

ROYAL BANK OF SCOTLAND GROUP PLC  
Form 20-F  
March 24, 2016

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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**FORM 20-F**

(Mark One)

**REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES  
EXCHANGE ACT OF 1934**

**OR**

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF  
1934  
For the fiscal year ended December 31, 2015**

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934**

**OR**

**SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934**

Commission file number: 001-10306

**THE ROYAL BANK OF SCOTLAND GROUP plc**

(Exact name of Registrant as specified in its charter)

**United Kingdom**

(Jurisdiction of incorporation)

**RBS Gogarburn, PO Box 1000, Edinburgh EH12 1HQ, United Kingdom**

(Address of principal executive offices)

**Aileen Taylor, Chief Governance Officer and Board Counsel, Tel: +44 (0) 131 626 4099, Fax: +44 (0) 131 626 3081**

**PO Box 1000, Gogarburn, Edinburgh EH12 1HQ**

(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

**Securities registered or to be registered pursuant to Section 12(b) of the Act:**

<b>Title of each class</b>	<b>Name of each exchange on which registered</b>
American Depositary Shares, each representing 2 ordinary shares, nominal value £1 per share	New York Stock Exchange
Ordinary shares, nominal value £1 per share	New York Stock Exchange*
American Depositary Shares Series F, H, L, R, S, T and U each representing one	New York Stock Exchange
Non-Cumulative Dollar Preference Share, Series F, H, L, R, S, T and U respectively	New York Stock Exchange
Dollar Perpetual Regulatory Tier 1 Securities	New York Stock Exchange
Floating Rate Senior Notes due 2017	New York Stock Exchange
1.875% Senior Notes due 2017	New York Stock Exchange
4.70% Subordinated Notes due 2018	New York Stock Exchange
5.625% Senior Notes due 2020	New York Stock Exchange
6.125% Senior Notes due 2021	New York Stock Exchange
6.125% Subordinated Tier 2 Notes due 2022	New York Stock Exchange
6.000% Subordinated Tier 2 Notes due 2023	New York Stock Exchange
6.100% Subordinated Tier 2 Notes due 2023	New York Stock Exchange
5.125% Subordinated Tier 2 Notes due 2024	New York Stock Exchange
Leveraged CPI Linked Securities due January 13, 2020	NYSE MKT

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\*Not for trading, but only in connection with the registration of American Depositary Shares representing such ordinary shares pursuant to the requirements of the Securities and Exchange Commission.

**Securities registered or to be registered pursuant to Section 12(g) of the Act:**

None

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**Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:**

Perpetual Subordinated Contingent Convertible Additional Tier 1 Capital Notes callable 2020 Irish Stock Exchange

Perpetual Subordinated Contingent Convertible Additional Tier 1 Capital Notes callable 2025 Irish Stock Exchange

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Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of December 31, 2015, the close of the period covered by the annual report:

(Title of each class)	(Number of outstanding shares)
Ordinary shares of £1 each	11,624,563,916
11% cumulative preference shares	500,000
5½% cumulative preference shares	400,000
Non-cumulative dollar preference shares, Series F, H, L and R to U	133,839,880
Non-cumulative convertible dollar preference shares, Series 1	64,772
Non-cumulative euro preference shares, Series 1 to 3	2,044,418
Non-cumulative convertible sterling preference shares, Series 1	14,866
Non-cumulative sterling preference shares, Series 1	54,442

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes      No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

Yes      No

*Note – Checking the box above will not relieve any registrant required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 from their obligations under those Sections.*

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes      No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes      No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of “accelerated filer and large accelerated filer” in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer      Accelerated filer      Non-Accelerated filer

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP

International Financial Reporting Standards as issued by the International Accounting Standards Board

Other

If “Other” has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow.

Item 17      Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes      No



**SEC Form 20-F cross reference guide**

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**Signature**

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## Forward-looking statements

Certain sections in this document contain 'forward-looking statements' as that term is defined in the United States Private Securities Litigation Reform Act of 1995, such as statements that include the words 'expect', 'estimate', 'project', 'anticipate', 'believe', 'should', 'intend', 'plan', 'could', 'probability', 'risk', 'Value-at-Risk (VaR)', 'target', 'goal', 'objective', 'endeavour', 'outlook', 'optimistic', 'prospects' and similar expressions or variations on these expressions.

In particular, this document includes forward-looking statements relating, but not limited to: The Royal Bank of Scotland Group's (RBS) restructuring, which includes the separation and divestment of Williams & Glyn, the proposed restructuring of RBS's CIB business, the implementation of the UK ring-fencing regime, the implementation of a major development program to update RBS's IT infrastructure and the continuation of its balance sheet reduction programme, as well as capital and strategic plans, divestments, capitalisation, portfolios, net interest margin, capital and leverage ratios and requirements liquidity, risk-weighted assets (RWAs), RWA equivalents (RWAE), Pillar 2A, return on equity (ROE), profitability, cost:income ratios, loan:deposit ratios, AT1 and other funding plans, funding and credit risk profile; litigation, government and regulatory investigations RBS's future financial performance; the level and extent of future impairments and write-downs; including with respect to goodwill; future pension contributions and RBS's exposure to political risks, operational risk, conduct risk and credit rating risk and to various types of market risks, such as interest rate risk, foreign exchange rate risk and commodity and equity price risk. These statements are based on current plans, estimates, targets and projections, and are subject to inherent risks, uncertainties and other factors which could cause actual results to differ materially from the future results expressed or implied by such forward-looking statements. For example, certain market risk disclosures are dependent on choices relying on key model characteristics and assumptions and are subject to various limitations. By their nature, certain of the market risk disclosures are only estimates and, as a result, actual future gains and losses could differ materially from those that have been estimated.

