Management Personnel: S. Wikramanayake.


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## NOTE 32

## Employee equity participation

## MEREP

MGL continues to operate the MEREP in conjunction with other remuneration arrangements.
During the financial year, MGL made changes to align the buying and selling of Macquarie shares in relation to the MEREP. MGL may elect to implement similar arrangement in future periods.

## Award Types under the MEREP

## Restricted Share Units (RSUs)

A RSU is a beneficial interest in a MGL ordinary share held on behalf of a MEREP participant by the plan trustee (Trustee).
The participant is entitled to receive dividends on the share and direct the Trustee how to exercise voting rights of the share. The participant also has the right to request the release of the share from the Trust, subject to the vesting and forfeiture provisions of the MEREP

## Deferred Share Units (DSUs)

A DSU represents the right to receive on exercise of the DSU either a share held in the Trust or a newly issued share (as determined by MGL in its absolute discretion) for no cash payment, subject to the vesting and forfeiture provisions of the MEREP. A MEREP participant holding a DSU has no right or interest in any share until the DSU is exercised. MGL may issue shares to the Trustee or direct the Trustee to acquire shares onmarket, or via a share acquisition arrangement for potential future allocations to holders of DSUs. Generally DSUs will provide for cash payments in lieu of dividends paid on MGL ordinary shares before the DSU is exercised. Further, the number of shares underlying a DSU will be adjusted upon any bonus issue or other capital reconstruction of MGL in accordance with the ASX Listing Rules, so that the holder of a DSU does not receive a benefit that holders of MGL shares do not generally receive. These provisions are intended to provide the holders of DSUs, as far as possible, with the same benefits and risks as holders of RSUs. However, holders of DSUs will have no voting rights with respect to any underlying MGL ordinary shares. DSUs will only be offered in jurisdictions where legal or tax rules make the grant of RSUs impractical, or where PSUs are structured as DSUs (see PSUs) DSUs have been granted with an expiry period of eight years

## Performance Share Units (PSUs)

All PSUs currently on issue are structured as DSUs with performance hurdles that must be met before the underlying share or cash equivalent (as the case may be) will be delivered. PSU holders have no right to dividend equivalent payments before the PSUs vest. In all other respects, holders of these PSUs will have the same rights as holders of DSUs.

## Restricted Shares

A Restricted Share is a Macquarie share transferred from the MEREP Trust and held by a MEREP participant subject to restrictions on disposal, vesting and forfeiture rules. The participant is entitled to receive dividends on, and to exercise the voting rights of, the Restricted Shares. Restricted Shares are only offered in jurisdictions where legal or tax rules make RSU/DSU awards impractical.

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## NOTE 32

Employee equity participation continued
The following is a summary of Awards which have been granted to the employees of the Consolidated Entity pursuant to the MEREP:

|  | Number of RSU awards |  |
| :--- | ---: | ---: |
|  |  |  |
| RSUs on issue at the beginning of the financial year | 2017 |  |
| Granted during the financial year | $\mathbf{7 , 1 8 4 , 6 7 4}$ | $\mathbf{2 0 1 6}$ |
| Forfeited during the financial year | $\mathbf{1 , 9 7 0 , 2 8 5}$ | $1,775,624$ |
| Vested RSUs withdrawn or sold from the MEREP during the financial year | $(135,300)$ | $(200,366)$ |
| Transfers from related body corporate entities | $(2,293,701)$ | $(2,693,958)$ |
| RSUs on issue at the end of the financial year | $(106,303)$ | $(262,567)$ |
| RSUs vested and not withdrawn from the MEREP at the end of the financial year | $\mathbf{6 , 6 1 9 , 6 5 5}$ | $\mathbf{7 , 1 8 4 , 6 7 4}$ |

The weighted average fair value of the RSU awards granted during the financial year was $\$ 72.74$ (2016: $\$ 81.55$ ).

|  | Number of DSU awards |  |
| :--- | ---: | ---: |
| DSUs on issue at the beginning of the financial year | 2017 |  |
| Granted during the financial year | $\mathbf{1 , 2 9 0 , 4 9 0}$ | $1,224,566$ |
| Forfeited during the financial year | $\mathbf{4 6 4 , 3 0 0}$ | 380,864 |
| Exercised during the financial year | $\mathbf{( 7 6 7 )}$ | $(16,025)$ |
| Transfers (to)/ from related body corporate entities | $(\mathbf{4 6 8 , 4 0 9 )}$ | $(310,427)$ |
| DSUs on issue at the end of the financial year | $\mathbf{( 4 , 4 3 8 )}$ | 11,512 |
| DSUs exercisable at the end of the financial year | $\mathbf{1 , 2 8 1 , 1 7 6}$ | $\mathbf{1 , 2 9 0 , 4 9 0}$ |

The weighted average fair value of the DSU awards granted during the financial year was $\$ 72.86$ (2016: $\$ 81.60$ ).

|  | Number of PSU awards |  |
| :--- | ---: | ---: |
|  |  |  |
| PSUs on issue at the beginning of the financial year | 2017 |  |
| Granted during the financial year | $\mathbf{4 8 2 , 4 3 1}$ | $\mathbf{2 0 1 6}$ |
| Exercised during the financial year | $\mathbf{1 4 9 , 0 7 7}$ | 117,105 |
| Transfers from related body corporate entities | $\mathbf{( 8 5 , 9 1 2 )}$ | $(142,792)$ |
| Expired during the financial year | - | 26,369 |
| PSUs on issue at the end of the financial year | $\mathbf{( 6 , 4 2 0 )}$ | $(29,311)$ |
| PSUs exercisable at the end of the financial year | $\mathbf{5 3 9 , 1 7 6}$ | $\mathbf{4 8 2 , 4 3 1}$ |

The weighted average fair value of the PSU awards granted during the financial year was $\$ 65.53$ (2016: $\$ 66.77$ ).

|  | Number of PSU awards |  |
| :---: | :---: | :---: |
|  | 2017 | 2016 |
| Restricted shares on issue at the beginning of the financial year | 46,183 | 5,518 |
| Granted during the financial year | 24,032 | 68,254 |
| Released during the financial year | $(37,730)$ | $(36,295)$ |
| Transfers from related body corporate entities | - | 8,706 |
| Restricted shares on issue at the end of the financial year | 32,485 | 46,183 |

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## NOTE 32

## Employee equity participation continued

The awards are measured at their grant dates based on their fair value and for each PSU the number expected to vest. This amount is recognised as an expense evenly over the respective vesting periods and the equity provided is treated as a capital contribution from MGL where MGL is not reimbursed or as a prepaid asset where MGL is reimbursed in advance.
RSUs/DSUs and PSUs relating to the MEREP plan for Executive Committee members have been granted in the current year in respect of 2016. The fair value of each of these grants is estimated using Macquarie's share price on the date of grant and for each PSU also incorporates a discounted cash flow method using the following key assumptions:

- interest rate to maturity: $1.84 \%$ per annum
- expected vesting dates of PSUs: 1 July 2019 and 1 July 2020
- dividend yield: 4.76\% per annum.

While RSUs and DSUs, and PSUs (for Executive Committee members) for FY2017 will be granted during FY2018, Macquarie begins recognising an expense for these awards (based on an initial estimate) from 1 April 2016. The expense is estimated using the price of MGL ordinary shares as at 31 March 2017 and the number of equity instruments expected to vest. For PSUs, the estimate also incorporates an interest rate to maturity of $2.19 \%$ per annum, expected vesting dates of PSUs of 1 July 2020 and 1 July 2021, and a dividend yield of $4.94 \%$ per annum. In the following financial year, Macquarie will adjust the accumulated expense recognised for the final determination of fair value for each RSU, DSU and PSU when granted and will use this validation for recognising the expense over the remaining vesting period.
Macquarie annually revises its estimates of the number of awards (including those delivered through MEREP) that are expected to vest. It recognises the impact of the revision to original estimates, if any, in the income statement, with a corresponding adjustment to equity within MGL's consolidated accounts.

For the financial year ended 31 March 2017, compensation expense relating to the MEREP totalled $\$ 162,719$ thousand (2016: \$129,391 thousand).
Participation in the MEREP is currently provided to the following Eligible Employees

- Executive Directors with retained Directors' Profit Share (DPS) from 2009 onwards, a proportion of which is allocated in the form of MEREP awards (Retained DPS Awards)
- staff other than Executive Directors with retained profit share above a threshold amount (Retained Profit Share Awards) and staff who were promoted to Associate Director, Division Director or Executive Director, who received a fixed Australian dollar value allocation of MEREP awards (Promotion Awards)
- Macquarie Group staff with retained commission (Commission Awards)
- Macquarie Group staff who receive a discretionary payment in recognition of contributions over a predetermined period (Incentive Awards)
- new Macquarie Group staff who commence at Associate Director, Division Director or Executive Director level and are awarded a fixed Australian dollar value, depending on level (New Hire Awards)
- members of the MBL and MGL Executive Committees who are eligible for PSUs
- in limited circumstances, Macquarie staff may receive an equity grant instead of a remuneration or consideration payment in cash. Current examples include individuals who become employees of the Group upon the acquisition of their employer by a Macquarie Group entity or who receive an additional award at the time of joining Macquarie (also referred to above as New Hire Awards).


## NOTES TO THE FINANCIAL STATEMENTS

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## NOTE 32

## Employee equity participation continued

| Award type | Level | Vesting |
| :---: | :---: | :---: |
| Retained Profit Share Awards and Promotion Awards | Below Executive Director | $1 / 3^{\text {rd }}$ in the $2^{\text {nd }}, 3^{\text {rd }}$ and $4^{\text {th }}$ year following the year of grant ${ }^{(1)}$ |
| Retained DPS Awards representing 2009 retention | Executive Director | $1 / 5^{\text {th }}$ in the $3^{\text {rd }}, 4^{\text {th }}, 5^{\text {th }}, 6^{\text {th }}$ and $7^{\text {th }}$ year following the year of grant ${ }^{(2)}$ |
| Retained DPS Awards for 2010 and all future years' retention | Executive Committee member and Designated Executive Director | $1 / 5^{\text {th }}$ in the $3^{\text {td }}, 4^{\text {th }}, 5^{\text {th }}, 6^{\text {th }}$ and $7^{\text {th }}$ year following the year of grant ${ }^{(2)}$ |
| Retained DPS Awards for 2010 and all future years' retention | All other Executive Directors | $1 / 3^{\text {rd }}$ in the $3^{\text {rd }}, 4^{\text {th }}$ and $5^{\text {th }}$ year following the year of grant ${ }^{(1)}$ |
| PSU Awards granted in relation to 2012 and following years | Executive Committee members | 50\% three and four years after the year of grant ${ }^{(3)}$ |
| Commission Awards | Below Executive Director | $1 / 3^{\text {rd }}$ in the $2^{\text {nd }}, 3^{\text {rd }}$ and $4^{\text {th }}$ year following the year of grant ${ }^{(1)}$ |
| Incentive Awards | All Macquarie Group staff | $1 / 3^{\text {rd }}$ on each first day of a staff trading window on or after the $2^{\text {nd }}, 3^{\text {rd }}$ and $4^{\text {th }}$ anniversaries of the date of allocation |
| New Hire Awards | All Director-level staff | $1 / 3^{\text {rd }}$ on each first day of a staff trading window on or after the $2^{\text {nd }}, 3^{\text {rd }}$ and $4^{\text {th }}$ anniversaries of the date of allocation |

(1) Vesting will occur during an eligible staff trading window.
(2) Vesting will occur during an eligible staff trading window. If an Executive Director has been on leave without pay (excluding leave to which the Executive Director may be eligible under local laws) for 12 months or more, the vesting period may be extended accordingly
(3) Subject to achieving certain performance hurdles - refer below

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## NOTE 32

## Employee equity participation continued

In limited cases, the Application Form for awards may set out a different vesting period, in which case that period will be the vesting period for the Award. For example, staff in jurisdictions outside Australia may have a different vesting period due to local regulatory requirements.
For Retained Profit Share Awards representing 2016 retention, the allocation price was the weighted average price of the Shares acquired for the 2016 Purchase Period, which was 17 May 2016 to 17 June 2016 inclusive. That price was calculated to be $\$ 71.55$ (2015 retention: \$80.68).
PSUs
PSUs will only be released or become exercisable upon the achievement of certain performance hurdles. Only members of the MGL and MBL Executive Committees are eligible to receive PSUs. For the PSUs allocated to Executive Committee Members, two performance hurdles have been determined and each will apply individually to $50 \%$ of the total number of PSUs awarded. Hurdles are periodically reviewed by the BRC to ensure they continue to align the interests of staff and shareholders and provide a challenging but meaningful incentive to Executive Committee members. The BRC considers historical and forecast market data, the views of corporate governance bodies, shareholders and regulators as well as market practice. No change has been made to the hurdles for this financial year.
The hurdles are outlined below.
Performance hurdle 1

|  |  | Reference Group |
| :--- | :--- | :--- |
| Hurdle | Granted after 31 March 2013 | Granted on or before 31 March 2013 |
| $50 \%$ of the PSUs based solely on the | The current reference group comprises | The reference group comprised Bank of |
| relative average annual return on ordinary | Barclays PLC, Bank of America | America Corporation, Citigroup Inc, Credit |
| equity (ROE) over the vesting period (three | Corporation, Credit Suisse Group AG, | Suisse Group AG, Deutsche Bank AG, |
| to four years) compared with a reference | Deutsche Bank AG, Goldman Sachs Group | Goldman Sachs Group Inc., JPMorgan |
| group of global financial institutions. | Inc., JPMorgan Chase \& Co., Lazard | Chase \& Co., Morgan Stanley and UBS AG |
| A sliding scale applies with 50\% becoming | Limited, Morgan Stanley and UBS AG | as well as significant Australian commercial |
| exercisable above the 50th percentile and |  | banks within the ASX 100 (ANZ Group |
| $100 \%$ vesting at the 75th percentile. |  | Limited, Commonwealth Bank of Australia, <br>  |
|  |  | National Australia Bank Limited, Westpac <br> Banking Corporation and Suncorp Metway |

Performance hurdle 2

| Hurdle | Reference Group |  |
| :---: | :---: | :---: |
|  | Granted after 31 March 2013 | Granted on or before 31 March 2013 |
| $50 \%$ of the PSUs based solely on the compound annual growth rate (CAGR) in earnings per share (EPS) over the vesting period (three to four years). | A sliding scale applies with $50 \%$ becoming exercisable at EPS CAGR of $7.5 \%$ and $100 \%$ at EPS CAGR of $12 \%$. For example, if EPS CAGR were $9.75 \%, 75 \%$ of the relevant awards would become exercisable. | A sliding scale applies with $50 \%$ becoming exercisable at EPS CAGR of $9 \%$ and $100 \%$ at EPS CAGR of $13 \%$. For example, if EPS CAGR were $11 \%, 75 \%$ of the awards would become exercisable. |

Under both performance hurdles, the objective is examined once only. Testing occurs annually on 30 June immediately before vesting on 1 July, based on the most recent financial year-end results available. To the extent that a condition is not met when examined, the PSUs due to vest will not be exercisable upon vesting, resulting in a nil benefit to Executive Committee members.

## Other arrangements

There are certain arrangements with staff that take the form of a share-based payment but that are held outside the MEREP. Employees do not have a legal or beneficial interest in the underlying shares; however the arrangements have the same economic benefits as those held in the MEREP.
Compensation expense relating to these awards for the financial year ended 31 March 2017 was $\$ 193$ thousand (2016: \$295 thousand).

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CONTINUED

## NOTE 32

## Employee equity participation continued

## Employee Share Plan

MGL continues to operate the Macquarie Group Employee Share Plan (ESP) whereby each financial year eligible employees are offered up to $\$ 1,000$ worth of fully paid ordinary Macquarie shares for no cash payment.
Shares allocated under the ESP cannot be sold until the earlier of three years after allocation or the time when the participant is no longer employed by MGL or a subsidiary of MGL. In all other respects, shares allocated rank equally with all other fully paid ordinary shares then on issue.
The latest offer under the ESP was made during November 2016. A total of 507 (2016: 602) staff participated in this offer. On 1 December 2016, the participants were each allocated 11 (2016:
12) fully paid ordinary shares based on the offer amount of $\$ 1,000$ and the then calculated average market share price of $\$ 84.13$ (2016: $\$ 82.13$ ), a total of $5,577(2016: 7,224)$ shares were allocated. The shares were allocated to staff for no cash consideration. The aggregate value of the shares allocated was deducted from staff profit share and commissions.
For the financial year ended 31 March 2017, compensation expense relating to the ESP totalled $\$ 467$ thousand (2016: \$592 thousand).

## Historical Share and Option Plans

Shares are no longer being issued under the Macquarie Group Staff Share Acquisition Plan or the Macquarie Group NonExecutive Director Share Acquisition plan. However employees and Non-Executive Directors still hold shares issued in previous years.
Options over unissued MGL fully paid shares are no longer granted under the Macquarie Group Employee Share Option Plan and no options are outstanding.

## Other plans

MGL operates other local share-based compensation plans, none of which, individually or in aggregate are material.


## NOTE 33

## Contingent liabilities and commitments

The following contingent liabilities and commitments exclude derivatives.
Contingent liabilities exist in respect of:

| Letters of credit | $\mathbf{6 8 2}$ | 708 | $\mathbf{6 8 1}$ | 701 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Performance related contingents | $\mathbf{3 0 5}$ | 315 | $\mathbf{3 2 0}$ | 315 |
| Guarantees $^{(1)}$ | $\mathbf{5 0}$ | 150 | $\mathbf{1 , 2 2 6}$ | 564 |
| Indemnities | $\mathbf{4 4}$ | 58 | $\mathbf{4 4}$ | 58 |
| Total contingent liabilities $^{(2),(3)}$ | $\mathbf{1 , 0 8 1}$ | $\mathbf{1 , 2 3 1}$ | $\mathbf{2 , 2 7 1}$ | $\mathbf{1 , 6 3 8}$ |
| Commitments exist in respect of: |  |  |  |  |
| Undrawn credit facilities and securities underwriting ${ }^{(4)}$ | $\mathbf{4 , 7 3 8}$ | 4,806 | $\mathbf{3 , 7 7 7}$ | $\mathbf{4 , 0 4 6}$ |
| Forward asset purchases | $\mathbf{8 1 6}$ | $\mathbf{7 6 1}$ | $\mathbf{7 1 9}$ | $\mathbf{7 1 9}$ |
| Total commitments | $\mathbf{5 , 5 5 4}$ | 5,567 | $\mathbf{4 , 4 9 6}$ | 4,765 |
| Total contingent liabilities and commitments | $\mathbf{6 , 6 3 5}$ | $\mathbf{6 , 7 9 8}$ | $\mathbf{6 , 7 6 7}$ | $\mathbf{6 , 4 0 3}$ |

(1) The Company guarantees the performance obligation of certain subsidiaries in relation to their external obligations.
(2) Contingent liabilities exist in respect of actual and potential claims and proceedings that arise in the conduct of the Consolidated Entity's and the Company's business. In the event it is likely that a loss is probable and can be reliably measured then a liability is recognised and the exposure is excluded from the contingent liabilities above. Other than those recognised liabilities, the Consolidated Entity and the Company is currently not engaged in any litigation or claim which is likely to have a material adverse effect on the Consolidated Entity's and the Company's business, financial condition or performance
(3) It is not practicable to ascertain the timing of any outflow and the possibility of any reimbursement related to these contingent liabilities.
4) Undrawn credit facilities are irrevocably extended to clients. These amounts include fully or partially undrawn commitments that are legally binding and cannot be unconditionally cancelled by the Consolidated Entity and the Company. Securities underwriting includes firm commitments to underwrite debt and equity securities issuances and private equity commitments

## NOTE 34

## Lease commitments

Non-cancellable operating leases expiring:

| Not later than one year | $\mathbf{8}$ | 6 | - |
| :--- | ---: | ---: | ---: |
| Later than one year and not later than five years | $\mathbf{1 8}$ | 11 | - |
| Later than five years | 3 | 4 | - |
| Total operating lease commitments | 29 | 21 | - |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 CONTINUED

## NOTE 35

## Structured entities

The Consolidated Entity engages in various transactions with Structured entities (SEs). SEs are designed so that voting or similar rights are not the dominant factor in affecting an investor's returns (for example decisions relate to administrative tasks only, and contractual arrangements determine the direction of activities). Generally, SEs do not have a range of operating and financing activities for which substantive decision making is required continuously.

## Securitisations

Securitisations involve transferring assets into a vehicle that sells beneficial interests to investors through the issue of debt and equity notes with varying levels of subordination. The notes are collateralised by the assets transferred to these vehicles and pay a return based on the returns of those assets, with residual returns paid to the most subordinated investor. These vehicles are created for securitising assets, including mortgages, finance leases, credit card receivables, of the Consolidated Entity or of its clients.
Macquarie may serve as a sponsor, servicer, underwriter, liquidity provider, derivative counterparty, purchaser of notes and/or purchaser of residual interest units. The Consolidated Entity may also provide redraw facilities or loan commitments to securitisation vehicles.

## Asset-backed financing

Asset-backed vehicles are used to provide tailored lending for the purchase or lease of assets transferred by the Consolidated Entity or its clients. The assets are normally pledged as collateral to the lenders.
The Consolidated Entity engages in raising finance for assets such as aircraft, rail cars, electronic and IT equipment. The Consolidated Entity may act as a lender, manager, derivative counterparty, purchaser of notes and/or purchaser of residual interest units or guarantor.
SEs are consolidated when they meet the criteria described in Note 1 (ii) - Principles of consolidation.