Other factors that could adversely affect our results and the accuracy of forward-looking statements in this document include the risk factors and other uncertainties discussed in this document. These include the significant risks for RBS presented by the outcomes of the legal, regulatory and governmental actions and investigations that RBS is subject to (including active civil and criminal investigations) and any resulting material adverse effect on RBS of unfavourable outcomes (including where resolved by settlement); the uncertainty relating to the referendum on the UK's membership of the European Union and the consequences of it; the separation and divestment of Williams & Glyn; RBS's ability to successfully implement the various initiatives that are comprised in its restructuring plan, particularly the proposed restructuring of its CIB business and the balance sheet reduction programme as well as the significant restructuring required to be undertaken by RBS in order to implement the UK ring-fencing regime; the significant changes, complexity and costs relating to the implementation of its restructuring, the separation and divestment of Williams & Glyn and the UK ring-fencing regime; whether RBS will emerge from its restructuring and the UK ring-fencing regime as a viable, competitive, customer focused and profitable bank; RBS's ability to achieve its capital and leverage requirements or targets which will depend on RBS's success in reducing the size of its business and future profitability; ineffective management of capital or changes to regulatory requirements relating to capital adequacy and liquidity or failure to pass mandatory stress tests; the ability to access sufficient sources of capital, liquidity and

funding when required; changes in the credit ratings of RBS or the UK government; declining revenues resulting from lower customer retention and revenue generation in light of RBS's strategic refocus on the UK the impact of global economic and financial market conditions (including low or negative interest rates) as well as increasing competition.

In addition, there are other risks and uncertainties. These include operational risks that are inherent to RBS's business and will increase as a result of RBS's significant restructuring; the potential negative impact on RBS's business of actual or perceived global economic and financial market conditions and other global risks; the impact of unanticipated turbulence in interest rates, yield curves, foreign currency exchange rates, credit spreads, bond prices, commodity prices, equity prices; basis, volatility and correlation risks; heightened regulatory and governmental scrutiny and the increasingly regulated environment in which RBS operates; the risk of failure to realise the benefit of RBS's substantial investments in its information technology and systems, the risk of failing to prevent a failure of RBS's IT systems or to protect itself and its customers against cyber threats, reputational risks; risks relating to the failure to embed and maintain a robust conduct and risk culture across the organisation or if its risk management framework is ineffective; risks relating to increased pension liabilities and the impact of pension risk on RBS's capital position; increased competitive pressures resulting from new incumbents and disruptive technologies; RBS's ability to attract and retain qualified personnel; HM Treasury exercising influence over the operations of RBS; limitations on, or additional requirements imposed on, RBS's activities as a result of HM Treasury's investment in RBS; the extent of future write-downs and impairment charges caused by depressed asset valuations; deteriorations in borrower and counterparty credit quality; the value and effectiveness of any credit protection purchased by RBS; risks relating to the reliance on valuation, capital and stress test models and any inaccuracies resulting therefrom or failure to accurately reflect changes in the micro and macroeconomic environment in which RBS operates, risks relating to changes in applicable accounting policies or rules which may impact the preparation of RBS's financial statements; the impact of the recovery and resolution framework and other prudential rules to which RBS is subject the recoverability of deferred tax assets by the Group; and the success of RBS in managing the risks involved in the foregoing.

The forward-looking statements contained in this document speak only as at the date hereof, and RBS does not assume or undertake any obligation or responsibility to update any forward-looking statement to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

The information, statements and opinions contained in this document do not constitute a public offer under any applicable legislation or an offer to sell or solicit of any offer to buy any securities or financial instruments or any advice or recommendation with respect to such securities or other financial instrument.

Presentation of information

### **Presentation of information**

In this document, and unless specified otherwise, the term ‘company’ or ‘RBSG’ means The Royal Bank of Scotland Group plc, ‘RBS’, ‘RBS Group’ or the ‘Group’ means the company and its subsidiaries, ‘the Royal Bank’ or ‘RBS plc’ means The Royal Bank of Scotland plc and ‘NatWest’ means National Westminster Bank Plc.

The company publishes its financial statements in pounds sterling (‘£’ or ‘sterling’). The abbreviations ‘£m’ and ‘£bn’ represent millions and thousands of millions of pounds sterling, respectively, and references to ‘pence’ represent pence in the United Kingdom (‘UK’). Reference to ‘dollars’ or ‘\$’ are to United States of America (‘US’) dollars. The abbreviations ‘\$m’ and ‘\$bn’ represent millions and thousands of millions of dollars, respectively, and references to ‘cents’ represent cents in the US. The abbreviation ‘€’ represents the ‘euro’, and the abbreviations ‘€m’ and ‘€bn’ represent millions and thousands of millions of euros, respectively.

### **Non-GAAP financial information**

The directors manage RBS’s performance by class of business, showing certain items in separate lines, as is presented in the business review on pages 103 to 136 (the “non-statutory basis”).

The following items, which were previously reported separately after operating profit, are now reported within operating profit: Own credit adjustments; Gain/(loss) on redemption of own debt; Write-down of goodwill and Strategic disposals. RFS Holdings minority interest (RFS MI) was restated for periods up to and including 2014 only.

The non-statutory results continue to show: Own credit adjustments; Gain/(loss) on redemption of own debt; Write-down of goodwill; Strategic disposals; Restructuring costs; and Litigation and conduct costs as separate line items.

Discussion of RBS’s performance in this report presents RBS’s results on a non-statutory basis as management believes that such measures allow a more meaningful analysis of RBS’s financial condition and the results of its operations. These measures are non-GAAP financial measures. A body of generally accepted accounting principles such as IFRS is commonly referred to as ‘GAAP’. A non-GAAP financial measure is defined as one that measures historical or future financial performance, financial position or cash flows but which excludes or includes amounts that would not be so adjusted in the most comparable GAAP measure. Reconciliations of these non-GAAP measures to the closest equivalent GAAP measure are presented throughout this document and in the segment performance on pages 110 to

136. These non-GAAP financial measures are not a substitute for GAAP measures.

The presentation of operating profit, operating expenses, total income and other performance measures excluding the impact of: Own credit adjustments; Gain/(loss) on redemption of own debt; Write-down of goodwill; Strategic disposals; Restructuring costs; and Litigation and conduct costs are a non-GAAP financial measures and are not a substitute for the equivalent GAAP measure.

The presentation of Personal & Business Banking (PBB) combines the reportable segments of UK Personal & Business Banking and Ulster Bank RoI and is a non-GAAP financial measure. The presentation of Commercial and Private Banking (CPB) combines the reportable segments of Commercial Banking, Private Banking and RBS International (RBSI) and is also a non-GAAP financial measure.

The presentation of the cost savings against 2015 target as shown in the Strategic Report on pages 7, 17 and 20 which excludes litigation and conduct costs, restructuring costs, write down of goodwill and other intangible assets and other operating costs of William's & Glyn is a non-GAAP financial measure.

Lastly, the liquidity coverage ratio, stressed outflow coverage, net stable funding ratio, RWAs and further metrics included in the Business review and Capital and risk management section represent non-GAAP financial measures and are being presented for informational purposes given they are metrics that are not yet required to be disclosed by a government, governmental authority or self-regulatory organisation.

## Recent Developments

### Dividend Access Share

On 22 March 2016, the Royal Bank of Scotland Group plc paid the final dividend of £1.193 billion in respect of the Dividend Access Share to Her Majesty's Treasury ("HMT"). The dividend represents the final amount payable to HMT and effects the immediate retirement of the DAS.

This dividend payment will be reflected in our first quarter 2016 financial statements, reducing Tangible Net Asset Value per share by approximately 10 pence. The equivalent Common Equity Tier 1 impact as at FY 2015 would have been c.50bps.

On retirement, the DAS was re-designated as a single B share which will be subsequently cancelled. Following the conversion in 2015 of the B shares held by HMT into Ordinary Shares, the retirement of the DAS will complete the normalisation of RBS's capital structure.

### Accelerated payments to the pension fund

Subsequently and pursuant to the Memorandum of Understanding, the bank agreed with the Trustee a Statement of Funding Principles in relation to an actuarial valuation as at 31 December 2015. The bank and Trustee also updated the existing Schedule of Contributions and Recovery Plan to reflect the £4.2 billion contribution, which was paid during March 2016.

### Foreign exchange related investigations

As previously disclosed, on 21 July 2014, the Serious Fraud Office in the UK (SFO) announced that it was launching a criminal investigation into allegations of fraudulent conduct in the foreign exchange market, apparently involving multiple financial institutions. On 15 March 2016, the SFO announced that it was closing its investigation, having concluded that, based on the information and material obtained, there was insufficient evidence for a realistic prospect of conviction.

2015 performance

Loss attributable to ordinary shareholders	(£1,979m)	Operating profit on a non-statutory basis(1)	£4,405m
Operating loss before tax	(£2,703m)	Common Equity Tier 1 ratio (2)	15.5%
Risk-weighted assets (RWAs)	£243bn	Loan:deposit ratio (3)	89%
Short-term wholesale funding (4)	£17bn	Liquidity portfolio	£156bn
Leverage ratio (5)	5.6%	Return on tangible equity (6)	(4.7%)
Cost:income ratio	127%	Net interest margin	2.12%
Cost:income ratio – on a non-statutory basis (1)	72%		

Income excludes gains on own credit adjustments of £309 million, loss on redemption of own debt £263 million (1) and loss on strategic disposals of £157 million, and expenses excludes restructuring costs of £2,931 million, litigation and conduct costs of £3,568 million and write-down of goodwill of £498 million

(2) End-point CRR basis.