Interests held in unconsolidated structured entities Interests in unconsolidated SEs include, but are not limited to, debt and equity investments, guarantees, liquidity agreements, commitments, fees from investment structures, and fees from derivative instruments that expose the Consolidated Entity to the risks of the unconsolidated SE. Interests do not include plain vanilla derivatives (for example interest rate swaps and currency swaps) and positions where the Consolidated Entity:
(i) creates rather than absorbs variability of the unconsolidated SE (for example purchase of credit protection under a credit default swap)
(ii) acts as underwriter or placement agent, or provides administrative, trustee or other services to third party managed SEs, and
(iii) transfers assets and does not have any other interest deemed to be significant in the SE. Trading positions have been included in the following table.
Income received by the Consolidated Entity during the financial year from interests held at the reporting date relates to interest, management fees, servicing fees, dividends and gains or losses from revaluing financial instruments.

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Structured entities continued
The following tables present the carrying value and maximum exposure to loss (before the benefit of collateral and credit enhancements) of the Consolidated Entity's interests in unconsolidated SEs:


| Carrying value of assets |  |  |
| :---: | :---: | :---: |
| Trading portfolio assets | 488 | 364 |
| Derivative assets | 33 | - |
| Investment securities available for sale ${ }^{(1)}$ | 1,068 | - |
| Loan assets held at amortised cost | 504 | 381 |
| Total carrying value of assets ${ }^{(2)}$ | 2,093 | 745 |
| Maximum exposure to loss ${ }^{(3)}$ |  |  |
| Debt, equity and derivatives held | 2,093 | 745 |
| Undrawn commitments | 3 | 37 |
| Total maximum exposure to loss | 2,096 | 782 |

## Carrying value of assets

| Trading portfolio assets | 306 | 795 |
| :---: | :---: | :---: |
| Derivative assets | 36 | - |
| Investment securities available for sale ${ }^{\text {(1) }}$ | 1,404 | 83 |
| Loan assets held at amortised cost | 341 | 312 |
| Total carrying value of assets ${ }^{(2)}$ | 2,087 | 1,190 |
| Maximum exposure to loss ${ }^{(3)}$ |  |  |
| Debt, equity and derivatives held | 2,090 | 1,190 |
| Undrawn commitments | 448 | - |
| Total maximum exposure to loss | 2,538 | 1,190 |

(1) Securitsations includes $\$ 702$ million ( $2016 \$ 924$ million) of investments that are managed by the Consolidated Entity under the liquid assets holding policy descnbed in Note 37.2 - Liquidity risk
(2) Total carrying value of assets inctudes $\$ 237$ million (2016: $\$ 290$ million) in subordinated interests, included in asset backed financing activities The carrying value also represents the maximum exposure to loss.
(3) Maximum exposure to loss is the carrying value of debt, equity and derivatives held and the undrawn amount for commitments The amounts for commitments are reduced for any liabilities already recognised.

The subordinated securitisation interests are primarily trading positions that are typically managed under market risk described in Note 37.3 - Market risk. For these reasons, information on size and structure for these SEs is not considered meaningful for understanding the related risks, and so have not been presented. The subordinated asset backed interests that are included within investments available for sale and loan assets, involve unconsolidated SEs with a total size of $\$ 334$ million (2016: $\$ 457$ million). Size represents either the total assets of the SE (measured either at amortised cost excluding impairments or fair values if readily available); outstanding notional of issued notes or the principal amount of liabilities if there is nominal equity. Size is based on the most current publicly available information to the Consolidated Entity.

## NOTES TO THE FINANCIAL STATEMENTS

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## NOTE 36

## Derivative financial instruments

Objectives of holding and issuing derivative financial instruments
The Consolidated Entity is an active price-maker in derivatives on interest rates, foreign exchange, commodities and equities. Its objective is to earn profits from the price-making spread and from managing the residual exposures on hedged positions. Proprietary position taking is a small part of the Consolidated Entity's trading activities. Risks on derivatives are managed together with all other trading positions in the same market.
All trading positions, including derivatives, are marked to fair value daily.
The Consolidated Entity also uses derivatives to hedge banking operations and for asset/liability management. Certain derivative transactions may qualify as cash flow, fair value or net investment in foreign operations hedges, if they meet the appropriate strict hedge criteria outlined in Note 1(xii) - Hedge accounting:
Cash flow hedges: The Consolidated Entity is exposed to volatility in future interest cash flows arising from the consolidated securitisation vehicles and floating rate issued debt used to fund fixed rate asset positions. The aggregate principal balances and interest cash flows across these portfolios form the basis for identifying the non-trading interest rate risk of the consolidated entity, which is hedged with interest rate swaps. The Consolidated Entity is also exposed to foreign exchange risk from foreign currency denominated issued debt and foreign currency denominated assets which are hedged with cross-currency swaps.
At 31 March 2017, the fair value of outstanding derivatives held by the Company and designated as cash flow hedges was $\$ 20$ million negative value (2016: $\$ 47$ million negative value). During the financial year the Consolidated Entity recognised \$3 million of gains (2016: $\$ 2$ million losses) in the income statement due to hedge ineffectiveness on cash flow hedges. At 31 March 2017, the fair value of outstanding derivatives held by the Consolidated Entity and designated as cash flow hedges was $\$ 161$ million negative value (2016: $\$ 184$ million negative value) Fair value hedges: The Consolidated Entity's fair value hedges consist of:

- interest rate swaps used to hedge against changes in the fair value of fixed rate assets and liabilities as a result of movements in benchmark interest rates, and
- foreign exchange forward contracts used to hedge against changes in the fair value of foreign denominated equity instruments as a result of movements in market foreign exchange rates.

As at 31 March 2017, the fair value of outstanding derivatives held by the Consolidated Entify and designated as fair value hedges was $\$ 12$ million negative value (2016: $\$ 317$ million positive value)
During the financial year fair value loss on the hedging instruments of $\$ 329$ million have been recognised (2016: \$325 million gains), offset by $\$ 313$ million (2016: $\$ 328$ million losses) of gains on the hedged items.
Net investment in foreign operations hedges: The Consolidated Entity has designated derivatives and borrowings as hedges of its net investment for foreign exchange risk arising from its foreign operations.
At 31 March 2017, the fair value of outstanding derivatives held by the Consolidated Entity and designated as net investment in foreign operations hedges was $\$ 171$ million positive value (2016: $\$ 165$ million positive value). During the financial year the Consolidated Entity recognised \$nil (2016: \$nil) in the income statement due to hedge ineffectiveness on net investment hedges.
A proportion of the Consolidated Entity's borrowings amounting to $\$ 4,927$ million (2016: $\$ 4,768$ million) is designated as a hedge of its net investment in foreign operations. The foreign exchange loss of $\$ 11$ million (2016: $\$ 112$ million gain) on translation of the foreign currency borrowing to Australian dollars at the end of the reporting period is recognised in other comprehensive income.
The types of derivatives which the Consolidated Entity trades and uses for hedging purposes are detailed below:
Futures: Futures contracts provide the holder with the obligation to buy a specified financial instrument or commodity at a fixed price and fixed date in the future. Contracts may be closed early via cash settlement. Futures contracts are exchange traded.
Forwards and forward rate agreements: Forward contracts, which resemble futures contracts, are an agreement between two parties that a financial instrument or commodity will be traded at a fixed price and fixed date in the future. A forward rate agreement provides for two parties to exchange interest rate differentials based on an underlying principal amount at a fixed date in the future.
Swaps: Swap transactions provide for two parties to swap a series of cash flows in relation to an underlying principal amount, usually to exchange a fixed interest rate for a floating interest rate. Cross-currency swaps provide a tool for two parties to manage risk arising from movements in exchange rates.
Options: Option contracts provide the holder the right to buy or sell financial instruments or commodities at a fixed price over an agreed period or on a fixed date. The contract does not oblige the holder to buy or sell, however the writer must perform if the holder exercises the rights pertaining to the option.

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## NOTE 37

## Financial risk management

Risk Management Group (RMG)
Risk is an integral part of the Consolidated Entity's businesses. The main risks faced by the Consolidated Entity are credit, liquidity, market, equity, conduct, regulatory and compliance, reputation, operational, legal, tax, model, cyber and environmental and social risk. Further details on the risks faced by the Consolidated Entity can be found in the Risk Managemen Report of the MGL Annual Report.
Primary responsibility for risk management lies at the business level. Part of the role of all business managers throughout Macquarie is to ensure they manage risks appropriately.
RMG is independent of all other areas of the Consolidated Entity RMG approval is required for all material risk acceptance decisions. RMG identifies, quantifies and assesses all material risks and sets prudential limits. Where appropriate, these limits are approved by the Executive Committee and the Board. The Head of RMG, as Macquarie's CRO, is a member of the Executive Committee of MGL and MBL and reports directly to the MGL CEO with a secondary reporting line to the Board Risk Committee.

NOTE 37.1

## Credit risk

Credit risk is the risk of a counterparty failing to complete its contractual obligations when they fall due. The consequent loss is either the amount of the loan not repaid or the loss incurred in replicating a trading contract with a new counterparty.

## Analysis and limit approval

Responsibility for approval of credit exposures is delegated to specific individuals by the Board or CRO. Credit risk analysis is focused on ensuring that risks have been fully identified and that the downside risk is properly understood and acceptable. After this analysis is undertaken, limits are set for an acceptable level of potential exposure. All wholesale limits and ratings are reviewed at least once a year, or more frequently if required. Retail credit exposures are monitored on a portfolio basis.
All credit exposures are monitored regularly against limits. Credit exposures for loans are evaluated as either the full current face value or, for distressed debt, the acquisition cost when acquired in the secondary market. Derivative exposures are measured using high confidence potential future underlying asset prices. To mitigate credit risk, where appropriate, the Consolidated Entity makes use of margining and other forms of collateral or credit enhancement techniques (including guarantees, letters of credit, the purchase of credit default swaps and mortgage insurance).

## Ratings and reviews

All wholesale exposures are allocated to a Macquarie rating on a scale that broadly corresponds to Standard \& Poor's and Moody's Investor Services credit ratings. Each Macquarie rating maps to a Probability of Default estimate. All wholesale counterparties and certain individual facilities are assigned a Loss Given Default estimate which reflects the estimated economic loss in the event of default occurring.
Macquarie wholesale ratings broadly correspond to Standard \& Poor's credit ratings as follows:

| Credit Grading | Internal Rating | External Equivalent |
| :--- | :--- | :--- |
| Investment Grade | MQ1 to MQ8 | AAA to BBB- |
| Below Investment MQ9 to MQ16 | BB+ to C |  |
| Grade |  |  |
| Default ${ }^{(1)}$ | MQ99 | Default |

[^7]Retail pools are mapped to the corresponding rating grade based on their probability of defaul. All loan assets are subject to recurring review and assessment for possible impairment. Where there is a deteriorating credit risk profile, the exposures are monitored on a monthly basis through the CreditWatch reports. The business remains responsible for the management of the counterparty and of the risk position, but RMG oversight is increased to ensure that positions are managed for optimal outcomes. When counterparties default, RMG and the business work together to resolve the issues and ensure specific provisioning is adequate.

## Portfolio and country risk

A review of the credit portfolio that involves monitoring credit concentrations by counterparty, country, risk type, industry and credit quality is carried out quarterly and reported to the Board semi-annually. Policies are in place to regulate large exposures to single counterparties or groups of counterparties.
The Consolidated Entity has a country risk management framework which covers the assessment of country risk and the approval of country risk limits. Where appropriate the country risk is mitigated by political risk insurance.

## NOTES TO THE FINANCIAL STATEMENTS

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## NOTE 37.1

Credit risk continued
The balances disclosed in the credit risk tables below exclude financial assets that are subject to risks other than credit risk, such as equity investments, commodities, interests in associates and joint ventures or bank notes and coins.

Maximum exposure to credit risk
The table below details the concentration of maximum exposure to credit risk of the Consolidated Entity's financial assets, credit commitments and contingent liabilities by significant geographical locations and counterparty type. The maximum credit exposure is to each counterparty and does not take into consideration collateral or other credit enhancements (refer to section on collateral and credit enhancements). The geographical location is determined by the domicile and industry type of the counterparty.

|  | Receivables from financial institutions ${ }^{(1)}$ \$m | Trading portfolio assets \$m | Derivative assets | Debt investment securities available for sale <br> $\$ \mathrm{~m}$ | Other financial assets ${ }^{(2)}$ $\$ \mathrm{~m}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Australia |  |  |  |  |  |
| Governments | - | 4,868 | 460 | 853 | 9 |
| Financial institutions | 6,320 | 126 | 1,755 | 2,581 | 601 |
| Other | - | 3 | 1,195 | 57 | 210 |
| Total Australia | 6,320 | 4,997 | 3,410 | 3,491 | 820 |
| Asia Pacific |  |  |  |  |  |
| Governments | - | 1,065 | 3 | 54 | 472 |
| Financial institutions | 1,481 | 383 | 173 | 394 | 135 |
| Other | - | 315 | 326 | - | 898 |
| Total Asia Pacific | 1,481 | 1,763 | 502 | 448 | 1,505 |
| Europe, Middle East and Africa |  |  |  |  |  |
| Governments | - | 508 | 3 | 42 | 52 |
| Financial institutions | 5,181 | 160 | 3,191 | 310 | 317 |
| Other | - | 78 | 1,576 | - | 1,639 |
| Total Europe, Middle East and Africa | 5,181 | 746 | 4,770 | 352 | 2,008 |
| Americas |  |  |  |  |  |
| Governments | - | 671 | 143 | - | 34 |
| Financial institutions | 12,583 | 60 | 2,122 | 207 | 279 |
| Other | - | 785 | 1,120 | 87 | 1,285 |
| Total Americas | 12,583 | 1,516 | 3,385 | 294 | 1,598 |
| Total gross credit risk | 25,565 | 9,022 | 12,067 | 4,585 | 5,931 |

(1) Includes reverse repurchase agreements where the classification is based on the underlying collateral of the agreement
(2) This balance excludes other non-financial assets of $\$ 1.993$ million and Life Investment Linked contracts and other unitholder assets $\$ 722$ million which are included in Note 9 - Other assets

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| Loan assets held at amortised cost | Other financial assets at fair value through profit or loss | Due from related body corporate | Credit commitments and contingent liabilities | Total |
| :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m |
|  |  |  | CONSOLIDATED 2017 |  |
| 56 | - | - | - | 6,246 |
| 1,805 | 1 | - | 213 | 13,402 |
| 52,959 | 121 | 283 | 2,214 | 57,042 |
| 54,820 | 122 | 283 | 2,427 | 76,690 |
| 4 | 75 | - | - | 1,673 |
| 565 | - | - | 8 | 3,139 |
| 754 | 7 | 598 | 10 | 2,908 |
| 1,323 | 82 | 598 | 18 | 7,720 |
| 2 | - | - | 12 | 619 |
| 2,666 | - | - | 94 | 11,919 |
| 5,842 | 10 | 686 | 2,180 | 12,011 |
| 8,510 | 10 | 686 | 2,286 | 24,549 |
| 11 | - | - | 2 | 861 |
| 2,600 | - | - | 280 | 18,131 |
| 8,286 | 141 | 166 | 1,622 | 13,492 |
| 10,897 | 141 | 166 | 1,904 | 32,484 |
| 75,550 | 355 | 1,733 | 6,635 | 141,443 |

## NOTES TO THE FINANCIAL STATEMENTS

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## NOTE 37.1

## Credit risk continued

Maximum exposure to credit risk continued

|  | Receivables from financial institutions ${ }^{(1)}$ \$m | Trading portfolio assets \$m | Derivative assets \$m | Debt investment securities available for sale | Other financial assets ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Australia |  |  |  |  |  |
| Governments | - | 4,858 | 452 | 1,379 | 4 |
| Financial institutions | 5,560 | 241 | 1,851 | 5,769 | 341 |
| Other | - | - | 776 | 91 | 220 |
| Total Australia | 5,560 | 5,099 | 3,079 | 7,239 | 565 |
| Asia Pacific |  |  |  |  |  |
| Governments | - | 1,153 | 1 | 53 | 299 |
| Financial institutions | 3,106 | 336 | 215 | 263 | 307 |
| Other | - | 247 | 415 | - | 714 |
| Total Asia Pacific | 3,106 | 1,736 | 631 | 316 | 1,320 |
| Europe, Middle East and Africa |  |  |  |  |  |
| Governments | - | 676 | 53 | - | 79 |
| Financial institutions | 11,471 | 51 | 4,673 | 402 | 550 |
| Other | - | 63 | 3,757 | - | 993 |
| Total Europe, Middle East and Africa | 11,471 | 790 | 8,483 | 402 | 1,622 |
| Americas |  |  |  |  |  |
| Governments | - | 375 | 193 | - | 28 |
| Financial institutions | 10,819 | 246 | 3,003 | 347 | 200 |
| Other | - | 577 | 2,573 | 278 | 565 |
| Total Americas | 10,819 | 1,198 | 5,769 | 625 | 793 |
| Total gross credit risk | 30,956 | 8,823 | 17,962 | 8,582 | 4,300 |

(1) Includes reverse repurchase agreements where the classification is based on the underlying collateral of the agreement
(2) This balance excludes other non-financial assets of $\$ 1,768$ million and Life Investment Linked contracts and other unitholder assets $\$ 850$ million which are included in Note 9 - Other assets
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## NOTES TO THE FINANCIAL STATEMENTS

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NOTE 37.1
Credit risk continued
Maximum exposure to credit risk continued

|  | Receivables from financial institutions ${ }^{(1)}$ \$m | Trading portfolio assets \$m | Derivative assets \$m | Debt investment securities available for sale \$m | Other financial assets ${ }^{(2)}$ \$m |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Australia |  |  |  |  |  |
| Governments | - | 4,868 | 461 | 852 | 7 |
| Financial institutions | 6,078 | 139 | 1,269 | 2,434 | 540 |
| Other | - | 3 | 1,192 | 47 | 514 |
| Total Australia | 6,078 | 5,010 | 2,922 | 3,333 | 1,061 |
| Asia Pacific |  |  |  |  |  |
| Governments | - | 996 | 3 | 54 | 429 |
| Financial institutions | 1,386 | 269 | 170 | 369 | 98 |
| Other | - | 103 | 321 | - | 900 |
| Total Asia Pacific | 1,386 | 1,368 | 494 | 423 | 1,427 |
| Europe, Middle East and Africa |  |  |  |  |  |
| Governments | - | 508 | 3 | - | 3 |
| Financial institutions | 4,850 | 160 | 3,170 | 302 | 296 |
| Other | - | 76 | 1,425 | - | 1,301 |
| Total Europe, Middle East and Africa | 4,850 | 744 | 4,598 | 302 | 1,600 |
| Americas |  |  |  |  |  |
| Governments | - | 84 | - | - | - |
| Financial institutions | 11,593 | 44 | 2,329 | 192 | 263 |
| Other | - | 334 | 445 | 84 | 147 |
| Total Americas | 11,593 | 462 | 2,774 | 276 | 410 |
| Total gross credit risk | 23,907 | 7,584 | 10,788 | 4,334 | 4,498 |

[^8]| Loan assets held at amortised cost \$m | Other financial assets at fair value through profit or loss \$m | Due from related body corporate \$m | Due from subsidiaries \$m | Credit commitments and contingent liabilities | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | ANY 2017 |
| 53 | - | - | - | - | 6,241 |
| 1,774 | 1 | - | - | 213 | 12,448 |
| 40,609 | 133 | 159 | 15,697 | 2,079 | 60,433 |
| 42,436 | 134 | 159 | 15,697 | 2,292 | 79,122 |
| - | 75 | - | - | - | 1,557 |
| 294 | - | - | - | 8 | 2,594 |
| 660 | 6 | 589 | 3,956 | 11 | 6,546 |
| 954 | 81 | 589 | 3,956 | 19 | 10,697 |
| 4 - | - | - | - | 12 | 526 |
| 2,192 | - | - | - | 54 | 11,024 |
| 3,811 | - | 684 | 8,885 | 2,244 | 18,426 |
| 6,003 | - | 684 | 8,885 | 2,310 | 29,976 |
| 11 | - | - | - | 2 | 97 |
| 1,471 | - | - | - | 150 | 16,042 |
| 1,805 | - | 103 | 2,533 | 1,994 | 7,445 |
| 3,287 | - | 103 | 2,533 | 2,146 | 23,584 |
| 52,680 | 215 | 1,535 | 31,071 | 6,767 | 143,379 |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 37.1

Credit risk continued
Maximum exposure to credit risk continted

|  | Receivables from financial institutions ${ }^{(1)}$ | Trading portfolio assets | Derivative assets | Debt investment securities available for sale | Other financial assets ${ }^{(2)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m |
| Australia |  |  |  |  |  |
| Governments | - | 4,857 | 452 | 1,379 | 2 |
| Financial institutions | 4,733 | 240 | 1,550 | 5,652 | 283 |
| Other | - | 1 | 776 | 75 | 541 |
| Total Australia | 4,733 | 5,098 | 2,778 | 7,106 | 826 |
| Asia Pacific |  |  |  |  |  |
| Governments | - | 894 | 1 | 53 | 299 |
| Financial institutions | 2,968 | 199 | 215 | 210 | 243 |
| Other | - | 45 | 412 | - | 693 |
| Total Asia Pacific | 2,968 | 1,138 | 628 | 263 | 1,235 |
| Europe, Middle East and Africa |  |  |  |  |  |
| Governments | - | 676 | 56 | - | 1 |
| Financial institutions | 11,174 | 96 | 4,382 | 399 | 569 |
| Other | - | 63 | 3,014 | - | 705 |
| Total Europe, Middle East and Africa | 11,174 | 835 | 7,452 | 399 | 1,275 |
| Americas |  |  |  |  |  |
| Governments | - | 367 | - | - | - |
| Financial institutions | 9,420 | 24 | 3,242 | 338 | 210 |
| Other | - | 252 | 1,037 | 146 | 45 |
| Total Americas | 9,420 | 643 | 4,279 | 484 | 255 |
| Total gross credit risk | 28,295 | 7.714 | 15,137 | 8,252 | 3,591 |

[^9]FINANCIAL REPORT


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## NOTE 37.1

## Credit risk continued

## Credit quality of financial assets

The table below details the credit quality of the Consolidated Entity's financial assets for the maximum exposure to credit risk. The credit quality is based on the individual counterparty's credit rating and industry type using the Consolidated Entity's credit rating system and excludes the benefit of collateral and credit enhancements (refer to section on collateral and credit enhancements).

|  | Investment Grade \$m | Below Investment Grade \$m | Past due but not individually impaired ${ }^{(4)}$ \$m | Individually impaired \$m | Total $\$ \mathrm{~m}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | CONSOLIDATED 2017 |  |
| Receivables from financial institutions ${ }^{(1)}$ | 23,009 | 2,556 | - | - | 25,565 |
| Trading portfolio assets |  |  |  |  | 9,022 |
| Governments | 6,979 | 133 | - | - | 7,112 |
| Financial institutions | 579 | 150 | - | - | 729 |
| Other | 309 | 832 | 40 | - | 1,181 |
| Derivative assets |  |  |  |  | 12,067 |
| Governments | 609 | - | - | - | 609 |
| Financial institutions | 7,045 | 196 | - | - | 7,241 |
| Other | 2,681 | 1,536 | - | - | 4,217 |
| Debt investment securities available for sale |  |  |  |  | 4,585 |
| Governments | 949 | - | - | - | 949 |
| Financial institutions | 3,476 | 16 | - | - | 3,492 |
| Other | 12 | 132 | - | - | 144 |
| Other financial assets ${ }^{(2)}$ |  |  |  |  | 5,931 |
| Governments | 525 | - | 42 | - | 567 |
| Financial institutions | 942 | 371 | 19 | - | 1,332 |
| Other | 2,137 | 1,809 | 69 | 17 | 4,032 |
| Loan assets held at amortised $\operatorname{cost}{ }^{(3),(5)}$ |  |  |  |  | 75,550 |
| Governments | 57 | 16 | - | - | 73 |
| Financial institutions | 6,073 | 1,563 | - | - | 7,636 |
| Other | 31,830 | 33,209 | 2,324 | 478 | 67,841 |
| Other financial assets at fair value through profit or loss |  |  |  |  | 355 |
| Governments | 75 | - | - | - | 75 |
| Financial institutions | - | 1 | - | - | 1 |
| Other | 123 | 148 | 7 | 1 | 279 |
| Due from related body corporate entities |  |  |  |  | 1,733 |
| Other | 1,733 | - | - | - | 1,733 |
| Total | 89,143 | 42,668 | 2,501 | 496 | 134,808 |

[^10]
## NOTE 37.1

Credit risk continued

|  | Investment Grade \$m | Below Investment Grade \$m | Past due but not individually impaired ${ }^{(4)}$ \$m | Individually impaired \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | CONSOLIDATED 2016 |  |
| Receivables from financial institutions ${ }^{(1)}$ | 26,510 | 4,446 | - | - | 30,956 |
| Trading portfolio assets |  |  |  |  | 8,823 |
| Governments | 6,462 | 600 | - | - | 7,062 |
| Financial institutions | 727 | 147 | - | - | 874 |
| Other | 273 | 593 | 21 | - | 887 |
| Derivative assets |  |  |  |  | 17,962 |
| Governments | 696 | 3 | - | - | 699 |
| Financial institutions | 9,550 | 192 | - | - | 9,742 |
| Other | 4,522 | 2,999 | - | - | 7,521 |
| Debt investment securities available for sale |  |  |  |  | 8,582 |
| Governments | 1,432 | - | - | - | 1,432 |
| Financial institutions | 6,762 | 19 | - | - | 6,781 |
| Other | 16 | 353 | - | - | 369 |
| Other financial assets ${ }^{(2)}$ |  |  |  |  | 4,300 |
| Governments | 298 | 73 | 39 | - | 410 |
| Financial institutions | 1,077 | 312 | 9 | - | 1,398 |
| Other | 1,366 | 1,080 | 42 | 4 | 2,492 |
| Loan assets held at amortised cost ${ }^{(3),(5)}$ |  |  |  |  | 78,913 |
| Governments | 116 | 27 | - | - | 143 |
| Financial institutions | 7,596 | 1,356 | - | - | 8,952 |
| Other | 31,879 | 34,583 | 2,965 | 391 | 69,818 |
| Other financial assets at fair value through profit or loss |  |  |  |  | 241 |
| Governments | 72 | - | - | - | 72 |
| Financial institutions | - | 10 | - | - | 10 |
| Other | - | 152 | 3 | 4 | 159 |
| Due from related body corporate entities |  |  |  |  | 1,610 |
| Other | 1,610 | - | - | - | 1,610 |
| Total | 100,964 | 46,945 | 3,079 | 399 | 151,387 |

[^11]
## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 37.1

Credit risk continued
Credit quality of financial assets

|  | Investment Grade \$m | Below Investment Grade \$m | Past due but not individually impaired ${ }^{(4)}$ \$m | Individually impaired \$m | Total $\$ \mathrm{~m}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | COMPANY 2017 |  |
| Receivables from financial institutions ${ }^{(1)}$ | 21,460 | 2,447 | - | - | 23,907 |
| Trading portfolio assets |  |  |  |  | 7,584 |
| Governments | 6,342 | 114 | - | - | 6,456 |
| Financial instifutions | 505 | 107 | - | - | 612 |
| Other | 98 | 389 | 29 | - | 516 |
| Derivative assets |  |  |  |  | 10,788 |
| Governments | 466 | 1 | - | - | 467 |
| Financial institutions | 6,492 | 446 | - | - | 6,938 |
| Other | 2,220 | 1,163 | - | - | 3,383 |
| Debt investment securities available for sale |  |  |  |  | 4,334 |
| Governments | 906 | - | - | - | 906 |
| Financial institutions | 3,297 | - | - | - | 3,297 |
| Other | - | 131 | - | - | 131 |
| Other financial assets ${ }^{(2)}$ |  |  |  |  | 4,498 |
| Governments | 428 | 11 | - | - | 439 |
| Financial institutions | 906 | 277 | 14 | - | 1,197 |
| Other | 1,409 | 1,429 | 14 | 10 | 2,862 |
| Loan assets held at amortised $\operatorname{cost}{ }^{(3),(5)}$ |  |  |  |  | 52,680 |
| Governments | 52 | 12 | - | - | 64 |
| Financial institutions | 4,784 | 947 | - | - | 5,731 |
| Other | 25,492 | 19,333 | 1,536 | 524 | 46,885 |
| Other financial assets at fair value through profit or loss |  |  |  |  | 215 |
| Governments | 75 | - | - | - | 75 |
| Financial institutions | - | 1 | - | - | 1 |
| Other | - | 131 | 7 | 1 | 139 |
| Due from related body corporate entities |  |  |  |  | 1,535 |
| Other | 1,535 | - | - | - | 1,535 |
| Due from subsidiary |  |  |  |  | 31,071 |
| Other | 31,071 | - | - | - | 31,071 |
| Total | 107,538 | 26,939 | 1,600 | 535 | 136,612 |

[^12]NOTE 37.1
Credit risk continued

|  | Investment Grade \$m | Below Investment Grade \$m | Past due but not individually impaired ${ }^{(4)}$ \$m | Individualify impaired \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | COMPANY 2016 |  |
| Receivables from financial institutions ${ }^{(1)}$ | 24,513 | 3,782 | - | - | 28,295 |
| Trading portfolio assets |  |  |  |  | 7,714 |
| Governments | 6,194 | 600 | - | - | 6,794 |
| Financial institutions | 506 | 53 | - | - | 559 |
| Other | 36 | 304 | 21 | - | 361 |
| Derivative assets |  |  |  |  | 15,137 |
| Governments | 506 | 3 | - | - | 509 |
| Financial institutions | 9,197 | 192 | - | - | 9,389 |
| Other | 3,077 | 2,162 | - | - | 5,239 |
| Debt investment securities available for sale |  |  |  |  | 8,252 |
| Governments | 1,432 | - | - | - | 1,432 |
| Financial institutions | 6,599 | - | - | - | 6,599 |
| Other | - | 221 | - | - | 221 |
| Other financial assets ${ }^{(2)}$ |  |  |  |  | 3,591 |
| Governments | 192 | 71 | 39 | - | 302 |
| Financial institutions | 1,050 | 249 | 6 | - | 1,305 |
| Other | 975 | 1,005 | 3 | 1 | 1,984 |
| Loan assets held at amortised $\operatorname{cost}^{(3)(5)}$ |  |  |  |  | 56,953 |
| Governments | 99 | 23 | - | - | 122 |
| Financial institutions | 4,821 | 442 | - | - | 5,263 |
| Other | 28,108 | 20,751 | 2,226 | 483 | 51,568 |
| Other financial assets at fair value through profit or loss |  |  |  |  | 220 |
| Governments | 72 | - | - | - | 72 |
| Financial institutions | - | 10 | - | - | 10 |
| Other | - | 133 | 3 | 2 | 138 |
| Due from related body corporate entities |  |  |  |  | 1,032 |
| Other | 1,032 | - | - | - | 1,032 |
| Due from subsidiaries |  |  |  |  | 30,348 |
| Other | 30,348 | - | - | - | 30,348 |
| Total | 118,757 | 30,001 | 2,298 | 486 | 151,542 |

[^13]
## NOTES TO THE FINANCIAL STATEMENTS

## FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017

CONTINUED

## NOTE 37.1

Credit risk continued
Ageing analysis of assets past due but not individually impaired and individually impaired assets:

| Class of financial asset | Past due but not individually impaired |  |  |  |  | Individually impaired \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} \text { Less than } \\ 30 \text { days } \\ \$ \mathrm{~m} \end{array}$ | 31 to 60 days \$m | $\begin{array}{r} 61 \text { to } \\ 90 \text { days } \\ \$ \mathrm{~m} \end{array}$ | $\begin{gathered} \text { More than } \\ 90 \text { days } \\ \$ \mathrm{~m} \end{gathered}$ | Total past due but not individually impaired \$m |  |  |
|  | CONSOLIDATED 2017 |  |  |  |  |  |  |
| Other financial assets |  |  |  |  |  |  |  |
| Government | 12 | 4 | 3 | 23 | 42 | - | 42 |
| Financial institutions | 7 | 2 | 1 | 9 | 19 | - | 19 |
| Other | 48 | 10 | 2 | 9 | 69 | 17 | 86 |
| Loan assets held at amortised cost |  |  |  |  |  |  |  |
| Other | 1,323 | 312 | 131 | 558 | 2,324 | 478 | 2,802 |
| Trading portfolio assets |  |  |  |  |  |  |  |
| Other | - | - | - | 40 | 40 | - | 40 |
| Other financial assets at fair value through profit or loss |  |  |  |  |  |  |  |
| Other | - | 7 | - | - | 7 | 1 | 8 |
| Total | 1,390 | 335 | 137 | 639 | 2,501 | 496 | 2,997 |
|  |  |  |  |  |  | CONSOLID | D 2016 |
| Other financial assets |  |  |  |  |  |  |  |
| Government | 39 | - | - | - | 39 | - | 39 |
| Financial institutions | 2 | 2 | 5 | - | 9 | - | 9 |
| Other | 29 | 5 | 2 | 6 | 42 | 4 | 46 |
| Loan assets held at amortised cost |  |  |  |  |  |  |  |
| Other | 1,585 | 387 | 166 | 827 | 2,965 | 391 | 3,356 |
| Trading portfolio assets |  |  |  |  |  |  |  |
| Other | - | - | - | 21 | 21 | - | 21 |
| Other financial assets at fair value through profit or loss |  |  |  |  |  |  |  |
| Other | - | 2 | 1 | - | 3 | 4 | 7 |
| Total | 1,655 | 396 | 174 | 854 | 3,079 | 399 | 3,478 |

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## NOTE 37.1

Credit risk continued
Ageing analysis of assets past due but not individually impaired and individually impaired assets:


## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 37.1

## Credit risk continued

A facility is considered to be past due when a contractual payment falls overdue by one or more days. When a facility is classified as past due, the entire facility balance after provisions is disclosed in the past due analysis.
The factors taken into consideration by the Consolidated Entity and the Company when determining whether an as set is impaired are set out in Note 1(xv) - Impairment.

Of the collateral held against past due or impaired balances for loan assets held at amortised cost, $\$ 1,704$ million (2016: $\$ 1,663$ million) in the Consolidated Entity and $\$ 1,704$ million (2016: $\$ 1,663$ million) in the Company relates to collateral held against past due and impaired balances on residential mortgage facilities that are covered by mortgage insurance. A mortgage insurance claim will only be made in an instance where there is an outstanding balance on the mortgage facility after the receipt of proceeds on the disposal of the property held as security. The remaining collateral is made up of assets held as collateral against other loan and receivable balances.
The collateral held against past due or impaired balances for other assets represents equity securities held as security against failed trade settlements

## Repossessed collateral

In the event of a customer default on facilities, the Consolidated Entity and the Company may take possession of real estate or other assets held as security. During the financial year, the Consolidated Entity has taken possession of fixed assets and property assets with a carrying value of $\$ 50$ million (2016: $\$ 10$ million)

## Collateral and credit enhancements held

Receivables from financial institutions
Cash collateral on securities borrowed and reverse repurchase agreements balances are included in receivables from financial institutions. For details, refer to Note 6 -Receivables from financial institutions
Securities borrowed require the deposit of cash collateral at amounts equal to or greater than the market value of the securities borrowed. Reverse repurchase agreements are collateralised financing arrangements with the market value of the securities provided as collateral generally in excess of the principal amount

## NOTE 37.1

## Credit risk continued

## Collateral and credit enhancements held continued

Loan assets held at amortised cost
Residential mortgage loans
Residential mortgages are secured by fixed charges over a borrower's property. Further, The Consolidated Entity has obtained LMI from an investment grade counterparty to cover a substantial portion of the mortgage portfolio to protect against a potential shortfall between the value of a repossessed property sold and the loan outstanding, including accrued interest. During the year, the Americas mortgages portfolio was sold and the Canadian mortgage book has been classified as disposal group held for sale. The mortgage loan balance includes $\$ 16,332$ million (2016: $\$ 18,087$ million) which has been securitised by consolidated SPEs.
The tables below provide information on Loan to Value Ratios (LVRs) determined using current loan balances and the most recent valuation of mortgaged assets in response to variation in the loan request.

|  | 2017 |  |  |  | 2016 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Australia \$m | Americas \$m | $\begin{array}{r} \text { EMEA } \\ \$ \mathrm{~m} \end{array}$ | Total \$m | Australia \$m | Americas \$m | EMEA $\$ \mathrm{~m}$ | Total \$m |
| Fully collateralised |  |  |  |  |  |  |  | IDATED |
| Loan to value ratio |  |  |  |  |  |  |  |  |
| Less than 25\% | 1,004 | - | 13 | 1,017 | 922 | 15 | 14 | 951 |
| 25\% to 50\% | 4,367 | - | 168 | 4,535 | 4,078 | 72 | 103 | 4,253 |
| 51\% to 70\% | 8,087 | - | 464 | 8,551 | 7,649 | 306 | 375 | 8,330 |
| $71 \%$ to $80 \%$ | 10,290 | - | 225 | 10,515 | 10,015 | 497 | 219 | 10,731 |
| 81\% to $90 \%$ | 4,490 | - | 132 | 4,622 | 5,060 | 541 | 49 | 5,650 |
| 91\% to $100 \%$ | 959 | - | 123 | 1,082 | 1,305 | 99 | 30 | 1,434 |
| Partly collateralised | 13 | - | - | 13 | 15 | - | - | 15 |
| Total mortgages | 29,210 | - | 1,125 | 30,335 | 29,044 | 1,530 | 790 | 31,364 |
| Fully collateralised |  |  |  |  |  |  |  | MPANY |
| Loan to value ratio |  |  |  |  |  |  |  |  |
| Less than 25\% | 933 | - | 12 | 945 | 824 | - | 3 | 827 |
| 25\% to 50\% | 4,186 | - | 164 | 4,350 | 3,807 | - | 51 | 3,858 |
| 51\% to 70\% | 7,781 | - | 429 | 8,210 | 7,226 | - | 243 | 7,469 |
| 71\% to 80\% | 10,090 | - | 196 | 10,286 | 9,697 | - | 167 | 9,864 |
| 81\% to $90 \%$ | 4,410 | - | 51 | 4,461 | 4,867 | - | 18 | 4,885 |
| 91\% to 100\% | 946 | - | 41 | 987 | 1,245 | - | 7 | 1,252 |
| Partly collateralised | 9 | - | - | 9 | 11 | - | - | 11 |
| Total mortgages | 28,355 | - | 893 | 29,248 | 27,677 | - | 489 | 28,166 |

Lease and retail financing
The Consolidated Entity leases assets and provides retail financing, predominantly motor vehicles, to corporate and retail clients. Titles to the underlying fixed assets are held by the Consolidated Entity as collateral. For the Consolidated Entity, of the lease and retail finance portfolio of $\$ 19,513$ million (2016: $\$ 19,273$ million), the credit exposure after considering the depreciated value of collateral is $\$ 8,483$ million (2016: $\$ 8,817$ million). For the Company, of the lease and retail finance portfolio of $\$ 5,474$ million (2016: $\$ 8,250$ million) the credit exposure after considering the depreciated value of collateral is $\$ 2,513$ million ( 2016 : $\$ 4,076$ million).
The collateralised value is based on standard recovery rates for the underlying assets of retail and corporate clients

## NOTES TO THE FINANCIAL STATEMENTS

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CONTINUED

## NOTE 37.1

Credit risk continued
Collateral and credit enhancements held continued
Loan assets held at amortised cost continued

## Corporate and commercial term lending

Collateral held against corporate and commercial lending consists of secured positions over assets of the counterparty, often in the form of corporate assets. For the Consolidated Entity, of the term lending of $\$ 15,653$ million (2016: $\$ 17,050$ million), the credit exposure after the estimated value of collateral and credit enhancements is $\$ 3,527$ million (2016: $\$ 4,348$ million). For the Company, of the term lending of $\$ 10,511$ million (2016: $\$ 12,834$ million), the credit exposure after the estimated value of collateral and credit enhancements is $\$ 2,564$ million (2016: $\$ 3,300$ million).
Relationship banking mortgages
In addition, and separately to, the residential mortgages portfolios above, Macquarie Business Banking provides residential and commercial mortgages to clients in Australia, which are usually high net worth individuals. These loans are secured by fixed charges over the borrowers' property.

|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| :---: | :---: | :---: |
| Fully collateralised | CONSOLIDATED |  |
| Loan to value ratio |  |  |
| Less than 50\% | 182 | 158 |
| 51\% to 70\% | 967 | 762 |
| $71 \%$ to $80 \%$ | 1,112 | 1,076 |
| 81\% to 90\% | 135 | 187 |
| 91\% to 100\% | 26 | 43 |
| Partly collateralised by real estate | 31 | 15 |
| Total mortgages | 2,453 | 2,241 |

Investment and insurance premium lending
The Consolidated Entity lends to clients for investment and insurance premium financing. Where the Consolidated Entity lends for investment, it holds the underlying investment and/or alternative acceptable assets as collateral, or holds security by way of a registered pledge over the underlying investment. For insurance premium loans, the loan is collateralised by the right to receive the prorata return premium for the underlying insurance policies, where the policy is cancellable. Where the policy is non-cancellable, recourse is to the obligor in the first instance. For the Consolidated Entity, of the investment and insurance premium lending portfolio of $\$ 722$ million (2016: $\$ 1,006$ million), $\$ 722$ million (2016: $\$ 990$ million) is fully collateralised. For the Company, of the investment and insurance premium lending portfolio of $\$ 377$ million (2016: $\$ 432$ million), $\$ 195$ million (2016: $\$ 206$ million) is fully collateralised.
Additional collateral
The Consolidated Entity excludes other types of collateral, such as unsupported guarantees. While such mitigants have value, as a credit risk mitigant, often providing rights in insolvency, their assignable values are uncertain and therefore are assigned no value for disclosure purposes.

## Other financial assets at fair value through profit or loss

Other financial assets at fair value through profit or loss include financing provided to clients for investing. Financing may be unsecured or secured (partially or fully). Collateral is generally comprised of underlying securities investments or cash deposits of the investors.