(3) Includes disposal groups.

(4) Excludes repurchase agreements and stock lending and derivative collateral.

(5) Based on end-point CRR Tier 1 capital and leverage exposure based on CRR Delegated Act.

(6) Tangible equity is equity attributable to ordinary shareholders less intangible assets.

**The Royal Bank of Scotland Group (RBS) continues to deliver on its plan to build a strong simple and fair bank for both customers and shareholders. RBS delivered against its 2015 targets.**

RBS reported a loss attributable to ordinary shareholders of £1,979 million, compared with a loss of £3,470 million in 2014. This included elevated restructuring costs (£2,931 million), as the bank's repositioning accelerated, particularly in the Corporate & Institutional Banking (CIB) business. Litigation and conduct costs (£3,568 million) increased as further steps were taken to clear legacy obstacles from RBS's path to normalisation.

RBS continues to strengthen and reshape the balance sheet, building on a strong track record of delivery. Risk-weighted assets (RWAs) reduced 32%, or £113 billion, including £109 billion from the disposal of Citizens Financial Group and the accelerated run-down of Capital Resolution.



RBS intends to pay a final dividend on the Dividend Access Share (DAS) during the first half of 2016 subject to final Board and PRA approval, further normalising the capital structure of the bank and removing a constraint on the resumption of capital distributions.

2015 results included a charge for goodwill impairment of £498 million attributed to Private Banking; a loss on redemption of own debt of £263 million; and a gain of £1,147 million on loss of control of Citizens largely arising from the reclassification of foreign exchange reserves (£962 million).

Operating loss was £2,703 million compared with an operating profit of £2,643 million in 2014, primarily due to increased restructuring costs of £2,931 million (2014 - £1,154 million) and litigation and conduct costs of £3,568 million (2014 - £2,194 million). Operating profit excluding these restructuring costs and litigation and conduct costs, together with write down of goodwill charges of £498 million (2014 - £130 million) totalled £4,405 million compared with an operating profit of £6,056 million in 2014, lower primarily due to income attrition and disposal losses in the Capital Resolution business.

UK PBB recorded an operating profit of £1,030 million in 2015, a reduction of 9% or £103 million from 2014. This was primarily driven by lower non-interest income combined with increased restructuring costs and litigation and conduct costs. This was partially offset by a small net impairment release compared with a prior year charge. Operating profit excluding litigation and conduct costs (2015 - £972 million; 2014 - £918 million) and restructuring costs (2015 - £167 million; 2014 - £111 million) was £2,169 million, broadly stable compared with the prior year. There was a good performance in mortgages with net new lending totaling £9.3 billion, RBS's strongest performance since 2009, albeit at lower overall margins as customers shift from standard variable rate to fixed rate products. Operating expenses were £4,177 million, remaining broadly stable against 2014. Operating expense excluding litigation and conduct costs of £972 million (2014 - £918 million) and restructuring costs of £167 million (2014 - £111 million) were 3% lower, while credit quality remained good, with modest net impairment releases.

Commercial Banking recorded an operating profit of £1,264 million, compared with £1,256 million in 2014. Deposit and lending volumes (net new lending of £3.6 billion excluding business transfers, run-off and disposals), contributed to a 1% rise in net interest income. Operating profit excluding litigation and conduct costs of £51 million (2014 - £112 million) and restructuring costs of £69 million (2014 - £108 million) was down 6% at £1,384 million, driven by a marginal fall in income reflecting margin pressure and included a Q4 2015 loss

2015 performance

of £34 million on the sale of non-strategic asset portfolios.

Ulster Bank RoI recorded an operating profit of £262 million compared with an operating profit of £489 million in 2014; the decline was primarily due to considerably lower net impairment releases in 2015. Operating profit excluding litigation and conduct costs (2015 - £13 million credit; 2014 - £19 million credit) and restructuring costs (2015 - £15 million; 2014 - £13 million) declined 45% to £264 million as net impairment releases, though still substantial, were lower than in 2014. Private Banking operating loss was £470 million compared with a profit of £99 million in 2014, while RBS International (RBSI) recorded an operating profit of £207 million, down 13%.

CIB reported an operating loss of £837 million in 2015, compared with an operating loss of £710 million in 2014, driven by lower income in line with the business's reduced scale and risk appetite. Operating loss excluding £120 million relating to own credit adjustments (2014 - £9 million charge), restructuring costs of £524 million (2014 - £102 million) and litigation and conduct costs of £378 million (2014 - £832 million) was £55 million, compared with a profit of £233 million in 2014. Operating expenses were down 11% as CIB continues to move towards a more sustainable cost base.

Capital Resolution made an operating loss of £3,687 million, compared with a profit of £602 million in 2014. Operating loss excluding £175 million relating to own credit adjustments (2014 - £36 million charge), a loss on strategic disposals of £38 million, restructuring costs of £1,307 million (2014 - £185 million), together with litigation and conduct costs of £2,105 million (2014 - £162 million) and write-down of goodwill in 2014 of £130 million, was £412 million in 2015, compared with a profit of £1,115 million in 2014, reflecting increased disposal losses of £367 million, as it accelerated the run-down of its portfolios, reducing RWAs by almost half to £49.0 billion.