## Derivative financial instruments

Derivatives may be traded on an exchange (exchange traded) or they may be privately negotiated contracts, which are referred to as Over The Counter (OTC) derivatives. The Consolidated Entity's OTC derivatives are cleared and settled either through central clearing counterparties (OTC-cleared), or bilateral contracts between two counterparties.
Exchange traded and OTC-cleared derivative contracts have reduced credit risk as the Consolidated Entity's counterparty is a clearing house. The clearing house is responsible for managing the risk associated with the process on behalf of their members and ensuring it has adequate resources to fulfil its obligations when they become due. Members are required to provide initial margins in accordance with the exchange rules in the form of cash or securities, and provide daily variation margins in cash to cover changes in market values. Further, all members are generally required to contribute to (and guarantee) the compensation or reserve fund which may be used in the event of default and shortfall of a member. The Consolidated Entity held exchange traded derivatives with positive replacement values as at 31 March 2017 of $\$ 1,414$ million (2016: $\$ 1,792$ million). The Company held exchange traded derivatives with positive replacement values as at 31 March 2017 of $\$ 1,269$ million (2016: $\$ 1,517$ million).

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## NOTE 37.1

Credit risk
Collateral and credit enhancements held continued
Derivative financial instruments continued
For OTC derivative contracts, the Consolidated Entity and Company often have master netting agreements (usually ISDA Master Agreements) with certain counterparties to manage the credit risk. The credit risk associated with positive replacement value contracts is reduced by master netting arrangements. In the event of default, they require balances with a particular counterparty covered by the agreement (for example derivatives and cash margins) to be terminated and settled on a net basis. The Consolidated Entity and Company also often execute a Credit Support Annex in conjunction with a master netting agreement. This facilitates the transfer of margin between parties during the term of arrangements and mitigates counterparty risk arising from changes in market values of the derivatives.
As at 31 March 2017, the Consolidated Entity held OTC contracts with a positive replacement value of $\$ 10,653$ million (2016:
$\$ 16,170$ million). The credit risk of these contracts is reduced due to master netting agreements covering negative OTC contracts of $\$ 6,651$ million (2016: $\$ 8,814$ million) and margins held (excluding the impact of over-collateralisation) of $\$ 1,340$ million (2016: $\$ 2,430$ million).
As at 31 March 2017, the Company held OTC contracts with a positive replacement value of $\$ 9,519$ million (2016: $\$ 13,620$ million). The credit risk of these contracts is reduced due to master netting agreements covering negative OTC contracts of $\$ 5,972$ million (2016: $\$ 7,460$ million) and margins held (excluding the impact of over-collateralisation) of $\$ 1,203$ million (2016: $\$ 2,057$ million).

## Debt investments securities available for sale

This classification mainly includes debt securities held by Group Treasury for liquidity management purposes as well as certain asset-backed securities.
The Consolidated Entity utilises Credit Default Swaps (CDS) Guarantees, other forms of credit enhancements or collateral in order to minimise the exposure to credit risk.

## Other assets

Security settlement of $\$ 2,315$ million (2016: $\$ 2,186$ million) in the Consolidated Entity and $\$ 2,105$ million (2016: $\$ 2,059$ million), in the Company are included in other assets, which represent amounts owed by an exchange (or a client) for equities sold (or bought on behalf of a client). Security settlements are collateralised with the underlying equity securities or cash held by the Consolidated Entity until date of settlement.

## Credit commitments and contingent liabilities

Undrawn facilities and lending commitments of $\$ 2,636$ million (2016: $\$ 2,811$ million) in the Consolidated Entity and $\$ 2,350$ million (2016: $\$ 1,871$ million) in the Company are secured through collateral and credit enhancement out of total undrawn facilities and lending commitments of $\$ 4,738$ million (2016: $\$ 4,806$ million) in the Consolidated Entity and $\$ 3,777$ million (2016: $\$ 4,046$ million) in the Company.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 CONTINUED

## NOTE 37.2

## Liquidity risk

## Governance and oversight

Macquarie Group's liquidity risk management framework ensures that it is able to meet its funding requirements as they fall due under a range of market conditions

Liquidity management is performed centrally by Group Treasury, with oversight from the Asset and Liability Committee (ALCO) and RMG. Macquarie Group's liquidity policies are approved by the Board after endorsement by the ALCO and liquidity reporting is provided to the MGL and MBL Boards on a monthly basis. The ALCO includes the MGL CEO, MBL CEO, the CFO, CRO, the Group Treasurer, Head of Balance Sheet Management and Operating Group heads.
RMG provides independent prudential oversight of liquidity risk management, including validating liquidity scenario assumptions liquidity policies, and the required funding maturity profile.

## Liquidity policy and risk appetite

The MBL Liquidity Policy outlines the liquidity requirements for Macquarie Bank.
Macquarie Bank's liquidity risk appetite ensures that it is able to meet all of its liquidity obligations during a period of liquidity stress: a twelve month period with constrained access to funding markets and with only a limited reduction in franchise businesses.
MBL is an ADI and is funded mainly with capital, long term liabilities and deposits.

## Liquidity contingency plan

Group Treasury maintains a Liquidity Contingency Plan, which outlines how a liquidity crisis would be managed. The plan defines roles and responsibilities and actions to be taken in a liquidity event, including identifying key information requirements and appropriate communication plans with both internal and external parties
Specifically, the plan details:

- factors that may constitute a crisis
- the officer responsible for enacting the contingency management
- a committee of senior executives responsible for managing a crisis
- the information required to effectively manage a crisis,
- a communications strategy
- a high level checklist of possible actions to conserve or raise additional liquidity
- contact lists to facilitate prompt communication with all key internal and external stakeholders.
In addition, Macquarie Bank monitors a range of early warning indicators on a daily basis that might assist in identifying emerging risks in its liquidity position. These indicators are reviewed by Senior Management and are used to inform any decisions regarding invoking the plan.
The Liquidity Contingency Plan is subject to regular review by both Group Treasury and RMG. It is submitted to the Board for approval.
Macquarie Bank is a global financial institution, with branches and subsidiaries in a variety of countries. Regulations in certain countries may require some branches or subsidiaries to have specific local contingency plans. Where that is the case, the Liquidity Contingency Plan contains a supplement providing the specific information required for those branches or subsidiaries


## Funding strategy

Macquarie Group prepares a Funding Strategy on an annual basis and monitors progress against the strategy throughout the year. The Funding Strategy aims to maintain Macquarie Group's diversity of current and projected funding sources, ensure ongoing compliance with all liquidity policy requirements and facilitate forecast asset growth. The Funding Strategy is reviewed by the ALCO and approved by the Board.

## Scenario analysis

Scenario analysis is central to Macquarie Group's liquidity risk management framework. In addition to regulatory defined scenarios, Group Treasury models a number of additional liquidity scenarios covering both market-wide and Macquarie Group name specific crises.

The scenarios are run over a number of timeframes and a range of conservative assumptions are used regarding the level of access to capital markets, deposit outflows, contingent funding requirements and asset sales.

As an example, one internal scenario projects the expected cash and liquid asset position during a combined market-wide and Macquarie Group name specific crisis over a 12 month time frame. This scenario assumes no access to new funding sources, a significant loss of customer deposits and contingent funding outflows resulting from undrawn commitments, market moves impacting derivatives and other margined positions combined with a multiple notch credit rating downgrade. Macquarie Group's cash and liquid asset portfolio must exceed the minimum requirement as calculated in this scenario at all times.

## Liquid asset holdings

Group Treasury centrally maintains a portfolio of highly liquid unencumbered assets to ensure adequate liquidity is available in all funding environments, including worst case wholesale and retail market conditions. Macquarie Group's minimum level of cash and liquid assets is calculated with reference to internal scenario projections and minimum regulatory requirements
The cash and liquid asset portfolio contains only unencumbered assets that can be relied on to maintain their liquidity in a crisis scenario. Specifically, cash and liquid assets held to meet minimum internal and regulatory requirements must be held in cash, qualifying High Quality Liquid Assets (HQLA) or be an asset type that is eligible as collateral in the Reserve Bank of Australia's (RBA) Committed Liquidity Facility (CLF) - so called 'Alternative Liquid Assets' (ALA). Composition constraints are applied to ensure appropriate diversity and quality of the assets in the portfolio. The cash and liquid asset portfolio is held in a range of currencies to ensure Macquarie Group's liquidity requirements are broadly matched by currency

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## NOTE 37.2

Liquidity risk continued

## Funds transfer pricing

An internal funds transfer pricing framework is in place that has been designed to produce appropriate incentives for business decision-making by reflecting the true funding costs arising from business actions. Under this framework, each business is allocated the full cost of the funding required to support its products and business lines, recognising the actual and contingent funding-related exposures their activities create for the group as a whole. Businesses that raise funding are compensated at a level that is appropriate for the liquidity benefit provided by the funding.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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## NOTE 37.2

## Liquidity risk continued

## Contractual undiscounted cash flows

The following tables summarise the maturity profile of the Consolidated Entity's financial liabilities as at 31 March based on contractual undiscounted repayment obligations. Repayments subject to notice are treated as if notice were given immediately. However, the Consolidated Entity expects that many customers will not request repayment on the earliest date the Consolidated Entity could be required to pay. Deposits are reported at their contractual maturity - the table does not reflect the expected cash flows indicated by the Consolidated Entity's deposit retention history
Derivative liabilities (other than those designated in a hedging relationship) and trading portfolio liabilities are included in the 'less than 3 months' column at their fair value. Liquidity risk on these items is not managed on the basis of contractual maturity, since they are not held for settlement according to such maturity and will frequently be settled in the short-term at fair value. Derivatives designated in a hedging relationship are included according to their contractual maturity.

|  | demand <br> \$m | Less than 3 months \$m | 3 to 12 months \$m | 1 to 5 years \$m | More than 5 years \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | CONSOLIDATED 2017 |  |
| Trading portfolio liabilities | - | 4,922 | - | - | - | 4,922 |
| Derivative liabilities (trading) | - | 10,437 | - | - | - | 10,437 |
| Derivative liabilities (hedging relationship) |  |  |  |  |  |  |
| Contractual amounts payable | - | 3,260 | 1,695 | 4,609 | 1,756 | 11,320 |
| Contractual amounts receivable | - | $(3,115)$ | $(1,533)$ | $(3,859)$ | $(1,480)$ | $(9,987)$ |
| Deposits | 50,403 | 4,228 | 2,580 | 460 | 66 | 57,737 |
| Other financial liabilities ${ }^{(1)}$ | - | 6,077 | - | - | - | 6,077 |
| Payables to financial institutions | 4,999 | 2,423 | 1,724 | 3,863 | 1,854 | 14,863 |
| Debt issued at amortised $\operatorname{cost}^{(2)}$ | - | 7,266 | 8,047 | 20,671 | 13,581 | 49,565 |
| Other financial liabilities at fair value through profit or loss | - | 39 | 95 | 171 | 2,379 | 2,684 |
| Due to related body corporate entities | 1,400 | 5,967 | - | - | - | 7,367 |
| Loan capital ${ }^{(3)}$ | - | 462 | 250 | 2,997 | 2,412 | 6,121 |
| Total undiscounted cash flows | 56,802 | 41,966 | 12,858 | 28,912 | 20,568 | 161,106 |
| Contingent liabilities | - | 1,081 | - | - | - | 1,081 |
| Commitments | 442 | 594 | 543 | 2,245 | 1,730 | 5,554 |
| Total undiscounted contingent liabilities and commitments ${ }^{(4)}$ | 442 | 1,675 | 543 | 2,245 | 1,730 | 6,635 |

(1) Excludes items that are not financial instruments and non-contractual accruals and provisions
(2) Includes $\$ 18,192$ million (2016. $\$ 22,642$ million) payable to SPE note holders disclosed on contractual maturity basis The expected maturity of the notes and debt is dependent on the repayment of the underlying loans included in loan assets held at amortised cost
(3) Includes securities with conditional repayment obligations. These securities are disclosed using repricing dates instead of contractual maturity For contractual maturity of these securities refer Note 26 - Loan capital
(4) Cash flows on contingent liabilities and commitments are dependent on the occurrence of various future events and conditions, and may or may not result in an outflow of resources These are reported in the 'less than 3 months unless they are payable on demand or the contractual terms specify a longer dated cash flow

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## NOTE 37.2

Liquidity risk continued
Contractual undiscounted cash flows continued

|  | demand \$m | Less than 3 months \$m | 3 to 12 months \$m | $\begin{gathered} 1 \text { to } 5 \\ \text { years } \\ \$ \mathrm{~m} \end{gathered}$ | More than 5 years \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | CONSOLIDATED 2016 |  |
| Trading portfolio liabilities | - | 4,794 | - | - | - | 4,794 |
| Derivative liabilities (trading) | - | 13,746 | - | - | - | 13,746 |
| Derivative liabilities (hedging relationship) |  |  |  |  |  |  |
| Contractual amounts payable | - | 993 | 932 | 4,038 | 1,167 | 7,130 |
| Contractual amounts receivable | - | (863) | (667) | $(3,137)$ | (955) | $(5,622)$ |
| Deposits | 43,203 | 4,897 | 3,553 | 585 | 77 | 52,315 |
| Other financial liabilities ${ }^{(1)}$ | - | 4,647 | - | - | - | 4,647 |
| Payables to financial institutions ${ }^{(2)}$ | 7,748 | 3,495 | 287 | 9,148 | 424 | 21,102 |
| Debt issued at amortised cost ${ }^{(3)}$ | - | 12,422 | 8,029 | 25,994 | 18,552 | 64,997 |
| Other financial liabilities at fair value through profit or loss | - | 43 | 99 | 164 | 2,461 | 2,767 |
| Due to related body corporate entities | 1,700 | 5,855 | - | - | - | 7,555 |
| Loan capital ${ }^{(4)}$ | - | 144 | 212 | 2,232 | 2,478 | 5,066 |
| Total undiscounted cash flows | 52,651 | 50,173 | 12,445 | 39,024 | 24,204 | 178,497 |
| Contingent liabilities | - | 1,231 | - | - | - | 1,231 |
| Commitments | 2 | 1,155 | 354 | 3,459 | 597 | 5,567 |
| Total undiscounted contingent liabilities and commitments ${ }^{(5)}$ | 2 | 2,386 | 354 | 3,459 | 597 | 6,798 |

(1) Excludes items that are not financial instruments and non-contractual accruals and provisions.
(2) in April 2016, the Consolidated Entity exercised its right to repay $\$ 3,000$ milion payables to financial institutions that was contractually due to mature more than 12 months after balance date on 1 May 2017.
(3) Includes $\$ 22,642$ million payable to SPE note holders disclosed on contractual maturity basis The expected maturity of the notes and debt is dependent on the repayment of the underlying loans included in loan assets held at amortised cost
(4) Includes securities with conditional repayment obligations These securities are disclosed using repricing dates instead of contractual maturity For contractual matunty of these securities refer Note 26 - Loan capital
(5) Cash flows on contingent liabilities and commitments are dependent on the occurrence of various future events and conditions, and may or may not result in an outflow of resources These are reported in the 'less than 3 months' unless they are payable on demand or the contractual terms specify a longer dated cash flow

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 37.2

Liquidity risk continued
Contractual undiscounted cash flows continued

|  | demand \$m | Less than 3 months \$m | 3 to 12 months \$m | 1 to 5 years \$m | More than 5 years \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | COMPANY 2017 |  |
| Trading portfolio liabilities | - | 5,143 | - | - | - | 5,143 |
| Derivative liabilities (trading) | - | 9,883 | - | - | - | 9,883 |
| Derivative liabilities (hedging relationship) |  |  |  |  |  |  |
| Contractual amounts payable | - | 1,324 | 138 | 1,806 | 1,734 | 5,002 |
| Contractual amounts receivable | - | $(1,265)$ | (192) | $(1,471)$ | $(1,423)$ | $(4,351)$ |
| Deposits | 49,096 | 4,225 | 2,579 | 430 | 22 | 56,352 |
| Other financial liabilities ${ }^{(1)}$ | - | 4,856 | - | - | - | 4,856 |
| Payables to financial institutions | 4,999 | 1,929 | 1,465 | 2,739 | 239 | 11,371 |
| Debt issued at amortised cost | - | 6,599 | 5,951 | 14,783 | 4,040 | 31,373 |
| Other financial liabilities at fair value through profit or loss | - | 2,021 | 101 | 171 | 2,379 | 4,672 |
| Due to subsidiaries | - | 9,719 | 5 | 2,671 | 5,333 | 17,728 |
| Due to related body corporate entities | 1,400 | 4,559 | - | - | - | 5,959 |
| Loan capital ${ }^{(2)}$ | - | 462 | 250 | 2,997 | 2,412 | 6,121 |
| Total undiscounted cash flows | 55,495 | 49,455 | 10,297 | 24,126 | 14,736 | 154,109 |
| Contingent liabilities | - | 2,271 | - | - | - | 2,271 |
| Commitments | 290 | 354 | 437 | 1,753 | 1,662 | 4,496 |
| Total undiscounted contingent liabilities and commitments ${ }^{(3)}$ | 290 | 2,625 | 437 | 1,753 | 1,662 | 6,767 |

(1) Excludes items that are not financial instruments and non-contractual accruals and provisions
(2) Included in this balance are securities with conditional repayment obligations. These securities are disclosed using repricing dates instead of contractual maturity. For contractual maturity of these securities refer Note 26-Loan capital
(3) Cash flows on contingent liabilities and commitments are dependent on the occurrence of various future events and conditions, and may or may not result in an outflow of resources. These are reported in the 'less than 3 months' unless they are payable on demand or the contractual terms specify a longer dated cash flow

## NOTE 37.2

Liquidity risk continued
Contractual undiscounted cash flows continued

|  | demand \$m | Less than 3 months \$m | 3 to 12 months \$m | 1 to 5 years \$m | More than 5 years \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | COMPANY 2016 |  |
| Trading portfolio liabilities | - | 4,824 | - | - | - | 4,824 |
| Derivative liabilities (trading) | - | 13,158 | - | - | - | 13,158 |
| Derivative liabilities (hedging relationship) |  |  |  |  |  |  |
| Contractual amounts payable | - | 412 | 115 | 1,019 | 891 | 2,437 |
| Contractual amounts receivable | - | (385) | (77) | (754) | (731) | $(1,947)$ |
| Deposits | 42,011 | 4,889 | 3,550 | 566 | 21 | 51,037 |
| Other financial liabilities ${ }^{(1)}$ | - | 3,081 | - | - | - | 3,081 |
| Payables to financial institutions ${ }^{(2)}$ | 8,752 | 2,283 | 162 | 6,479 | 243 | 17,919 |
| Debt issued at amortised cost | - | 11,700 | 5,351 | 20,325 | 4,976 | 42,352 |
| Other financial liabilities at fair value through profit or loss | - | 1,827 | 82 | 151 | 2,461 | 4,521 |
| Due to subsidiaries | - | 7,353 | 208 | 471 | 7,280 | 15,312 |
| Due to related body corporate entities | 1,700 | 4,210 | - | - | - | 5,910 |
| Loan capital ${ }^{(3)}$ | - | 144 | 212 | 2,232 | 2,478 | 5,066 |
| Total undiscounted cash flows | 52,463 | 53,496 | 9,603 | 30,489 | 17,619 | 163,670 |
| Contingent liabilities | - | 1,638 | - | - | - | 1,638 |
| Commitments | 2 | 1,102 | 232 | 2,982 | 447 | 4,765 |
| Total undiscounted contingent liabilities and commitments ${ }^{(4)}$ | 2 | 2,740 | 232 | 2,982 | 447 | 6,403 |

(1) Excludes items that are not financial instruments and non-contractual accruals and provisions
(2) In April 2016, the Consolidated Entity exercised its right to repay $\$ 3,000$ million payables to financial institutions that was contractually due to mature more than 12 months after balance date on 1 May 2017
(3) Included in this balance are securities with conditional repayment obligations. These securities are disclosed using repricing dates instead of contractual maturity. For contractual maturity of these securities refer Note 26 - Loan capital
(4) Cash flows on contingent liabilities and commitments are dependent on the occurrence of various future events and conditions, and may or may not result in an outflow of resources. These are reported in the 'less than 3 months' unless they payable on demand or the contractual erms specify a longer dated cash flow

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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## NOTE 37.3

Market risk

## Traded market risk

Market risk is the risk of adverse changes in the value of the Consolidated Entity's trading portfolios from changes in market prices or volatility. The Consolidated Entity is exposed to the following risks in each of the major markets in which it trades:

- foreign exchange and bullion: changes in spot and forward exchange rates and bullion prices and the volatility of exchange rates and bullion prices
- interest rates and debt securities: changes in the level, shape and volatility of yield curves, the basis between different debt securities and derivatives and credit margins
- equities: changes in the price and volatility of individual equities, equity baskets and equity indices
- commodities and energy: changes in the price and volatility of base metals, agricultural commodities and energy products

The Consolidated Entity is also exposed to the correlation of market prices and rates within and across markets.
It is recognised that all trading activities contain calculated elements of risk taking. The Consolidated Entity is prepared to accept such risks provided they are within agreed limits, independently and correctly identified, calculated and monitored by RMG, and reported to Senior Management on a regular basis.
RMG monitors positions within the Consolidated Entity according to a limit structure which sets limits for all exposures in all markets. Limits are for both individual trading desks and divisions as well as in aggregate. Trigger limits for the Consolidated Entity as a whole ensure that if several trading book limits are being used simultaneously, the aggregate level of risk is in line with the global risk appetite articulated in the economic capital model.
RMG sets three complementary limit structures:

- contingent loss limits: worst case scenarios that shock prices and volatilities by more than has occurred historically. Multiple scenarios are set for each market to capture the non-linearity and complexity of exposures arising from derivatives. A wide range of assumptions about the correlations between markets is applied
- position limits: volume, maturity and open position limits are set on a large number of market instruments and securities in order to constrain concentration risk and to avoid the accumulation of risky, illiquid positions
- Value-at-Risk (VaR) limits: statistical measure based on a 10-day holding period and a $99 \%$ confidence level, as stipulated by the APRA capital adequacy standard. The model is validated daily by back testing a one-day VaR against hypothetical and actual daily trading profit or loss.

Value-at-Risk figures (1 day, $99 \%$ confidence level)
The tables below show the average, maximum and minimum VaR over the financial year for the major markets in which the Consolidated Entity and Company operate. The VaR shown in the tables are based on a one-day holding period. The aggregated VaR is on a correlated basis.

|  | 2017 |  |  | 2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average \$m | Maximum \$m | Minimum \$m | Average \$m | Maximum \$m | Minimum \$m |
|  |  |  |  |  | CONSOLIDATED |  |
| Equities | 9.65 | 12.65 | 5.23 | 10.88 | 16.54 | 5.89 |
| Interest rates | 5.55 | 8.57 | 3.27 | 5.46 | 8.91 | 3.92 |
| Foreign exchange and bullion | 2.12 | 4.26 | 0.69 | 2.16 | 5.90 | 1.12 |
| Commodities | 6.78 | 15.70 | 3.78 | 11.71 | 18.48 | 6.74 |
| Aggregate | 11.66 | 19.22 | 6.56 | 16.32 | 22.09 | 9.51 |

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NOTE 37.3

| Market risk continued |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  |  | 2016 |  |  |
|  | Average \$m | \$m | \$m | Average \$m | Maximum \$m | Minimum \$m |
|  | \$m |  |  | \$m | \$m | COMPANY |
| Equities | 9.43 | 12.34 | 4.94 | 9.61 | 16.10 | 4.37 |
| Interest rates | 5.57 | 8.65 | 3.21 | 5.19 | 8.65 | 3.76 |
| Foreign exchange and bullion | 2.27 | 4.97 | 0.94 | 2.85 | 7.20 | 1.30 |
| Commodities | 8.28 | 11.18 | 5.89 | 10.77 | 16.85 | 7.15 |
| Aggregate | 13.74 | 19.90 | 9.23 | 15.61 | 22.99 | 9.06 |

## Value-at-Risk

The VaR model uses a Monte Cario simulation to generate normally distributed price and volatility paths, based on three years of historical data. VaR focuses on unexceptional price moves so that it does not account for losses that could occur beyond the $99 \%$ level of confidence. These factors can limit the effectiveness of VaR in predicting future price moves when changes to future risk factors deviate from the movements expected by the above assumptions. For capital adequacy purposes, debt-specific risk is measured using APRA's standard method, whilst all other exposures are captured by the VaR model. This combined approach has been approved by APRA and is subject to periodic review.

## Interest rate risk

The Consolidated Entity and the Company also have exposure to non-traded interest rate risk generated by banking products such as loans and deposits. Banking businesses have small limits to accumulate small levels of interest rate risk. Wherever possible, these interest rate risks are transferred into the trading books of CGM and Group Treasury Division which are managed within traded market risk limits and are included within the VaR figures presented above. Some residual interest rate risks remain in the banking book due to factors outside the interest rate market or due to timing differences in accumulating exposures large enough to hedge. These residual risks have independent limits that are monitored by RMG and regularly reported to Senior Management.

## Foreign currency risk

The Consolidated Entity is exposed to foreign currency risk arising from transactions entered into in its normal course of business and as a result of its investments in foreign operations. Movements in foreign currency exchange rates will result in gain or loss in the income statement due to the revaluation of certain balances or in movements in the foreign currency translation reserve due to the revaluation of foreign operations.
In order to manage this risk, the Consolidated Entity has a policy that non-trading foreign currency exposures are appropriately hedged unless specifically approved by RMG, and trading foreign currency exposures remain within trading limits set by RMG.
Forward foreign exchange contracts, or borrowings in the same currency as the exposure, are designated as hedges under Australian Accounting Standards. They offset movements on the net assets within foreign operations and are transferred to the foreign currency translation reserve.
Responsibility for monitoring and managing foreign currency exposures arising from transactions rests with individual businesses which will enter into internal transactions as necessary to transfer the underlying foreign exchange risk to our trading businesses. Any residual foreign exchange risk residing in non-trading divisions is included in the internal model capital calculation by RMG, with the exception of specific investments in core foreign operations as discussed below. Other than this there is no material non-trading foreign exchange risk in the profit and loss.
The hedging policy of the group is designed to reduce the sensitivity of the group's regulatory capital position to foreign currency movements. This is achieved by leaving specific investments in core foreign operations exposed to foreign currency translation movements. The resultant change in the Australian dollar value of the foreign investment is captured in the foreign currency translation reserve, a component of regulatory capital. This offsets the corresponding movement in the capital requirements of these investments. As a result of the Consolidated Entity's foreign exchange policy, the Consolidated Entity is partially exposed to currency risk in relation to the translation of its net investment in foreign operations to Australian dollars.

## NOTES TO THE FINANCIAL STATEMENTS

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Market risk continued
Foreign currency risk continued
The table below indicates the sensitivity to movements in the Australian dollar rate against various foreign currencies at 31 March. The Consolidated Entity is active in various currencies globally. Those with the most impact on the sensitivity analysis below are United States dollar, Great British pound, Euro and Canadian dollar as shown below.

|  | 2017 |  | 2016 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Movement in exchange rates | Sensitivity of equity after tax \$m | Movement in exchange rates | Sensitivity of equity after tax \$m |
|  |  |  |  | CONSOLIDATED |
| United States dollar | +10 | (368) | +10 | (367) |
| Great British pound | +10 | (73) | +10 | (84) |
| Euro | +10 | (33) | +10 | (35) |
| Canadian dollar | +10 | (13) | +10 | (23) |
| Total |  | (487) |  | (509) |
| United States dollar | -10 | 450 | -10 | 448 |
| Great British pound | -10 | 90 | -10 | 102 |
| Euro | -10 | 40 | -10 | 43 |
| Canadian dollar | -10 | 15 | -10 | 28 |
| Total |  | 595 | -10 | 621 |

## NOTE 37.3

Market risk continued

## Equity price risk

The tables below indicate the equity markets to which the Consolidated Entity and the Company had significant exposure at 31 March on their non-trading investment portfolio. This excludes interests in associates and joint ventures. The effect on equity (as a result of a change in the fair value of equity instruments held as available for sale at 31 March ) and the income statement (as a result of a change in the fair value of financial assets designated at fair value) due to a reasonably possible change in equity prices, with all other variables held constant, is as follows

| Geographic Region | 2017 |  |  | 2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Movement in in equity price \% | Sensitivity of profit after tax \$m | Sensitivity of equity after tax \$m | Movement in in equity price | Sensitivity of profit after tax \$m | Sensitivity of equity after tax \$m |
| Listed |  |  |  |  |  | ONSOLIDATED |
| Australia | +10 | - | 3 | +10 | - | 6 |
| Americas | +10 | 2 | 1 | +10 | 2 | 1 |
| Europe, Middle East and Africa | +10 | 1 | - | +10 | 3 | - |
| Unlisted | +10 | 1 | 41 | +10 | 2 | 23 |
| Total |  | 4 | 45 |  | 7 | 30 |
| Listed |  |  |  |  |  |  |
| Australia | -10 | - | (3) | -10 | - | (6) |
| Americas | -10 | (2) | (1) | -10 | (2) | (1) |
| Europe, Middle East and Africa | -10 | (1) | - | -10 | (3) | - |
| Unlisted | -10 | (1) | (41) | -10 | (2) | (23) |
| Total |  | (4) | (45) |  | (7) | (30) |
| Listed |  |  |  |  |  | COMPANY |
| Australia | +10 | 1 | 3 | +10 | - | 6 |
| Americas | +10 | - | - | +10 | - | - |
| Europe, Middle East and Africa | +10 | 1 | - | +10 | 3 | - |
| Unlisted | +10 | 1 | 33 | +10 | 1 | 12 |
| Total |  | 3 | 36 |  | 4 | 18 |
| Listed |  |  |  |  |  |  |
| Australia | -10 | (1) | (3) | -10 | - | (6) |
| Americas | -10 | - | - | -10 | - | - |
| Europe, Middle East and Africa | -10 | (1) | - | -10 | (3) | - |
| Unlisted | -10 | (1) | (33) | -10 | (1) | (12) |
| Total |  | (3) | (36) |  | (4) | (18) |

## NOTES TO THE FINANCIAL STATEMENTS

## NOTE 38

## Fair value of financial assets and financial liabilities

Fair value reflects the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.
Quoted prices or rates are used to determine fair value where an active market exists. If the market for a financial instrument is not active, fair values are estimated using present value or other valuation techniques, using inputs based on market conditions prevailing on the measurement date.
The values derived from applying these techniques are affected by the choice of valuation model used and the underlying assumptions made regarding inputs such as timing and amounts of future cash flows, discount rates, credit risk, volatility and correlation.
Financial instruments measured at fair value are categorised in their entirety, in accordance with the levels of the fair value hierarchy as outlined below:
Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities

Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset or liability either directly (i.e. as prices) or indirectly (i.e. derived from prices)
Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs)

The appropriate level for an instrument is determined on the basis of the lowest level input that is significant to the fair value measurement.

## Bid-offer

AASB 13 Fair value management requires use of the price within the bid-offer spread that is most representative of fair value. Valuation systems will typically generate mid-market prices. The bid-offer adjustment reflects the extent to which bid-offer costs would be incurred if substantially all residual net portfolio market risks were closed using available hedging instruments.
The following methods and significant assumptions have been applied in determining the fair values of financial instruments:

- trading portfolio assets and liabilities, financial assets and liabilities at fair value through profit or loss, derivative financial instruments and other transactions undertaken for trading purposes are measured at fair value by reference to quoted market prices when available (for example listed securities). If quoted market prices are not available, then fair values are estimated on the basis of pricing models or other recognised valuation techniques
- investment securities classified as available for sale are measured at fair value by reference to quoted market prices when available (for example listed securities). If quoted market prices are not available, then fair values are estimated on the basis of pricing models or other recognised valuation techniques. Unrealised gain and loss, excluding impairment write-downs, are recorded in the available for sale reserve in equity until the asset is sold, collected or otherwise disposed of
- fair values of fixed rate loans and issued debt classified as at fair value through profit or loss is estimated by reference to current market rates offered on similar loans and issued debt
- for financial assets carried at fair value, in order to measure counterparty credit risk, a Credit Valuation Adjustment (CVA) is incorporated into the valuation. The CVA is calculated at a counterparty level taking into account all exposures to that counterparty
- for financial liabilities carried at fair value, in order to measure the Consolidated Entity's own credit risk, a Debit Valuation Adjustment (DVA) is incorporated into the valuations, and
- for uncollateralised derivative positions, the Consolidated Entity has incorporated the market implied funding costs for these uncollateralised derivative positions as a Funding Valuation Adjustment (FVA). FVA is determined by calculating the net expected exposures at a counterparty level and applying MGL's internal Treasury lending rates as an input into the calculation. The approach takes into account the probability of default of each counterparty, as well as any mandatory break clauses
Where valuation techniques are used to determine fair values, they are validated and periodically reviewed by qualified personnel independent of the area that created them. All models are certified before they are used, and models are calibrated periodically to test that outputs reflect prices from observable current market transactions in the same instrument or other available observable market data. To the extent possible, models use only observable market data (for example for OTC derivatives), however management is required to make assumptions for certain inputs that are not supported by prices from observable current market transactions in the same instrument, such as volatility and correlation.


## NOTE 38

## Fair value of financial assets and financial liabilities

 continuedThe fair values calculated for financial assets which are carried in the statement of financial position at amortised cost are for disclosure purposes only. The methods and assumptions applied to derive these fair values, as described below, can require significant judgement by management and therefore may not necessarily be comparable to other financial institutions.
The following methods and significant assumptions have been applied in determining the fair values of financial instruments which are carried at amortised cost:

- the fair values of liquid assets and other instruments maturing within three months are approximate to their carrying amounts. This assumption is applied to liquid assets and the shor-term elements of all other financial assets and financial liabilities
- the fair value of demand deposits with no fixed maturity is approximately their carrying amount as they are short-term in nature or are payable on demand
- the fair values of variable rate financial instruments, including certain loan assets and liabilities carried at amortised cost, cash collateral on securities borrowed/cash collateral on securities lent and reverse repurchase/repurchase agreements included within receivables from financial institutions and payables to financial institutions, are approximate to their carrying amounts. The fair value of loan assets repayable without penalty is approximated by their carrying value. Fair values of all loan assets is determined with reference to changes in credit markets as well as interest rates
- the fair value of fixed rate loans and debt carried at amortised cost is estimated by reference to current market rates offered on similar loans and the creditworthiness of the borrower
- the fair value of debt issued and loan capital issued at amortised cost is based on market prices where available. Where market prices are not available the fair value is based on discounted cash flows using rates appropriate to the term and issue and incorporates changes in the Consolidated Entity's own credit spread
- substantially all of the Consolidated Entity's commitments to extend credit are at variable rates. As such, there is no significant exposure to fair value fluctuations resulting from interest rate movements relating to these commitments, and
- in the financial statements of the Consolidated Entity, the fair value of balances due from/to related body corporate entities is approximated by their carrying amount as the balances are generally receivable/payable on demand.


## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 38

Fair value of financial assets and financial liabilities continued
The table below summarise the carrying value and fair value of financial assets and liabilities held at amortised cost of the Consolidated Entity and the Company. Fair values are calculated for disclosure purpose only.

|  | 2017 |  | 2016 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Carrying value \$m | Fair value \$m | Carrying value \$m | Fair value \$m |
| Assets |  |  |  | SOLIDATED |
| Receivables from financial institutions | 25,565 | 25,564 | 30,956 | 30,956 |
| Other financial assets ${ }^{(1)}$ | 5,931 | 5,931 | 4,300 | 4,300 |
| Loan assets held at amortised cost | 75,550 | 75,937 | 78,913 | 79,212 |
| Due from related body corporate entities | 1,733 | 1,733 | 1,610 | 1,610 |
| Total assets | 108,779 | 109,165 | 115,779 | 116,078 |
| Liabilities |  |  |  |  |
| Deposits | 57,682 | 57,696 | 52,228 | 52,250 |
| Other financial liabilities ${ }^{(2)}$ | 6,077 | 6,077 | 3,876 | 3,876 |
| Payables to financial institutions | 14,236 | 14,293 | 20,555 | 20,540 |
| Due to related body corporate entities | 7,367 | 7,367 | 7,555 | 7,555 |
| Debt issued at amortised cost | 43,137 | 43,302 | 55,142 | 54,766 |
| Loan capital | 4,615 | 4,775 | 4,078 | 4,046 |
| Total liabilities | 133,114 | 133,510 | 143,434 | 143,033 |
| Assets |  |  |  | COMPANY |
| Receivables from financial institutions | 23,907 | 23,907 | 28,295 | 28,295 |
| Other financial assets ${ }^{(3)}$ | 4,498 | 4,402 | 3,591 | 3,591 |
| Loan assets held at amortised cost | 52,680 | 52,850 | 56,953 | 57,177 |
| Due from related body corporate entities | 1,535 | 1,535 | 1,032 | 1,032 |
| Due from subsidiaries | 31,071 | 31,071 | 30,348 | 30,348 |
| Total assets | 113,691 | 113,765 | 120,219 | 120,443 |
| Liabilities |  |  |  |  |
| Deposits | 56,298 | 56,313 | 50,952 | 50,974 |
| Other financial liabilities ${ }^{(4)}$ | 4,856 | 4,856 | 3,081 | 3,081 |
| Payables to financial institutions | 11,212 | 11,259 | 17,468 | 17,453 |
| Due to related body corporate entities | 5,959 | 5,959 | 5,910 | 5,910 |
| Due to subsidiaries | 17,480 | 17,480 | 15,312 | 15,312 |
| Debt issued at amortised cost | 29,691 | 29,882 | 40,242 | 39,911 |
| Loan capital | 4,615 | 4,775 | 4,078 | 4,046 |
| Total liabilities | 130,111 | 130,524 | 137,043 | 136,687 |

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## NOTE 38

Fair value of financial assets and financial liabilities continued
The following table summarises the levels of the fair value hierarchy for financial assets and liabilities held at amortised cost:

|  | Level 1 \$m | Level 2 \$m | Level 3 \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: |
| Assets |  |  | CONSOLIDATED 2017 |  |
| Receivables from financial institutions | 7,637 | 17,927 | - | 25,564 |
| Other financial assets | - | 5,931 | - | 5,931 |
| Loan assets held at amortised cost | 7,268 | 7,035 | 61,634 | 75,937 |
| Due from related body corporate entities | - | 1,733 | - | 1,733 |
| Total assets | 14,905 | 32,626 | 61,634 | 109,165 |
| Liabilities |  |  |  |  |
| Deposits | 50,552 | 7,144 | - | 57,696 |
| Other financial liabilities | - | 6,077 | - | 6,077 |
| Payables to financial institutions | 1,046 | 10,779 | 2,468 | 14,293 |
| Due to related body corporate entities | - | 7,367 | - | 7,367 |
| Debt issued at amortised cost | - | 37,339 | 5,963 | 43,302 |
| Loan capital | 1,743 | 3,032 | - | 4,775 |
| Total liabilities | 53,341 | 71,738 | 8,431 | 133,510 |
| Assets |  |  | CONSOLIDATED 2016 |  |
| Receivables from financial institutions | 7,591 | 23,365 | - | 30,956 |
| Other financial assets | - | 4,300 | - | 4,300 |
| Loan assets held at amortised cost | 8,382 | 7,897 | 62,933 | 79,212 |
| Due from related body corporate entities | - | 1,610 | - | 1,610 |
| Total assets | 15,973 | 37,172 | 62,933 | 116,078 |
| Liabilities |  |  |  |  |
| Deposits | 43,366 | 8,884 | - | 52,250 |
| Other financial liabilities | - | 3,876 | - | 3,876 |
| Payables to financial institutions | 1,572 | 16,310 | 2,658 | 20,540 |
| Due to related body corporate entities | - | 7,555 | - | 7,555 |
| Debt issued at amortised cost | - | 47,795 | 6,971 | 54,766 |
| Loan capital | 734 | 3,312 | - | 4,046 |
| Total liabilities | 45,672 | 87,732 | 9,629 | 143,033 |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANGIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 38

Fair value of financial assets and financial liabilities continued
The following table summarises the levels of the fair value hierarchy for financial assets and liabilities held at amortised cost:
Total
\$m

NOTE 38
Fair value of financial assets and financial liabilities continued
The following table summarises the levels of the fair value hierarchy for financial instruments measured at fair value:

|  | Level 1 \$m | Level 2 \$m | Level 3 \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: |
| Assets |  |  | CONSOLIDATED 2017 |  |
| Trading portfolio assets | 17,923 | 8,386 | 328 | 26,637 |
| Derivative assets | 770 | 10,949 | 348 | 12,067 |
| Investment securities available for sale | 3,176 | 1,628 | 378 | 5,182 |
| Other financial assets at fair value through profit or loss | 5 | 742 | 13 | 760 |
| Other financial assets ${ }^{(1)}$ | 24 | 691 | 7 | 722 |
| Total assets | 21,898 | 22,396 | 1,074 | 45,368 |
| Liabilities |  |  |  |  |
| Trading portfolio liabilities | 3,105 | 1,817 | - | 4,922 |
| Derivative liabilities | 686 | 10,214 | 201 | 11,101 |
| Other financial liabilities at fair value through profit or loss | - | 1,877 | 57 | 1,934 |
| Other financial liabilities ${ }^{(2)}$ | - | 707 | 7 | 714 |
| Total liabilities | 3,791 | 14,615 | 265 | 18,671 |
| Assets |  |  | CONSOLIDATED 2016 |  |
| Trading portfolio assets | 15,037 | 7,266 | 759 | 23,062 |
| Derivative assets | 940 | 16,620 | 402 | 17,962 |
| Investment securities available for sale | 6,710 | 1,694 | 604 | 9,008 |
| Other financial assets at fair value through profit or loss | - | 1,039 | 18 | 1,057 |
| Other financial assets ${ }^{(1)}$ | 71 | 772 | 79 | 922 |
| Total assets | 22,758 | 27,391 | 1,862 | 52,011 |
| Liabilities |  |  |  |  |
| Trading portfolio liabilities | 2,750 | 2,044 | - | 4,794 |
| Derivative liabilities | 1,168 | 13,344 | 201 | 14,713 |
| Other financial liabilities at fair value through profit or loss | - | 2,253 | 54 | 2,307 |
| Other financial liabilities ${ }^{(2)}$ | - | 764 | 7 | 771 |
| Total liabilities | 3,918 | 18,405 | 262 | 22,585 |

(1) This balance represents $\$ 722$ million (2016. $\$ 850$ million) of life investment linked contracts and other unitholder assets which are included in Note 9 - Other assets
(2) This balance represents $\$ 714$ million (2016 $\$ 771$ million) of life investment linked contracts and other unitholder liabilities which are included in Note 21 - Other liabilities