Common Equity Tier 1 (CET1) ratio improved 430 basis points to 15.5% in 2015, as RWAs declined by £113 billion, partially offset by the attributable loss and the accelerated recognition of previously committed contributions in relation to the The Royal Bank of Scotland Group Pension Fund following a change in accounting policy.

Delivering against our 2015 targets

### Delivery against our 2015 targets

In 2015, RBS set out targets across its five strategic priorities, and continued its track record of delivery.

<b>Strategy Goal</b>	<b>2015 targets</b>	<b>2015</b>
	Reduce risk-weighted assets (RWAs) to <£300 billion	£243 billion, a reduction of £113 billion.  Funded assets down 88% since initial pool of assets identified. Residual £4.6 billion of assets within Capital Resolution.
<b>Strength &amp; sustainability</b>	RCR exit substantially completed	
	Citizens deconsolidation	Sold full stake a year ahead of schedule, allowing full deconsolidation. Successfully issued US\$3.15 billion
	£2 billion AT1 issuance	AT1 capital notes (£2 billion equivalent).
<b>Customer experience</b>	Improve NPS in every UK franchise	Year-on-year significant improvement in NatWest Business Banking, RBS Business Banking and Ulster Bank Personal Banking (NI).
<b>Simplifying the bank</b>	Reduce costs by £800 million, target exceeded and increased to >£900 million	Achieved £983 (1) million of cost savings.
<b>Supporting growth</b>	Lending growth in strategic segments ≥ nominal UK GDP growth	4.8% growth achieved in UK PBB and Commercial Banking in 2015, exceeding nominal UK GDP growth (2).
<b>Employee engagement</b>	Raise employee engagement index to within 8% of Global Financial Services (GFS) norm	Surpassed employee engagement goal, up six points to within three points of GFS.

Notes:

(1) Excluding litigation and conduct costs (2015 - £3,568; 2014 - £2,194 million), restructuring costs (2015 - £2,931 million; 2014 - £1,154 million), write down of goodwill and other intangible assets (2015 - £573 million; 2014 - £276 million) and other operating costs of Williams & Glyn (2015 - £261 million; £232 million).

(2) Preliminary estimate for nominal UK GDP growth in 2015 is 2.6% year-on-year.

## Balance sheet progress

RBS continued to improve its capital strength, with the CET1 ratio increasing to 15.5% at 31 December 2015, up 430 basis points from 11.2% at 31 December 2014 and up 690 basis points from 8.6% at 31 December 2013. CET1 ratio benefited from the disposal of Citizens and Capital Resolution's performance in running off and disposing of capital intensive assets, partly offset by the attributable loss and the pension accounting policy change.

The leverage ratio rose to 5.6% at 31 December 2015, an improvement of 140 basis points from 4.2% at 31 December 2014 and 220 basis points from 3.4% at 31 December 2013, assisted by the successful issuance of Additional Tier 1 (AT1) capital notes in August 2015 and a substantial reduction in leverage exposure to £702 billion, down £237 billion from 31 December 2014 and £380 billion from 31 December 2013. Planned 2016 issuance of £2 billion AT1 capital notes, subject to market conditions, will provide further balance sheet resilience. In addition, issuance of £3-5 billion of senior debt, eligible to meet RBS's Minimum Requirement for Own Funds and Eligible Liabilities (MREL), is targeted from the RBS Group plc holding company, again subject to market conditions.

Progress was made in de-risking the balance sheet as the bank continued the run-down or sale of certain businesses and higher risk or capital intensive assets. RWAs decreased from £356 billion at 31 December 2014 to £243 billion at 31 December 2015.

## In 2015 RBS:

Completed the exit from Citizens a year ahead of schedule, reducing RWAs by £63 billion in the process and underlining our commitment to a UK market focus.

Delivered strong progress in the first year of CIB Capital Resolution, reducing RWAs by £32.6 billion to 40.5 billion, exceeding its target RWA reduction of £25 billion. The business substantially exited the North American and Asia-Pacific (APAC) portfolios, and a partnership for our international customers was agreed with BNP Paribas as an alternative to the Global Transaction Services business. Agreed the sale of our Russian subsidiary which is due to complete in Q2 2016.

## Delivering against our 2015 targets

Achieved the run-down target of RCR a year ahead of schedule, reducing funded assets by 88% since the original pool of assets was identified, exceeding the targeted 85%, to £4.6 billion at 31 December 2015.

Completed the first tranche of the international private banking business sale, with the final tranche due to complete in the first half of 2016.

Improved the quality of its core loan books, primarily through the sale of commercial real estate and infrastructure portfolios in Commercial Banking and a buy-to-let portfolio in Ulster Bank RoI.

Continued to progress the Williams & Glyn (W&G) divestment, submitting a banking license application to UK regulatory authorities in September 2015 and work continues on separation (although this will not now be achieved until after the previously announced Q1 2017). The Group remains committed to full divestment by the end of 2017.

Credit quality remained strong, with risk elements in lending (REIL) decreasing to £12.2 billion (3.9% of gross customer loans) at 31 December 2015, from £28.2 billion (6.8%) at 31 December 2014 and £39.4 billion (9.4%) at 31 December 2013. This reduction was primarily driven by disposals in Capital Resolution coupled with the recovering Irish economy.

In line with the progress to de-risk the balance sheet, committed exposures to the natural resources sectors have more than halved, with oil and gas in particular substantially reducing by 70% during 2015 to £6.6 billion. The majority of our emerging market exposures have declined following action on non-strategic activities, reducing by 75% our exposure to China and Russia. Reductions primarily reflected corporate loan portfolio disposal activity and the strategic direction of CIB.

Our funding and liquidity position remains strong, aided by the accelerated reduction of the Capital Resolution balance sheet. The liquidity coverage ratio was 136%, compared with 112% at 31 December 2014, whilst the net stable funding ratio was 121% compared with 112% at 31 December 2014, both well above regulatory minima at the end of 2015.

The 2015 Bank of England stress test results concluded that RBS did not need to alter its capital plan, as sufficient steps had already been taken by RBS to strengthen its capital position.

Delivering for our customers

### **Delivering for our customers**

Product proposition enhanced:

Investing in building deeper customer engagement through the launch of a new current account, 'Reward', which enables customers to receive 3% cashback on household bills for a monthly account fee of £3.

Launched an innovative new home insurance product offering customers a fixed premium for three years, which we believe is a positive departure from industry practice.

Committed to fair banking through making overdrafts more accessible to one million customers who are now eligible for overdrafts of £100 and £250.

One of the first UK banks to offer the Government-led Help to Buy: ISA as we continue to help first time buyers.

Continue to lead on collaboration and innovation:

Launched Royal National Institute of Blind People (RNIB) approved cards, becoming the first bank to achieve RNIB accreditation.

Became the first UK bank to enable customers to use only their fingerprint to log into their phone banking app via Touch ID.

Real time registration of our mobile banking app enabling customers to log in as they open their current account.

One of the first UK banks to launch Apple Pay and subsequently created an Apple Watch app.

Supporting UK entrepreneurs and businesses:

Opened four Entrepreneur Hubs across the UK, increasing our involvement to seven, enabling entrepreneurs and small businesses to access free office space, mentoring and financial support, with a further five hubs to be opened in 2016.

The Commercial Bank has issued 12,500 statements of appetite letters to our customers, offering up to £8 billion of new borrowing facilities.

Investing in our operational capabilities:

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Enhanced our mortgage operations, including an online mortgage tracker application to improve customer experience, whilst increasing mortgage advisors by 21% from 803 to 974.

Employed a new automated account-opening system to improve our onboarding process, accelerating end-to-end account opening times by 50% for business customers and 30% for commercial customers.

Launched a new customer relationship management tool, enabling a single view of the customer.

Planned £3.5 billion IT investment spend committed from 2015 to 2017 to improve core infrastructure and resilience whilst addressing innovation capabilities.

Core technology platforms continued to be simplified with 370 applications and over 6,000 servers decommissioned.

Upgrading our points of presence:

Upgraded 322 branches and replaced 922 ATMs as the bank enhances customers' experience.

Customers in Ireland are benefiting from a joint venture with 'An Post', accessing 1,140 new points of presence.

Continued to evolve the NatWest mobile app through Touch ID and the ability to apply for loans and savings products whilst enhancing the PAYM feature and ability to use Apple Pay. Active mobile users have increased 27% to 3.7 million in 2015.

Broke with tradition to open 34 of the busiest branches in the UK during bank holidays.

Launched an 'online diary' where customers can book an appointment with an advisor from the comfort of their own home.

Investing in our people:

Delivered leadership training to over 13,000 leaders through a comprehensive 'Determined to Lead' training programme.

Around 5,500 front line staff completed certified banking skills programmes, with a further c.11,000 enrolled.

Announced a target of having 30% female leaders in every business unit by 2020 and a further goal of a 50/50 split by 2030 across all levels of the business.

Became the first bank to achieve Investing in Young People Accreditation.

### **Government shareholding**

On 4 August 2015, HM Treasury (HMT) sold 630 million RBS ordinary shares, its first sale since its initial investment in 2008.

On 8 October 2015, HMT converted the 51 billion B shares it held into 5.1 billion ordinary shares, further normalising the ownership structure of RBS. These new ordinary shares were admitted to the London Stock Exchange on 14 October 2015. HMT's economic interest was 72.6% at 31 December 2015.

Our current plan assumes that we will pay the final Dividend Access Share (DAS) dividend of £1,180 million, plus interest, during the first half of 2016, subject to final Board and PRA approval. This thereby effects the conversion of the DAS into a single ordinary share. This will further normalise the capital structure of the bank and remove a constraint on the resumption of capital distributions. The retirement of the DAS demonstrates the strategic progress of the bank and follows an initial payment of £320 million in 2014. The pro forma impact, at 31 December 2015, is approximately 50 basis points to the CET1 ratio.