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 38

Fair value of financial assets and financial liabilities continued

|  | Level 1 \$m | Level 2 \$m | Level 3 \$m | Total \$m |
| :---: | :---: | :---: | :---: | :---: |
| Assets |  |  | COMPANY 2017 |  |
| Trading portfolio assets | 14,398 | 5,972 | 239 | 20,609 |
| Derivative assets | 759 | 9,796 | 233 | 10,788 |
| Investment securities available for sale | 3,128 | 1,418 | 255 | 4,801 |
| Other financial assets at fair value through profit or loss | 5 | 579 | 10 | 594 |
| Total assets | 18,290 | 17,765 | 737 | 36,792 |
| Liabilities |  |  |  |  |
| Trading portfolio liabilities | 3,233 | 1,910 | - | 5,143 |
| Derivative liabilities | 549 | 9,612 | 119 | 10,280 |
| Other financial liabilities at fair value through profit or loss | - | 3,865 | 56 | 3,921 |
| Total liabilities | 3,782 | 15,387 | 175 | 19,344 |
| Assets |  |  |  | NY 2016 |
| Trading portfolio assets | 12,262 | 5,604 | 290 | 18,156 |
| Derivative assets | 641 | 14,092 | 404 | 15,137 |
| Investment securities available for sale | 6,704 | 1,494 | 296 | 8,494 |
| Other financial assets at fair value through profit or loss | - | 990 | 15 | 1,005 |
| Other financial assets | - | - | 72 | 72 |
| Total assets | 19,607 | 22,180 | 1,077 | 42,864 |
| Liabilities |  |  |  |  |
| Trading portfolio liabilities | 2,738 | 2,086 | - | 4,824 |
| Derivative liabilities | 605 | 12,703 | 166 | 13,474 |
| Other financial liabilities at fair value through profit or loss | - | 4,008 | 54 | 4,062 |
| Total liabilities | 3,343 | 18,797 | 220 | 22,360 |



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## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED
NOTE 38
Fair value of financial assets and financial liabilities continued
Reconciliation of balances in Level 3 of the fair value hierarchy
The following tables reconcile the balances in Level 3 of the fair value hierarchy for the Consolidated Entity and for the Company for the financial years ended 31 March 2017 and 31 March 2016:

|  | Trading portfolio assets $\$ \mathrm{~m}$ | Investment securities available for sale \$m |
| :---: | :---: | :---: |
| Balance as at 1st April 2015 | 657 | 685 |
| Purchases | 351 | 19 |
| Sales | (172) | (82) |
| Settlements | - | (36) |
| Transfers into Level 3 | 78 | 76 |
| Transfers out of Level 3 | (56) | (149) |
| Reclassifications | - | 23 |
| Fair value gains recognised in the income statement ${ }^{(1)}$ | (99) | 6 |
| Fair value (losses)/gains recognised in other comprehensive income ${ }^{(1)}$ | - | 62 |
| Balance as at 31 March 2016 | 759 | 604 |
| Fair value gains/(losses) for the financial year included in the income statement for assets and liabilities held at the end of the financial year ${ }^{(1)}$ | (99) | 6 |
| Balance as at 1st April 2016 | 759 | 604 |
| Purchases | 217 | 67 |
| Sales | (488) | (21) |
| Issues | - | - |
| Settlements | - | (162) |
| Transfers into Level 3 | 59 | - |
| Transfers out of Level 3 | (217) | (12) |
| Reclassifications | - | - |
| Fair value (losses)/gains recognised in the income statement ${ }^{(1)}$ | (2) | (11) |
| Fair value gains recognised in other comprehensive income ${ }^{(1)}$ | - | (87) |
| Balance as at 31 March 2017 | 328 | 378 |

Fair value gains/(losses) for the financial year included in the income
statement for assets and liabilities held at the end of the financial year ${ }^{(1)}$
(1) The Consolidated Entity employs various hedging techniques in order to manage risks, including risks in Level 3 positions. Such techniques may include the purchase or sale of financial instruments that are classified as Levels 1 and/or 2 The realised and unrealised gain and loss for assets and liabilities in Level 3 presented in the table above do nof reflect the related realised or unrealised gain and loss arising on economic hedging instruments classified in Level 1 and/or 2
(2) The derivative financial instruments in the table above are represented on a net basis On a gross basis derivative assets are $\$ 348$ million (2016. $\$ 402$ million) and derivative liablities are $\$ 201$ million (2016 $\$ 201$ million)

| Assets of disposals group classified as held for sale \$m | Other financial assets at fair value through profit or loss \$m | Other financial assets \$m | Other financial liabilities at fair value through profit or loss \$m | Other financial liabilities \$m | Derivative financial instruments (net replacement values) ${ }^{(2)}$ | Total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | CONSOLIDATED 2016 |  |
| 68 | 157 | - | (22) | - | 88 | 1,633 |
| - | - | - | (45) | - | 116 | 441 |
| - | (5) | - | 8 | - | (160) | (411) |
| - | - | - | - | - | - | (36) |
| - | 7 | 7 | - | (7) | 11 | 172 |
| - | (108) | - | - | - | 29 | (284) |
| (56) | (32) | 65 | - | - | - | - |
| (12) | (1) | 7 | 5 | - | 117 | 23 |
| - | - | - | - | - | - | 62 |
| - | 18 | 79 | (54) | (7) | 201 | 1,600 |
| - | - | 7 | 5 | - | 124 | 43 |
|  |  |  |  |  | CONSOLIDATED 2017 |  |
| - | 18 | 79 | (54) | (7) | 201 | 1,600 |
| - | - | - | - | - | 91 | 375 |
| - | (5) | (72) | - | - | (124) | (710) |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | (162) |
| - | - | - | - | - | 8 | 67 |
| - | - | - | - | - | (29) | (258) |
| - | - | - | - | - | - | - |
| - | - | - | (3) | - | - | (16) |
| - | - | - | - | - | - | (87) |
| - | 13 | 7 | (57) | (7) | 147 | 809 |
| - | - | - | (5) | - | (2) | (5) |

## NOTES TO THE FINANCIAL STATEMENTS <br> FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017 <br> CONTINUED

## NOTE 38

Fair value of financial assets and financial liabilities continued
Reconciliation of balances in Level 3 of the fair value hierarchy continued
The following tables reconcile the balances in Level 3 of the fair value hierarchy for the Consolidated Entity and the Company for the financial years ended 31 March 2017 and 31 March 2016:

|  | Trading portfolio assets $\$ \mathrm{~m}$ | Investment securities available for sale \$m |
| :---: | :---: | :---: |
| Balance at 1st April 2015 | 423 | 319 |
| Purchases | 115 | 19 |
| Sales | (155) | (40) |
| Settlements | - | - |
| Transfers into Level 3 | 36 | 77 |
| Transfers out of Level 3 | (56) | (139) |
| Reclassifications | - | 11 |
| Fair value gains recognised in the income statement ${ }^{(1)}$ | (73) | - |
| Fair value (losses)/gains recognised in other comprehensive income ${ }^{(1)}$ | - | 49 |
| Balance at 31 March 2016 | 290 | 296 |
| Fair value gains/(losses) for the financial year included in the income statement for assets and liabilities held at the end of the financial year ${ }^{(1)}$ | (73) | - |
| Balance at 1st April 2016 | 290 | 296 |
| Purchases | 160 | 67 |
| Sales | (249) | (21) |
| Issues | - | - |
| Settlements | - | (1) |
| Transfers into Level 3 | 59 | - |
| Transfers out of Level 3 | (17) | (11) |
| Reclassifications | - | - |
| Fair value (losses)/gains recognised in the income statement ${ }^{(1)}$ | (4) | (23) |
| Fair value gains recognised in other comprehensive income ${ }^{(1)}$ | - | (52) |
| Balance at 31 March 2017 | 239 | 255 |
| Fair value gains/(losses) for the financial year included in the income statement for assets and liabilities held at the end of the financial year ${ }^{(1)}$ | 1 | - |

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## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 38

## Fair value of financial assets and financial liabilities continued

## Significant transfers between levels of the fair value hierarchy

During the financial year the Consolidated Entity and the Company did not have significant transfers between Level 1 and Level 2 .
Transfers into Level 3 were due to the lack of observable valuation inputs for certain securities and investments. Transfers out of Level 3 were principally due to valuation inputs becoming observable during the financial year.

## Unrecognised gains

For financial assets and financial liabilities measured at fair value through profit or loss, when the transaction price in a non-active market is different to the fair market value from other observable current market conditions in the same instrument or based on valuation techniques whose variables include other data from observable markets, the Consolidated Entity and the Company recognises the difference between the transaction price and the fair value in the income statement. In cases where use is made of data which is not observable, profit or loss is only recognised in the income statement when the inputs become observable, or over the life of the instrument.
The table below summarises the deferral and recognition of profit or loss where a valuation technique has been applied for which not all inputs are observable in the market:

|  | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| Balance at the beginning of the financial year | 111 | 53 | 83 | 1 |
| Deferral on new transactions | 67 | 105 | 43 | 105 |
| Amounts recognised in the income statement during the financial year | (51) | (47) | (40) | (23) |
| Balance at the end of the financial year | 127 | 111 | 86 | 83 |

Income Statements
Statements of comprehensive income
Statements of financral position
Statements of changes in equity
Statements of cash flows
Notes to the financial statements
Directors' declaration
Independent auditor's report

## NOTE 38

Fair value of financial assets and financial liabilities continued

## Sensitivity analysis of valuations using unobservable inputs

The table below shows the sensitivity in changing assumptions to reasonably possible alternative assumptions, for those financial instruments for which fair values are determined in whole or in part using valuation techniques such as discounted cash flows, which are based on assumptions that have been determined by reference to historical company and industry experience.

|  | Favourable Changes |  | Unfavourable Changes |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Profit or loss \$m | Equity \$m | Profit or loss \$m | Equity \$m |
| Product type |  |  | CONSOLIDATED 2017 |  |
| Equity and equity linked products | 3 | 16 | (3) | (9) |
| Commodities and other products | 104 | - | (125) | - |
| Total | 107 | 16 | (128) | (9) |
| Product type |  |  | CONSOLIDATED 2016 |  |
| Equity and equity linked products | 2 | 10 | (2) | (12) |
| Commodities and other products | 199 | 26 | (149) | (18) |
| Total | 201 | 36 | (151) | (30) |
| Product type |  |  | COMPANY 2017 |  |
| Equity and equity linked products | 2 | 9 | (2) | (2) |
| Commodities and other products | 68 | - | (88) | - |
| Total | 70 | 9 | (90) | (2) |
| Product type |  |  | COMPANY 2016 |  |
| Equity and equity linked products | 11 | 9 | (11) | (11) |
| Commodities and other products | 96 | 3 | (83) | (3) |
| Total | 107 | 12 | (94) | (14) |

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED

## NOTE 38

## Fair value of financial assets and financial liabilities continued

## Significant unobservable inputs

The following table contains information about the significant unobservable inputs used in Level 3 valuations and the valuation techniques used to measure fair value of instruments. The range of values represent the highest and lowest input used in the valuation techniques. Therefore, the range does not reflect the level of uncertainty regarding a particular input, but rather the different underlying characteristics of the relevant assets and liabilities.

(1) The range of inputs relating to market comparability is not disclosed as the diverse nature of the underlying investments results in a wide range of inputs

## Correlation

Correlation is a measure of the relationship between the movements of two variables (i.e. how the change in one variable influences a change in the other variable). Correlation is a key input of derivatives with more than one underlying and is generally used to value hybrid and exotic instruments.

## Volatility

Volatility is a measure of the variability or uncertainty in returns for a given derivative underlying. It represents an estimate of how much a particular underlying instrument, parameter or index will change in value over time. Volatility is an input in the valuation of derivatives containing optionality. Volatility and skew are impacted by the underlying risk, term and strike price of a derivative.

Inputs for unlisted equity securities (discount rate, earnings multiple)
Unlisted equity instruments are generally valued based on earnings multiples of comparable companies. Significant unobservable inputs may include earnings multiple, discount rate and forecast earnings of the investee companies.

## NOTE 39

## Offsetting financial assets and financial liabilities

The Consolidated Entity reports financial assets and financial liabilities on a net basis in the statement of financial position when they meet the criteria described in Note $1(x x v i)$ - Offsetting financial instruments. The following tables provide information on the impact of offsetting that has occurred in the statement of financial position, as well as amounts subject to enforceable netting arrangements that do not meet all the criteria for offsetting in the statement of financial position. Enforceable netting arrangements may allow for net settlement of specified contracts with a counterparty only in the event of default or other pre-determined events, such that their potential effects on the Consolidated Entity's and Company's financial position in that circumstance is to settle as one arrangement. The Consolidated Entity uses a variety of credit risk mitigation strategies in addition to netting and collateral arrangements, therefore amounts presented in this note are not intended represent the credit risk exposure of the entity, refer to Note 37.1 - Credit risk for information on credit risk management.

|  | Amounts subject to enforceable netting arrangements |  |  |  |  |  | Amounts not subject to enforceable netting arrangements \$m | Statement of financial position total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Subject to offsetting in the statement of financial position |  |  | Related amou | nts not offset ${ }^{(7)}$ |  |  |  |
|  | Gross amount \$m | Amounts offset \$m | Net amount presented \$m | Other <br> recognised financial instruments ${ }^{(5)}$ \$m | Cash and other financial collateral ${ }^{(6)}$ \$m | Net amount \$m |  |  |
|  |  |  |  |  |  |  | CONSOL | DATED 2017 |
| Receivables from financial institutions ${ }^{(1)}$ | 17,464 | - | 17,464 | $(1,069)$ | $(16,131)$ | 264 | 8,101 | 25,565 |
| Derivative assets | 16,859 | $(5,339)$ | 11,520 | $(6,651)$ | $(2,754)$ | 2,115 | 547 | 12,067 |
| Other assets ${ }^{(2)}$ | 4,187 | $(2,328)$ | 1,859 | (29) | - | 1,830 | 4,794 | 6,653 |
| Loan assets held at amortised cost | 632 | (28) | 604 | (65) | - | 539 | 74,946 | 75,550 |
| Other financial assets at fair value through profit or loss | 442 | (314) | 128 | - | - | 128 | 632 | 760 |
| Due from related body corporate entities | 10,748 | $(9,206)$ | 1,542 | - | - | 1,542 | 191 | 1,733 |
| Total assets | 50,332 | $(17,215)$ | 33,117 | $(7,814)$ | $(18,885)$ | 6,418 | 89,211 | 122,328 |
| Derivative liabilities | $(15,334)$ | 5,339 | $(9,995)$ | 6,651 | 2,343 | $(1,001)$ | $(1,106)$ | $(11,101)$ |
| Deposits | (575) | 219 | (356) | 65 | - | (291) | $(57,326)$ | $(57,682)$ |
| Other liabilities ${ }^{(3)}$ | $(4,017)$ | 2,328 | $(1,689)$ | 29 | - | $(1,660)$ | $(5,102)$ | $(6,791)$ |
| Payables to financial institutions ${ }^{(4)}$ | $(6,884)$ | - | $(6,884)$ | 1,069 | 5,565 | (250) | $(7,352)$ | $(14,236)$ |
| Other financial liabilities at fair value through profit or loss | (97) | 95 | (2) | - | - | (2) | $(1,932)$ | $(1,934)$ |
| Due to related body corporate entities | $(16,509)$ | 9,206 | $(7,303)$ | - | - | $(7,303)$ | (64) | $(7,367)$ |
| Debt issued at amortised cost | (28) | 28 | - | - | - | - | $(43,137)$ | $(43,137)$ |
| Total liabilities | $(43,444)$ | 17,215 | $(26,229)$ | 7,814 | 7,908 | $(10,507)$ | $(116,019)$ | $(142,248)$ |

(1) Included within this balance are reverse repurchase arrangements and other similar secured lending
2) This balance excludes other non-financial assets of $\$ 1.993$ milion which is included in Note 9 - Other assets
3) This balance excludes other non-financial liabilities of $\$ 2584$ million which is included in Note 21 . Other liabilities
4) Included within this balance are repurchase arrangements and other similar secured borrowing
5) Financial Instruments recognised in the statement of financial position but not offset due to not meeting all the criteria for net presentation
(6) Amounts recelved or pledged as collateral in relation to the gross amounts of assets and liabilities
(7) Related amounts not offset have been limited to the net amount presented in the statement of financial position so as not to include the effect of over-collateralisation

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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NOTE 39
Offsetting financial assets and financial liabilities continued

|  | Amounts subject to enforceable netting arrangements |  |  |  |  |  | Amounts not subject to enforceable netting arrangements \$m | Statement of financial position total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Subject to offsetting in the statement of financial position |  |  | Related amou | nts not offset ${ }^{(7)}$ |  |  |  |
|  | Gross amount \$m | Amounts offset \$m | Net amount presented \$m | Other <br> recognised financial instruments ${ }^{(5)}$ \$m | Cash and other financial collatera\|(6) \$m | Net amount \$m |  |  |
|  |  |  |  |  |  |  | CONSO | DATED 2016 |
| Receivables from financial institutions ${ }^{(1)}$ | 23,261 | - | 23,261 | (265) | $(22,310)$ | 686 | 7,695 | 30,956 |
| Derivative assets | 23,515 | $(7,114)$ | 16,401 | $(10,606)$ | $(2,430)$ | 3,365 | 1,561 | 17,962 |
| Other assets ${ }^{(2)}$ | 3,368 | $(1,988)$ | 1,380 | (28) | - | 1,352 | 3,770 | 5,150 |
| Loan assets held at amortised cost | 38 | (38) | - | - | - | - | 78,913 | 78,913 |
| Other financial assets at fair value through profit or loss | 448 | (272) | 176 | - | - | 176 | 881 | 1,057 |
| Due from related body corporate entities | 22,930 | $(21,460)$ | 1,470 | - | - | 1,470 | 140 | 1,610 |
| Total assets | 73,560 | $(30,872)$ | 42,688 | $(10,899)$ | $(24,740)$ | 7,049 | 92,960 | 135,648 |
| Derivative liabilities | $(21,069)$ | 7,114 | $(13,955)$ | 10,606 | 1,571 | $(1,778)$ | (758) | $(14,713)$ |
| Deposits | (314) | 263 | (51) | - | - | (51) | $(52,177)$ | $(52,228)$ |
| Other liabilities ${ }^{(3)}$ | $(3,427)$ | 1,988 | $(1,439)$ | 28 | - | $(1,411)$ | $(3,208)$ | $(4,647)$ |
| Payables to financial institutions ${ }^{(4)}$ | $(7,866)$ | - | $(7,866)$ | 265 | 7.481 | (120) | $(12,689)$ | $(20,555)$ |
| Other financial liabilities at fair value through profit or loss | (9) | 9 | - | - | - | - | $(2,307)$ | $(2,307)$ |
| Due to related body corporate entities | $(28,966)$ | 21,460 | $(7,506)$ | - | - | $(7,506)$ | (49) | $(7,555)$ |
| Debt issued at amortised cost | (38) | 38 | - | - | - | - | $(55,142)$ | $(55,142)$ |
| Total liabilities | $(61,689)$ | 30,872 | $(30,817)$ | 10,899 | 9,052 | $(10,866)$ | $(126,330)$ | $(157,147)$ |

(1) Included within this balance are reverse repurchase arrangements and other similar secured lending
(2) This balance excludes other non-financial assets of $\$ 1.768$ million which is included in Note 9 - Other assets.
(3) This balance excludes other non-financial liabilities of $\$ 2,474$ million which is included in Note 21 - Other liabillties
(4) Included within this balance are repurchase arrangements and other similar secured borrowing
5) Financial instruments recognised in the statement of financial position but not offset due to not meeting all the criteria for net presentation
(6) Amounts received or pledged as collateral in relation to the gross amounts of assets and liablities
(7) Related amounts not offset have been limited to the net amount presented in the statement of financial position so as not to maclude the effect of over-collateralisation.

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NOTE 39
Offsetting financial assets and financial liabilities continued

|  | Amounts subject to enforceable netting arrangements |  |  |  |  |  | Amounts not subject to enforceable netting arrangements \$m | Statement of financial position total \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Subject to offsetting in the statement of financial position |  |  | Related amou | ints not offset ${ }^{(7)}$ |  |  |  |
|  | Gross amount \$m | Amounts offset \$m | Net amount presented \$m | Other <br> recognised financial instruments ${ }^{(5)}$ | Cash and other financial collateral(6) \$m | Net amount \$m |  |  |
|  |  |  |  |  |  |  |  | MPANY 2017 |
| Receivables from financial institutions ${ }^{(1)}$ | 17,249 | - | 17,249 | $(1,057)$ | $(15,928)$ | 264 | 6,658 | 23,907 |
| Derivative assets | 15,138 | $(4,792)$ | 10,346 | $(5,972)$ | $(2,472)$ | 1,902 | 442 | 10,788 |
| Other assets ${ }^{(2)}$ | 3,756 | $(2,116)$ | 1,640 | - | - | 1,640 | 2,858 | 4,498 |
| Loan assets held at amortised cost | 590 | - | 590 | (52) | - | 538 | 52,090 | 52,680 |
| Other financial assets at fair value through profit or loss | 346 | (219) | 127 | - | - | 127 | 467 | 594 |
| Due from related body corporate entities | 9,709 | $(8,354)$ | 1,355 | - |  | 1,355 | 180 | 1,535 |
| Due from subsidiaries | 45,233 | $(17,222)$ | 28,011 |  |  | 28,011 | 3,060 | 31,071 |
| Total assets | 92,021 | $(32,703)$ | 59,318 | $(7,081)$ | $(18,400)$ | 33,837 | 65,755 | 125,073 |
| Derivative liabilities | $(13,721)$ | 4,792 | $(8,929)$ | 5,972 | 2,103 | (854) | $(1,351)$ | $(10,280)$ |
| Deposits | (530) | 219 | (311) | 52 | - | (259) | $(55,987)$ | $(56,298)$ |
| Other liabilities ${ }^{(3)}$ | $(3,565)$ | 2,116 | $(1,449)$ | - | - | $(1,449)$ | $(3,407)$ | $(4,856)$ |
| Payables to financial institutions ${ }^{(4)}$ | $(6,831)$ | - | $(6,831)$ | 1,057 | 5,526 | (248) | $(4,381)$ | $(11,212)$ |
| Due to related body corporate entities | $(14,263)$ | 8,354 | $(5,909)$ | - | - | $(5,909)$ | (50) | $(5,959)$ |
| Due to subsidiaries | $(28,240)$ | 17,222 | $(11,018)$ | - | - | $(11,018)$ | $(6,462)$ | $(17,480)$ |
| Total liabilities | $(67,150)$ | 32,703 | $(34,447)$ | 7,081 | 7,629 | $(19,737)$ | $(71,638)$ | $(106,085)$ |

(1) Included within this balance are reverse repurchase arrangements and other similar secured lending
(2) This balance excludes other non-financial assets of $\$ 681$ million which is included in Note 9 - Other assets
(3) This balance excludes other non-financial liabilities of $\$ 1,360$ million which is included in Note 21 - Other liabilities
4) Included within this balance are repurchase arrangements and other similar secured borrowing
(5) Financial Instruments recognised in the statement of financial position but not offset due to not meeting all the criteria for net presentation
(6) Amounts received or pledged as collateral in relation to the gross amounts of assets and liabilities
(7) Related amounts not offset have been limited to the net amount presented in the statement of financial position so as not to include the effect of over-collateralisation

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
CONTINUED
NOTE 39
Offsetting financial assets and financial liabilities continued
Amounts subject to enforceable netting arrangements

|  | Subject to offsetting in the statement of financial position |  |  | Related amounts not offset ${ }^{(7)}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross amount $\$ \mathrm{~m}$ | Amounts offset \$m | Net amount presented \$m | Other <br> recognised financial instruments ${ }^{(5)}$ | Cash and other financial collatera ${ }^{\left({ }^{(6)}\right.}$ \$m | Net amount $\$ \mathrm{~m}$ | Amounts not subject to enforceable netting arrangements \$m | Statement of financial position total \$m |
|  |  |  |  |  |  |  |  | MPANY 2016 |
| Receivables from financial institutions ${ }^{(1)}$ | 23,018 | - | 23,018 | (263) | $(22,069)$ | 686 | 5,277 | 28,295 |
| Derivative assets | 19,903 | $(6,021)$ | 13,882 | $(8,977)$ | $(2,057)$ | 2,848 | 1,255 | 15,137 |
| Other assets ${ }^{(2)}$ | 2,456 | $(1,555)$ | 901 | - | - | 901 | 2,690 | 3,591 |
| Other financial assets at fair value through profit or loss | 439 | (263) | 176 | - | - | 176 | 829 | 1,005 |
| Due from related body corporate entities | 12,815 | $(11,962)$ | 853 | - | - | 853 | 179 | 1,032 |
| Due from subsidiaries | 46,102 | $(19,961)$ | 26,141 | - | - | 26,141 | 4,207 | 30,348 |
| Total assets | 104,733 | $(39,762)$ | 64,971 | $(9,240)$ | $(24,126)$ | 31,605 | 14,437 | 79,408 |
| Derivative liabilities | $(17,832)$ | 6,021 | $(11,811)$ | 8,977 | 1,330 | $(1,504)$ | $(1,663)$ | $(13,474)$ |
| Deposits | (284) | 263 | (21) | - | - | (21) | $(50,931)$ | $(50,952)$ |
| Other liabilities ${ }^{(3)}$ | $(2,493)$ | 1,555 | (938) | - | - | (938) | $(2,143)$ | $(3,081)$ |
| Payables to financial institutions ${ }^{(4)}$ | $(7,797)$ | - | $(7,797)$ | 263 | 7,414 | (120) | $(9,671)$ | $(17,468)$ |
| Due to related body corporate entities | $(17,843)$ | 11,962 | $(5,881)$ | - | - | $(5,881)$ | (29) | $(5,910)$ |
| Due to subsidiaries | $(26,684)$ | 19,961 | $(6,723)$ | - | - | $(6,723)$ | $(8,589)$ | $(15,312)$ |
| Total liabilities | $(72,933)$ | 39,762 | $(33,171)$ | 9,240 | 8,744 | $(15,187)$ | $(73,026)$ | $(106,197)$ |

(1) Included within this balance are reverse repurchase arrangements and other similar secured lending
(2) This balance excludes other non-financial assets of $\$ 747$ million which is included in Note 9 - Other assets
(3) This balance excludes other non-financial liabilities of $\$ 1,537$ million which is included in Note 21 - Other llablities
(4) Included within this balance are repurchase arrangements and other similar secured borrowing
(5) Financial Instruments recognised in the statement of financial position but not offset due to not meeting all the criteria for net presentation
(6) Amounts received or pledged as collateral in relation to the gross amounts of assets and liabilities.
( 7 ) Related amounts not offset have been limited to the net amount presented in the statement of finamcial position so as not to include the effect of over-collateralisation

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## NOTE 40

## Transfers of financial assets

The Consolidated Entity may enter into transactions in the normal course of business that transfer financial assets recognised in the statement of financial position to other entities. Depending on the criteria discussed in Note 1 ( X ) - Recognition and derecognition of financial assets and financial liabilities the Consolidated Entity may be unable to derecognise the transferred asset, be able to derecognise the transferred assets in full or continue to recognise the asset to the extent of continuing involvement.

## Transferred financial assets that are derecognised

When financial assets are derecognised, some continuing involvement may be retained in the assets through liquidity support, financial guarantees, certain derivatives or certain securitisation interests. For the financial years ending 31 March 2017 and 31 March 2016, there were no material transfers of financial assets where the Consolidated Entity or Company retained continuing involvement in the transferred asset.
Transferred financial assets that are not derecognised
The Consolidated Entity and the Company did not recognise financial assets only to the extent of continuing involvement in the years ending 31 March 2017 and 31 March 2016. The following transactions typically result in the transferred assets continuing to be recognised in full.

## Repurchase and securities lending agreements

Securities sold under agreement to repurchase and securities subject to lending agreements continue to be recognised in the statement of financial position and an associated liability is recognised for the consideration received. In certain arrangements, the securities transferred cannot otherwise be pledged or sold, however the assets may be substituted if the collateral is maintained

## Asset swaps

Financial assets sold, while concurrently entering into an asset swap with the counterparty, continue to be recognised along with an associated liability for the consideration received. The Consolidated Entity and Company do not have legal rights to these assets but have full economic exposure to them. The transferred assets cannot otherwise be pledged or sold

## Interests in securitisations

Financial assets (principally mortgage loans and finance lease receivables) are packaged and securities issued to investors. Securitisation vehicles used to achieve this purpose are consolidated when the rights to the residual income of the vehicles, after all payments to investors and costs of the program have been met, is retained. When the Company is entitled to any residual income of a securitisation vehicle, the Company continues to recognise the financial assets. The transferred assets cannot otherwise be pledged or sold

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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## NOTE 40

Transfers of financial assets continued

|  |  | For those liabilities that only <br> have recourse to the transferred assets |
| :--- | :--- | :--- | :--- |

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## NOTE 40

## Transfers of financial assets continued

The following table presents information about transfers of financial assets recognised by the Company as at 31 March 2017 and 31 March 2016:

|  |  | For those liabilities that only <br> have recourse to the transferred assets |
| :--- | :--- | :--- | :--- | :--- |

## NOTES TO THE FINANCIAL STATEMENTS

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## NOTE 41

Audit and other services provided by PricewaterhouseCoopers
During the financial year, the auditor of the Consolidated Entity and the Company, PwC, and its network firms earned the following remuneration:

(1) Other assurance services consist of engagements in relation to an audit that are not the direct audit or review of financial reports These services include regulatory compliance, due diligence, accounting advice and review of controls and procedures
Use of PwC's services for engagements other than audit and assurance is restricted in accordance with the Company's Auditor Independence Policy. It is the Consolidated Entity's policy to seek competitive tenders for all major advisory projects.

## NOTE 42

Acquisitions and disposals of subsidiaries and businesses
Significant or other entities or businesses acquired or consolidated due to acquisition of control:
There were no significant or other entities or businesses acquired or consolidated due to acquisition of control during the financial year.
Other entities or businesses acquired or consolidated due to acquisition of control:
There were no significant other entities or businesses acquired or consolidated due to acquisition of control during the financial year
There were no significant entities or businesses acquired or consolidated due to acquisition of control in the 31 March 2016 comparatives.
Other entities acquired or consolidated due to acquisition of control in the 31 March 2016 comparatives are as follows
AWAS Aviation Capital Portfolio, Esanda Dealer Finance Portfolio, Energetics Topco Limited and Advantage Funding Management Co. Inc.

## NOTES TO THE FINANCIAL STATEMENTS

FOR THE FINANCIAL YEAR ENDED 31 MARCH 2017
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## NOTE 42

Acquisitions and disposals of subsidiaries and businesses continued
Significant or other entities or businesses disposed of or deconsolidated due to loss of control:
There were no significant entities or businesses disposed of or deconsolidated due to loss of control during the financial year.
Other entities or businesses disposed of or deconsolidated due to loss of control:
Macquarie Life's risk insurance business, International Life Solutions Proprietary Limited and US Mortgages.
Aggregate details of the entities or businesses disposed of or deconsolidated are as follows:

|  | $\begin{array}{r} 2017 \\ \$ \mathrm{~m} \end{array}$ | $\begin{array}{r} 2016 \\ \$ \mathrm{~m} \end{array}$ |
| :---: | :---: | :---: |
| Carrying value of assets and liabilities disposed of or deconsolidated |  |  |
| Receivables from financial institutions | 36 | 106 |
| Trading portfolio assets | 77 | - |
| Other assets | 131 | 339 |
| Loan assets held at amortised cost | 427 | - |
| Other financial assets at fair value through profit or loss | - | 114 |
| Property, plant and equipment | - | 32 |
| Interests in associates and joint ventures accounted for using the equity method | - | 71 |
| Intangible assets | - | 573 |
| Other liabilities | (126) | (795) |
| Total carrying value of net assets disposed of or deconsolidated | 545 | 440 |
| Consideration |  |  |
| Cash consideration | 768 | 1,352 |
| Consideration receivable | 1 | - |
| Total consideration | 769 | 1,352 |
| Direct costs relating to disposal | (21) | - |
| In-specie distribution | - | 131 |
| Net cash flow |  |  |
| Cash consideration | 768 | 1,352 |
| Less: Cash and cash equivalents disposed of or deconsolidated | (36) | - |
| Cash outflow on direct costs related to disposal | (10) | - |
| Net cash inflow | 722 | 1,352 |

The 31 March 2016 comparatives principally relate to the following entities or businesses disposed of or deconsolidated due to loss of control: Macquarie Almond Orchard business, MIM business and Vineyard business.

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## NOTE 43

## Discontinued operations

During the financial year 2016, the Consolidated Entity had disposed of its Macquarie Investment Management (MIM) business to the Macquarie Financial Holdings Pty Limited Group which is a fully owned subsidiary of the Macquarie Group. Before the disposal of MIM the business was previously operating within the MAM operating segment and offering asset and wealth management services within the products and services segment. MIM offers investment management expertise across a number of asset classes including fixed interest, credit and currencies, equities, infrastructure securities and multi-asset allocation solutions. MIM delivers a full-service offering to both retail and institutional clients in Australia and the US, with selective offerings in other regions.
(i) Income statement and cash flow information

|  | CONSOLIDATED |  | COMPANY |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 | 2017 | 2016 |
|  | \$m | \$m | \$m | \$m |
| Net operating income/(expense) | - | 71 | - | (8) |
| Total operating expenses | - | (30) | - | (14) |
| Operating profit before income tax | - | 41 | - | (22) |
| Gain on disposal | - | 1,009 | - | 655 |
| Profit/(loss) from discontinued operations before income tax | - | 1,050 | - | 633 |
| Income tax (expense)/benefit | - | (10) | - | 8 |
| Profit from discontinued operations (net of income tax) ${ }^{(1)}$ | - | 1,040 | - | 641 |
| Cash flow from operating activities | - | 31 | - | - |
| Cash flow from/(used in) investing activities | - | - | - | - |
| Cash flow used in financing activities | - | (184) | - | - |
| Net decrease in cash and cash equivalents | - | (153) | - | - |
| Cash and cash equivalents at the beginning of the financial year | - | 153 | - | - |
| Cash and cash equivalents at the end of the financial year | - | - | - | - |

(1) Profit from discontinued operations includes income and expenses recorded in the Corporate segment that relate to MIM and its subsidiaries

## NOTE 44

## Events after the reporting date

There were no material events subsequent to 31 March 2017 that have not been reflected in the financial statements.

## MACQUARIE BANK LIMITED <br> DIRECTORS' DECLARATION

In the Directors' opinion:
a) the financial statements and notes set out on pages 49 to 169 are in accordance with the Corporations Act 2001 (Cth), including:
(i) complying with the Australian accounting standards, and
(ii) giving a true and fair view of the Company's and the Consolidated Entity's financial positions as at 31 March 2017 and their performance for the financial year ended on that date, and
b) there are reasonable grounds to believe that the Company will be able to pay its debts as and when they become due and payable.
Note 1 (i) includes a statement that the Financial Report complies with International Financial Reporting Standards.
The Directors have been given the declarations by the CEO and CFO required by section 295A of the Corporations Act 2001 (Cth).
This declaration is made in accordance with a resolution of the Directors.


## Peter Warne

Independent Director and Chairman


## Mary Reemst

Managing Director and Chief Executive Officer
Sydney
5 May 2017

Independent auditor's report

## REPORT ON THE AUDIT OF THE FINANCIAL REPORT

## Our opinion

In our opinion, the accompanying financial report of Macquarie Bank Limited (the Company) and its controlled entities (together the 'Consolidated Entity') is in accordance with the Corporations Act 2001 (Cth), including:
a) giving a true and fair view of the Company's and the Consolidated Entity's financial position as at 31 March 2017 and of their financial performance for the year then ended; and
b) complying with Australian Accounting Standards and the Corporations Regulations 2001 (Cth)

## What we have audited

Macquarie Bank Limited's financial report comprises:

- the Company and the Consolidated Entity statements of financial position as at 31 March 2017
- the Company and the Consolidated Entity income statements for the year then ended
- the Company and the Consolidated Entity statements of comprehensive income for the year then ended
- the Company and the Consolidated Entity statements of changes in equity for the year then ended
- the Company and the Consolidated Entity statements of cash flows for the year then ended
- the notes to the financial statements, which include a summary of significant accounting policies, and
- the directors' declaration.


## Basis for opinion

We conducted our audit in accordance with Australian Auditing Standards. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial report section of our report.
We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

## Independence

We are independent of the Consolidated Entity in accordance with the auditor independence requirements of the Corporations Act 2001 (Cth) and the ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 Code of Ethics for Professional Accountants (the Code) that are relevant to our audit of the financial report in Australia. We have also fulfilled our other ethical responsibilities in accordance with the Code.

## Our audit approach

An audit is designed to provide reasonable assurance about whether the financial report is free from material misstatement. Misstatements may arise due to fraud or error. They are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial report.
The Consolidated Entity is structured into four global operating groups and a corporate segment. The Consolidated Entity has operations in multiple overseas locations, including sites in Gurugram, Jacksonville and Manila which undertake operational activities that are important to the financial reporting processes. The Consolidated Entity's financial report is a consolidation of the four global operating groups and the corporate segment.

We tailored the scope of our audit to ensure that we performed enough work to be able to give an opinion on the financial report as a whole, taking into account the geographic and management structure of the Consolidated Entity, its accounting processes and controls, and the industry in which it operates.


## Consolidated Entity materiality

For the purpose of our Consolidated Entity audit we used overall materiality of $\$ 110$ million, which represents approximately $1 \%$ of the Consolidated Entity's net assets. We applied this threshold, together with qualitative considerations, to determine the scope of our audit and the nature, timing and extent of our audit procedures and to evaluate the effect of misstatements on the financial report as a whole.

We chose net assets as the benchmark and, in our view, as the Consolidated Entity is a wholly owned subsidiary with listed debt, net assets represents an important benchmark against which the performance of the Consolidated Entity is measured by relevant stakeholders. We selected $1 \%$ based on our professional judgement, noting it is within the range of commonly accepted thresholds.

## Consolidated Entity audit scope

Our overall approach to setting our audit scope was to focus our audit in areas where we identified a higher risk of material misstatement to the financial report, including areas where the directors made subjective judgements; for example, significant accounting estimates involving assumptions and inherently uncertain future events. To conduct this risk assessment, we considered the inherent risks facing the Consolidated Entity, including those arising from its respective business operations, and how the Consolidated Entity manages these risks. We also considered a number of other factors including the design and implementation of the Consolidated Entity's control environment relevant to the audit, the appropriateness of the use of the going concern basis of accounting in the preparation of the financial report and the risk of management override of key controls.
We aligned our audit to the Consolidated Entity's structure by instructing a divisional audit team for each of the four global operating groups and the corporate segment. These divisional audit teams established an audit strategy tailored for each operating group and the corporate segment, in consultation with the central audit team.
Given the extent of the overseas operations of the Consolidated Entity, the divisional audit teams instructed a number of audit teams in overseas locations to perform audit procedures ranging
from an audit of financial information to specified risk focussed audit procedures. The central audit team determined the level of supervision and direction it needed to have over the audit work performed by the divisional audit teams, including over the divisional audit teams' review and supervision of the overseas audit teams they, in turn instructed. As part of the overall supervision of our audit and to develop our understanding of the Consolidated Entity's global operations, the central audit team or the divisional audit teams also visited overseas locations, including Gurugram, Houston, Jacksonville, London, Manila, New York, San Francisco and Singapore.
The work performed by the divisional audit teams and the overseas audit teams, together with additional audit procedures performed by the central audit team such as procedures over the Consolidated Entity consolidation and the financial report disclosures, provided us with the information we needed for our opinion on the Consolidated Entity financial report as a whole.

## Key audit matter

Provisions for loan losses

## Refer to Note 10

The Consolidated Entity holds both specific and collective impairment provisions over loan assets. Specific impairment provisions are created when the impairment of an individual loan is recognised. The collective impairment provision is intended to cover losses in the existing overall loan portfolio which have not yet been individually identified.
The identification of loans that are deteriorating and the assessment of the present value of expected future cash flows in determining specific impairment provisions are inherently uncertain, involving various assumptions and judgments. In estimating the collective impairment provisions, judgement is required in the design of the models used and the selection of assumptions adopted, such as the estimate of the likelihood of default and the potential loss given default. A management overlay is also included in the overall collective provision to reflect emerging trends or particular situations which are not captured by these models.
Given the extent of judgment involved, we considered this to be a key audit matter.

## Valuation of financial assets and liabilities held at fair value

## Refer to Note 38

The Consolidated Entity exercises judgement in valuing certain assets and liabilities at fair value where there is limited supporting external evidence. Under Australian Accounting Standards, these items are classified as Level 3 financial instruments when their valuation is determined using models which use significant unobservable inputs. Unobservable inputs are those for which regularly traded market prices or readily comparable fair values are not available.
For the Consolidated Entity, these Level 3 financial instruments predominantly consist of derivatives and unlisted equity and debt investments. Judgement is required in estimating the fair value of these financial instruments in determining appropriate models, assumptions and inputs.
Given the extent of judgement involved in valuing these Level 3

## Key audit matters

Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the financial report for the current period. We have communicated the key audit matters to the Board Audit Committee. The key audit matters were addressed in the context of our audit of the financial report as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. Further, any commentary on the outcomes of a particular audit procedure is made in that context. The key audit matters identified below relate to both the Company and the Consolidated Entity audits conducted.

How our audit addressed the key audit matter

Our procedures included evaluating and testing certain controls relating to the timely recognition and measurement of impairments for loan losses.
For specific loan loss provisions, we examined a sample of individual loan exposures. We applied judgment in selecting this sample, including consideration of sectors that may pose an increased risk of uncertainty, including oil and gas, commodities and certain geographic regions of the Australian property market. We also evaluated a sample of loan assets written off or disposed of to assess, with the benefit of hindsight, the Consolidated Entity's ability to accurately estimate specific loan loss provisions. For the collective provisions, assisted by our experts, we tested on a sample basis:

- the appropriateness of design and use of models used by the Consolidated Entity, and
- the appropriateness of the assumptions adopted and data used in the models, by our knowledge of industry developments and the actual loss experience of the Consolidated Entity.
We also examined and assessed the analysis performed by the Consolidated Entity in determining the management overlay.
We assessed the appropriateness of the Consolidated Entity's disclosure in the financial report.

Our procedures included assessing the design and testing the operating effectiveness of certain controls relating to Level 3 financial instruments, including controls over:

- approval and validation of the models adopted
- accuracy of data feeds and inputs to models
- the Consolidated Entity's process for testing valuations, and
- governance and review.