## 2016 Targets

### **Pension Fund**

On 27 January 2016, the bank announced a change to its pensions accounting policy; in particular, the policy for determining whether or not it has an unconditional right to a refund of surpluses in its employee pension funds. As a result of this accounting change, a minimum funding requirement of £3.3 billion in respect of the Main scheme was recorded as a liability at 31 December 2015 representing the present value of deficit reduction contributions for 2016 to 2023 (£3.7 billion) less an asset ceiling of £400 million. The net post tax impact of the policy change, together with updated IAS 19 year-end scheme valuations, is approximately £1.6 billion or approximately 70 basis points on the CET1 ratio.

Separately, RBS has signed a memorandum of understanding with the RBS Group Pension Fund trustee to make a payment of £4.2 billion into the scheme. The pro-forma 2016 impact at point of payment is a further £400 million and approximately 30 basis points on the CET1 ratio.

The accelerated payment improves capital planning and resilience, bringing forward the valuation date not later than 31 December 2015. The next valuation date will take place between 31 October 2018 and 31 December 2018, with any future funding arrangements needed to be agreed with the Trustee no later than Q1 2020. This provides increased certainty on contribution commitments and the pension balance sheet position. Subject to PRA approval, the bank expects the adverse core capital impact to be partially offset by a reduction in RBS's core capital requirements. Any such potential core capital offsets are likely to occur at the earliest 1 January 2017 and will depend on the PRA's assessment of RBS's core capital position at that time.

### **Current trading**

PBB (consisting of the reportable segments UK PBB and Ulster Bank RoI) and CPB (consisting of the reportable segments Commercial Banking, Private Banking and RBSI), have traded in line with expectations in the first six weeks of 2016. CIB has had a difficult start to the year, given overall market conditions.

The net impact of lower long term yields and year to date sterling weakness have contributed to earnings volatility, reflected in certain line items such as IFRS volatility, own credit adjustments and foreign exchange gains/losses.

## 2016 Targets

### **Outlook**

In our core PBB (consisting of the reportable segments UK PBB and Ulster Bank RoI) and CPB (consisting of the reportable segments of Commercial Banking, Private Banking and RBSI), we expect income to stabilise in 2016 as headwinds from low interest rates and the uncertain macroeconomic environment are balanced by strong planned volume growth, particularly in mortgages but also in core commercial lending. CIB may see some modest further income erosion. Cost savings of £800 million are planned in 2016 (in addition to the £2 billion achieved in 2014 and 2015). Our expectation is for cost reduction to exceed any income erosion across our combined core businesses.

Legacy credit portfolios have now been substantially disposed of, so we do not expect the considerable recoveries seen in 2014 and 2015 to be repeated and some portfolios may see net impairment charges. However, impairments on core portfolios are expected to remain low in 2016, with a modest overall net impairment charge for the year, though we recognise that the risk of larger single name events has increased, given the uncertain macroeconomic environment.

Previous guidance has indicated restructuring costs of approximately £5 billion and disposal losses of approximately £1.5 billion in the period 2015-19. Consistent with this, restructuring costs are expected to remain high in 2016, totalling over £1 billion. Most of the remaining signalled disposal losses are expected to be incurred in 2016 (2015 - £367 million). Capital Resolution is expected to reduce RWAs to around £30 billion by the end of 2016, ahead of our original plan, despite a more difficult economic environment for disposals, given the momentum we created in 2015, and continued substantial run-off activity.

We continue to deal with a range of uncertainties in the external environment, including those caused by the referendum on the UK's continuing membership of the European Union. We will also have to manage conduct-related investigations and litigation, including US RMBS, throughout 2016, and substantial incremental provisions may be recognised during the year.

Work continues on the separation of Williams & Glyn, but this will now not be achieved until after Q1 2017. The Group remains committed to full divestment by the end of 2017, although it continues to face significant challenges and risks in separating the Williams & Glyn business, some of which may only emerge as various separation process phases are progressed. The Williams & Glyn separation process is a high priority for the Group and involves the diversion of Group resources away from other key areas. The associated risks are discussed in more detail in the Risk Factors on pages 384 to 409.

RBS plans to return excess capital to shareholders through dividends or buybacks, subject to Board and PRA approval at the time. Key milestones before seeking such approval for capital distributions would include, among other considerations: passing the 2016 Bank of England stress test (including our Individual Capital Guidance hurdle); operating within our capital risk appetite; passing the peak of litigation and conduct costs including US RMBS; confidence in sustainable profitability; and an assured exit of Williams & Glyn. Given the challenges in separating Williams & Glyn and the potentially elongated period to resolve US RMBS- related litigation claims and regulatory investigations, we now consider it more likely that capital distributions will resume later than Q1 2017.

Our progress in 2015

### **Our progress in 2015**

We have a clear ambition to become No.1 for customer service, trust and advocacy. In 2015, our focus has been on Cost, Capital, Restructuring and Resilience. We have also begun the process of making RBS a simpler place to work and an easier bank to do business with.

#### Reward Account 3%

New banking proposition launched: 'Reward' offering customers 3% cashback on their household bills.