For derivatives, we assessed a sample of valuations by considering the modelling approaches and inputs, assisted by our valuation experts. We also considered a sample of collateral disputes, gains and losses on disposals and other events to help assess the appropriateness of the valuations
For a sample of unlisted equity and debt investments, we assessed the appropriateness of the valuation methodologies

## Key audit matter

financial instruments, we considered this to be a key audit matter.

## How our audit addressed the key audit matter

applied, and assessed the sensitivity of the Consolidated Entity's valuations to alternative methodologies and assumptions where appropriate. We also evaluated a sample of disposals to assess with the benefit of hindsight, the Consolidated Entity's ability to estimate fair values.
We assessed the appropriateness of the Consolidated Entity's disclosures in the financial report

Impairment of aircraft assets and recognition and measurement of supplemental income and maintenance liabilities Refer to Note 2, 13 and 21

The Consolidated Entity holds a portfolio of aircraft assets which it leases to various airlines. At year end, the Consolidated Entity considered whether there were any indicators that these assets might be impaired. The Consolidated Entity then also compared the carrying amount of individual aircraft assets to the higher of their value-in-use and fair value less costs of disposal.

Value-in-use is the calculation of the net present value of the cash flows expected from the Consolidated Entity's use of an aircraft This calculation requires an estimation of the expected future cash flows associated with the use of an aircraft and its eventual sale. The Consolidated Entity also obtains independent valuation reports for certain aircraft held by the Consolidated Entity from external appraisers to assist in developing their estimates of the value-in-use and fair value less cost of disposal.

Under these aircraft leases, certain lessees are obliged to maintain the condition of the aircraft at specified standards. As part of this arrangement, these lessees make additional payments to the Consolidated Entity based on aircraft utilisation, which are recorded as supplemental income. In some cases, these payments are deferred until the end of the lease. The Consolidated Entity also estimates and accrues for the liability for major maintenance events expected to occur during the lease.
Given the extent of judgement required in respect of impairment, and the recognition and measurement of supplemental income and maintenance liabilities over the term of the associated lease, we considered this to be a key audit matter.

## IT systems and controls over financial reporting

The Consolidated Entity's operations and financial reporting systems are heavily dependent on IT systems, including automated accounting procedures and IT dependent manual controls. The Consolidated Entity's controls over IT systems include:

- the framework of governance over IT systems
- controls over program development and changes
- access to programs, data and IT operations, and
- governance over generic and privileged user accounts.

Given the reliance on the IT systems in the financial reporting process, we considered this to be a key audit matter.

Provisions for tax payable and deferred tax liabilities
Refer to Note 18 and 21
The Consolidated Entity is subject to taxation in a number of jurisdictions. The assessment of the amounts expected to be paid to tax authorities is considered initially by the Consolidated Entity at a local level and then reviewed centrally, with consideration

Our procedures in relation to impairment included updating our understanding of prevailing market conditions and factors that could materially affect the fair value and usage of aircraft assets and considering whether these may represent indicators of impairment.
Our procedures also included:

- evaluating the appropriateness of the impairment assessment methodology and selected assumptions in the value-in-use calculations
- assessing the competency, capability and objectivity of external appraisers, as well as the appropriateness of methodologies and assumptions used by the appraisers, and
- comparing the realised value of certain aircraft sold during the year against the carrying value to assess, with the benefit of hindsight, the Consolidated Entity's ability to accurately make estimates.
Our procedures with respect to the recognition and measurement of supplemental income and expense relating to aircraft maintenance included:
- performing a retrospective review of a sample of end of lease settlements against projections to assess, with the benefit of hindsight, the Consolidated Entity's ability to estimate supplemental income
- evaluating the appropriateness of the maintenance reserve accrual methodology and selected assumptions and inputs used.

We assessed the appropriateness of the Consolidated Entity's disclosure in the financial report.

Our procedures included evaluating and testing the design and operating effectiveness of certain controls over the continued integrity of the IT systems that are relevant to financial reporting.
We also carried out direct tests, on a sample basis, of system functionality that was key to our audit testing in order to assess the accuracy of certain system calculations, the generation of certain reports and the operation of certain system enforced access controls
When considered appropriate we performed alternative audit procedures on the financial information that was key to our audit testing produced by the IT systems

Our procedures included evaluating the analysis conducted by the Consolidated Entity which sets out the basis for judgements made in respect of the ultimate amounts expected to be paid to tax authorities.

## INDEPENDENT AUDITOR'S REPORT

TO THE SHAREHOLDERS OF MACQUARIE BANK LIMITED
CONTINUED

## Key audil matter

given to particular tax positions in certain jurisdictions. In some cases, the treatment of tax positions requires judgement to estimate the ultimate amounts of tax that will be paid.
Given the extent of judgement involved, we considered this to be a key audit matter.

## Other information

The directors are responsible for the other information. The other information comprises Operating and Financial Review, Directors' Report, Additional Investor Information and Glossary included in the Consolidated Entity's annual report for the year ended 31 March 2017 but does not include the financial report and our auditor's report thereon.
Our opinion on the financial report does not cover the other information and accordingly we do not express any form of assurance conclusion thereon.
In connection with our audit of the financial report, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial report 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.

## How our audit addressed the key audit matter

We used our understanding of the business, assisted by PwC tax experts and perused a risk focused selection of correspondence with tax authorities and external advice obtained by the Consolidated Entity to challenge the completeness and quantum of the provisions for tax. We independently considered the likelihood of additional tax exposures occurring based on our knowledge of tax legislation, applicable precedent and industry developments, noting the level of judgement involved.
We assessed the appropriateness of the Consolidated Entity's disclosure in the financial report.

## Responsibilities of the directors for the financial report

The directors of the Company are responsible for the preparation of the financial report that gives a true and fair view in accordance with Australian Accounting Standards and the Corporations Act 2001 (Cth) and for such internal control as the directors determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.
In preparing the financial report, the directors are responsible for assessing the ability of the Consolidated Entity 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 Consolidated Entity or to cease operations, or have no realistic alternative but to do so.

Income Statements
Statements of comprehensive income
Statements of comprehensive in
Statements of financial position
Statements of financial position
Statements of changes in equity
latements of cash how
Notes to the financial statements
Directors' declaration
Independent auditor's report


## Auditor's responsibilities for the audit of the financial report

Our objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the Australian Auditing Standards 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 the financial report
A further description of our responsibilities for the audit of the financial report is located at the Auditing and Assurance Standards Board website at:
www.auasb.gov.au/auditors_files/ar1.pdf for the Company and at www.auasb.gov.au/auditors_files/ar2.pdf for the Consolidated Entity. This description forms part of our audit report.

## REPORT ON THE REMUNERATION REPORT

## Our opinion on the remuneration report

We have audited the remuneration report included in pages 27 to 45 of the Directors' Report for the year ended 31 March 2017.

In our opinion, the remuneration report of Macquarie Bank Limited for the year ended 31 March 2017 complies with section 300A of the Corporations Act 2001 (Cth).

## Responsibilities

The directors of the Company are responsible for the preparation and presentation of the remuneration report in accordance with section 300A of the Corporations Act 2001 (Cth). Our responsibility is to express an opinion on the remuneration report, based on our audit conducted in accordance with Australian Auditing Standards

## Inewaterhourelogeers

## PricewaterhouseCoopers


K.G. Smith

Partner

Sydney
5 May 2017

Liability limited by a scheme approved under Professional Standards Legislation.

## GLOSSARY

| Defined term | Definition | Defined term | Definition |
| :---: | :---: | :---: | :---: |
| A |  | C |  |
| AASB | Australian Accounting Standards Board | CAF | Corporate and Asset Finance Group |
| the Act | Corporations Act 2001 (Cth) | CAGR | compound annual growth rate |
| ADI AGM | authorised deposit-taking institution | Central Service Groups | the Central Service Groups consist of RMG, LGL, FMG and COG |
| AGM | Annual General Meeting |  |  |
| AICD | Australian Institute of Company Directors | CEO | Managing Director and Chief Executive Officer |
| AMA | Advanced Measurement Approach | CGM | Commodities and Global Markets Group |
| Annual Report | MBL's 2017 Annual Report | CFO | Chief Financial Officer |
| ANZ | Australia and New Zealand | COG | Corporate Operations Group |
| APRA | Australian Prudential Regulation Authority | the Company, MBL | Macquarie Bank Limited ABN $46008583542$ |
| ASIC ASX | Australian Securities \& Investments Commission <br> Australian Securities Exchange | Comparable Key Management Personnel (Comparable KMP) | Executive KMP who were members of the Executive Committee for the full year in both FY2017 and FY2016 |
|  | or ASX Limited ABN 98008 624691 and the market operated by ASX Limited | the Consolidated Entity, Macquarie Bank | MBL and its subsidiaries |
| ATO | Australian Taxation Office | Corporate | head office and central support functions including Group |
| B Treasury |  |  |  |
| BAC | Board Audit Committee | CRO | Chief Risk Officer |
| Bank Group | MBL and its subsidiaries | CVA | credit valuation adjustments |
| Banking Group | the Banking Group comprises BFS, CAF and certain business activities of CGM and MAM | D | Deed of Access, Indemnity, Insurance and Disclosure |
| BBSW | Australian Financial Markets Association's bank-bill rate published daily on AAP | Deed Poll | Indemnity and Insurance Deed Poll dated 12 September 2007 |
|  | Reuters webpage. The Australian equivalent of LIBOR, SIBOR, etc | Directors | the Voting Directors of MBL (unless the context indicates otherwise) |
| BCN | Macquarie Bank Capital Notes | Divisions | named divisions within the |
| BFS | Banking and Financial Services |  | Macquarie Group |
|  | Group | DPS Plan | Deferred Profit Share Plan |
| the Board, Macquarie Bank Board | The Board of Voting Directors of Macquarie Bank Limited | DSU | Deferred Share Unit issued under the MEREP |
| BRC | Board Remuneration Committee | DVA | debit valuation adjustments |
| BRiC | Board Risk Committee |  |  |
| Businesses | the areas within the Operating Groups carrying out various operations |  |  |


| Defined term | Definition | Defined term | Definition |
| :---: | :---: | :---: | :---: |
| E |  | M |  |
| ECAM | Economic Capital Adequacy Model | Macquarie Bank, the Consolidated Entity | MBL and its subsidiaries |
| ECL | expected credit losses | MBL, the Company | Macquarie Bank Limited ABN |
| ECS, Macquarie ECS | Macquarie Exchangeable Capital Securities | Macquarie Board, the Board | the Board of Voting Directors of |
| EMEA | Europe, Middle East and Africa |  | MGL |
| EPS | earnings per share | Macquarie ECS, ECS | Macquarie Exchangeable Capital Securities |
| ESP | Macquarie Group Employee Share Plan | MGL ordinary shares, MQG | MGL fully paid ordinary shares |
| Executive Director |  | Macquarie Group | MGL and its subsidiaries |
| Execulve Drector | employees including Group Heads, Division Heads and senior business unit managers | Malus | The discretion of the Board (from 2012) to reduce or eliminate unvested profit share |
| Executive Key Management | Members of the Executive |  | amounts where it determines that an employee's action or |
| Personnel (Executive KMP) | Committee of MBL |  | inaction has caused the |
| Executive Voting Director | an executive board member |  | Macquarie Group significant reputational harm, caused a significant or unexpected |
| F-H |  |  | financial loss or caused the |
| FIRB | Foundation Internal Ratings Based Approach |  | Macquarie Group to make a material financial restatement |
| FMG | Financial Management Group | MAM | Macquarie Asset Management Group |
| FVA | funding value adjustment | Management | Division Directors and |
| 1-J |  |  | Executive Directors who have management or risk |
| IASB | International Accounting Standards Board |  | responsibility for a Division or business area |
|  |  | MBHPL | Macquarie B.H. Pty Limited |
| ICAAP | Internal Capital Adequacy <br> Standards Board | MCN | Macquarie Group Capital Notes |
| IFRS | International Financial |  |  |
|  | Reporting Standards | MCN2 | Macquarie Group Capital Notes 2 |
| IT | information technology |  |  |
|  |  | MEREP | Macquarie Group Employee Retained Equity Plan |
| K |  |  |  |
| Key Management Personnel (KMP) | all Voting Directors and members of the Executive | MFHPL | Macquarie Financial Holdings Pty Limited |
|  | Committee of MBL | MFHPL Consolidated Entity | MFHPL and its subsidiaries |
| 1 |  | MFL | Macquarie Finance Limited |
| LMI | lender's mortgage insurance | MFL Note | An unsecured debt obligation of MFL, issued to a trustee on |
| LuxSE | Luxembourg Stock Exchange |  | behalf of the holders of the MIS |
| LVRs | loan to value ratios | MGESOP | Macquarie Group Employee Share Option Plan |
|  |  | MGL | Macquarie Group Limited, ABN 94122169279 |

## GLOSSARY

CONTINUED

| Defined term | Definition | Defined term | Definition |
| :---: | :---: | :---: | :---: |
| M |  | R |  |
| MGSA | Macquarie Group Services Australia Pty Limited | RAS | Risk Appetite Statement |
| MGSSAP | Macquarie Group Staff Share Acquisition Plan | RMG ROE | Risk Management Group return on ordinary equity |
| MIM | Macquarie Investment Management | RSU | Restricted Share Unit issued under the MEREP |
| MIPS | Macquarie Income Preferred Securities | S |  |
| MIS | Macquarie Income Securities | Senior Executive | Macquarie Group's combined Division Director and Executive Director population |
| N |  | Senior Management |  |
| NCD | negotiable certificates of deposit | Senior Management | Group's Executive Committee and Executive Directors who |
| NCI | non-controlling interests |  | have a significant management or risk responsibility in the |
| NED | Non-Executive Director |  | organisation |
| Non-Bank Group | MGL, MFHPL and its | SEs | structured entities |
|  | subsidiaries | SFE | Sydney Futures Exchange |
| Non-Banking Group | The Non-Banking Group comprises Macquarie Capital | SGX | Singapore Stock Exchange |
|  | and some business activities of | SPE | Special Purpose Entity |
|  | certain offshore regulated entities of the Non-Banking Group | Statutory Remuneration | statutory remuneration disclosures are prepared in accordance with Australian |
| NPAT | net profit after tax |  | Accounting Standards and as disclosed throughout the Remuneration Report |
| 0 |  | SYD | ASX-listed Sydney Airport |
| OCl | other comprehensive income | SYD Distribution | in-specie distribution of Sydney |
| OECD | Organisation for Economic Cooperation and Development |  | Airport stapled securities to MGL ordinary shareholders on 13 January 2014 |
| Operating Groups | The Operating Groups consist of MAM, CAF, BFS, CGM and Macquarie Capital | SYD Securities | SYD stapled securities |
| OTC | over-the-counter | T-U |  |
|  |  | TSR | total shareholder return |
| P |  |  |  |
| Post-2009 DPS | retained profit share which is deferred to future periods and held as a notional investmnent in Macquarie Group managedfund equity | V |  |
|  |  |  | Value-at-Risk |
|  |  | Voting Directors | the Voting Directors of MBL as defined in the MBL Constitution |
| PSU | Performance Share Unit issued under the MEREP | w-z |  |
| PwC | PricewaterhouseCoopers | WHS | Work Health and Safety |
|  |  | WHSE | work health, safety and environmental |

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Principal Administrative Office
50 Martin Place
Sycmey NSW 2000


[^0]:    (1) Business conduct and ethics are discussed further in the Corporate Governance Summary in the Macquarie Group Annual Report, and in the Corporate Governance Statement on the Macquarie Group website at macquarie com/leadership-corporate-governance

[^1]:    (9) Subject to compliance with local regulatory and legal requirements in Australia, Executive Directors given notice by the Macquarie Group may receive an additional week's notice if they are over 45 years of age and have more than two years' continuous service at the time of the termination of their employment

[^2]:    (9) Other benefits for NEDs include due diligence committee fees paid to Mr Colemen of $\$ A 3,000(2016$ \$A4,500)
    (10)Mr McCann retired from the MGL and MBL Boards effective 31 March 2016
    (11)Mr Wame commenced as Chairman of the MGL and MBL Boards effective 1 April 2016

[^3]:    The above statements of financial position should be read in conjunction with the accompanying notes.

[^4]:    (1) Includes $\$ 240$ miltion gain on sale of Macquarie Life's risk insurance business. Refer Note 42 - Acquistions and disposals of subsidiaries and businesses.
    (2) Prior comparative financial year has been reclassified to conform to current financial year presentation Net operating lease income was previously reported as a component of total other operating income and charges

[^5]:    (1) Other expenses include recharges from Macquarie Group Services Australia Pty Limited (MGSA).

[^6]:    (1) Non-current assets consist of intangible assets, interests in associates and joint ventures accounted for using the equity method, property, plant and equipment and investment property
    (2) Included within this balance is external revenue generated in the United Kingdom of $\$ 1,956$ millon (2016 $\$ 1,796$ million)
    (3) Included within this balance is external revenue generated in the United States of America of $\$ 1,605$ million (2016 $\$ 1,818$ million)

[^7]:    (1) The Default category primarily correlates to the 'past due more than 90 days not impaired' and 'individually impaired' balances disclosed in the following pages

[^8]:    (1) Includes reverse repurchase agreements where the classification is based on the underlying colfateral of the agreement
    (2) This balance excludes other non-financial assets of $\$ 681$ million which are included in Note 9 -Other assets

[^9]:    (1) Includes reverse repurchase agreements where the classification is based on the underlying collateral of the agreement
    (2) This balance excludes other non-financial assets of $\$ 747$ million which are included in Note 9 - Other assets.

[^10]:    1) Includes reverse repurchase agreements where the credit quality classification is based on the underlying collateral of the agreement
    2) This balance excludes other non-financial assets of $\$ 1993$ million and Life Investment Linked contracts and other unitholder assets $\$ 722$ million which are included in Note 9 - Other assets
    (3) Includes residential mortgages $\$ 24,025$ million classified as investment grade where the Consolidated Entity has obtained LMI from an investment grade counterparty
    3) Included in the past due category are balances which were overdue by one day or more
    (5) For the year ended 31 March 2017, various loan assets at amortised cost previously classified as investment grade have been classified as below investment grade Prior year comparatives have been restated to reflect these changes
[^11]:    1) Includes reverse repurchase agreements where the credit quality classification is based on the underlying collateral of the agreement
    2) This balance excludes other non-financial assets of $\$ 1,768$ million and Life fnvestment Linked contracts and other unitholder assets $\$ 850$ million which are included in Note 9 - Other assets
    (3) Includes residential mortgages $\$ 21.909$ multion classified as investment grade where the Consolidated Entity has obtained L.MI from an investment grade counterparty
    3) Included in the past due category are balances which were overdue by one day or more
    (5) For the year ended 31 March 2017, various loan assets at amortised cost previously classified as investment grade have been classified as below investment grade Prior year comparatives have been restated to reflect these changes
[^12]:    1) Includes reverse repurchase agreements where the credit quality classification is based on the underiyng collateral of the agreement
    (2) This balance excludes other non-financial assets of $\$ 681$ million which are included in Note 9 - Other assets
    (3) Includes residential mortgages $\$ 23.216$ millon classified as investment grade where the Company has obtained LMI from an investment grade counterparty
    (4) Included in the past due category are balances which were overdue by one day or more
    (5) For the year ended 31 March 2017 various loan assets at amortised cost previously classified as investment grade have been classified as below investment grade Prior year comparatives have been restated to reflect these changes
[^13]:    1) Includes reverse repurchase agreements where the credit quality classification is based on the underlying collateral of the agreement
    2) This balance excludes other non-financial assets of $\$ 747$ million which are included in Note 9 - Other assets
    3) Includes residential mortgages $\$ 21,909$ million classified as investment grade where the Company has obtaned LM: from an investment grade counterparty
    (4) Included in the past due category are balances which were overdue by one day or more
    (5) For the year ended 31 March 2017, various loan assets at amortised cost prevously classified as investment grade have been classified as below investment grade Prior year comparatives have been restated to reflect these changes
[^14]:    (1) This balance excludes other non-financial assets of $\$ 1,993$ milion (2016 $\$ 1,768$ million) and Life investment linked contracts and other unitholder assets of $\$ 722$ million (2016. $\$ 850$ million) which are included in Note 9 - Other assets
    (2) This balance excludes other non-financial liabilities of $\$ 2.584$ million (2016 $\$ 2,474$ million) and Life investment linked contracts and other unitholder liabilities of $\$ 714$ million (2016 $\$ 771$ million) which are included in Note 21 - Other liabilites.
    (3) This balance excludes other non-financial assets of $\$ 681$ million (2016 $\$ 747$ million) which are included in Note 9 - Other assets
    (4) This balance excludes other non-financial liabilites of $\$ 1,360$ milion (2016 $\$ 1,537$ million) which are included in Note 21 - Other liabilities

[^15]:    (1) The Consolidated Entity employs various economic hedging techniques in order to manage risks, including risks in Level 3 positions. Such techniques may include the purchase or sale of financial instruments that are classified in Levels 1 and/or 2 The realised and unrealised gain and loss for assets and liabilties in Level 3 presented in the table above do not reflect the related realised or unrealised gain and loss arising on economic hedging instruments classified in Levels 1 and/or 2
    (2) The derivative financial instruments in the table above are represented on a net basis On a gross basis. derivative assets are $\$ 233$ million (2016 $\$ 404$ milion) and derivative liabilities are $\$ 119$ million (2016 $\$ 166$ million)