#### Fair Banking

Launched an innovative new home product offering customers a fixed premium for three years, which we believe is a positive departure from industry practice.

#### Account opening efficiency

New automated account opening process has increased our onboarding process efficiency, with end-to-end account opening times falling by 50% for business customers and 30% for Commercial customers.

#### Simple IT

Core technology platforms continued to be simplified with 370 applications and over 6,000 servers decommissioned.

#### Financial inclusion

Launched the fee-free Foundation account to better support unbanked individuals in the UK.

#### Innovation

First UK bank to enable customers to login to their mobile banking app using only their fingerprint.

Determined to make a difference

Comprehensive campaign started in October 2015 placing emphasis on personal determination and accountability. 13,000 leaders went through our Determined to Lead training programme to ensure a consistent approach to decision making.

Real time registration

This enables customers to have access to mobile banking as they open their current account. Active mobile users have increased 27% to 3.7 million.

Branches refurbished

Branch Transformation programme – 322 branches refurbished, 922 ATMs replaced.

Independent Lending Review (ILR)

Progress is available on [rbs.com](http://rbs.com)

Supporting employment

Increased the number of apprentices from 50 to over 300.

Online diary

Launched an 'online diary' where customers can book an appointment with an advisor from the comfort of their own home.

Entrepreneurial Hubs

In partnership with Entrepreneurial Spark, RBS has opened four Entrepreneurial Hubs across the UK, increasing our involvement to seven, enabling entrepreneurs and small businesses to access free office space, mentoring and financial support, with a further five hubs to be opened in 2016.

Accessible banking

First banking product to be awarded 'RNIB approved' as RBS launched new cards specifically designed for blind and partially sighted customers.

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## Chairman's statement

“The Board's strategy for this bank is straightforward: a simpler bank focused on doing fewer things, and doing them well, built around a low risk UK and Irish retail and commercial bank.”

“Our brand franchises are strong and distinctive and there is much to build on as we refocus RBS on its core markets in the British Isles.”

I took over as Chairman in September 2015, so much of the business transacted by the Board during the year predated my arrival.

For most of the year the Board was chaired by my predecessor, Philip Hampton; it is right, therefore, to begin by thanking him for his service to the company since 2009.

Philip would be the first to acknowledge that the period was not an easy one for the bank or its shareholders. The recovery from the financial crisis has taken longer than foreseen and there is still much work to be done. However, Philip led the Board with calm authority through many challenging episodes and earned the respect and gratitude of his colleagues and successive teams of executives. We all wish him well in his new role as chair of the GSK Board.

## Strategy

The Board's strategy for this bank is straightforward: a simpler bank focused on doing fewer things, and doing them well, built around a low risk UK and Irish retail and commercial bank; a stronger bank with a long term target of at least 13% CET1 ratio; and a fair bank that meets customers' needs, with a target to be seen as the best UK bank for customer service, trust and advocacy by 2020.

I am therefore pleased to note the progress that management have made in delivering that strategy across all our businesses including the accelerated downsizing of the investment bank announced in February 2015. This reshaping exercise remains one of the foremost priorities for the Board, and while the disposal process is ahead of plan we continue to pay close attention to it. There are as many risks involved in exiting businesses as there are in entering

them.

As part of the reshaping, RBS Capital Resolution (RCR) was established in 2013 to separate and wind down capital intensive assets. Rapid progress has continued during 2015, and the target of removing 85% of these assets from the balance sheet by the end of 2016 was achieved a year earlier than planned. The RCR Oversight Committee met for its final meeting in January 2016 to finalise the transfer of remaining assets and the closure of RCR.

Any company must have mixed feelings about a reduction of its activities on this scale but I note that a number of other banking groups, especially in Europe, have now reached similar conclusions about the need to cut back their investment banking activities faced with ever-increasing capital and leverage requirements and a challenging competitive environment.

I am pleased to report that one exit was successfully achieved during the year. The Board decided in 2013 that Citizens Financial Group (CFG) was not an integral part of the bank in the longer term and resolved to float it through an IPO, and eventually to sell all the equity. The sale was achieved in stages, with the final tranche sold at the end of October 2015. The outcome was a good one for the bank's shareholders and we wish the Board of CFG success as they embark on life as a wholly independent entity.

There is one other major divestment programme under way on which important progress was made during the year. As a condition of the state aid made available to RBS in 2008 the European Commission required the bank to divest over 300 branches in the UK as a standalone banking entity to be known as Williams & Glyn.

The necessary application for a new banking licence was made in September 2015, a major step on the route to separation. While our planned separation will not now be achieved until after the previously announced Q1 2017, we remain committed to full divestment by the end of 2017. The Board exercises close oversight of this programme, which is uniquely challenging, especially from an IT perspective.



## Chairman's statement

The strategy for the remainder of the bank, including The Royal Bank of Scotland, NatWest, Coutts, Ulster Bank in Ireland, RBS International in Jersey and other linked entities, remained essentially unchanged through the year. The responsible executives make regular presentations to the Board on progress against their objectives, and a strategy offsite was held in June 2015, at which progress was reviewed in greater detail. While the strategic direction for the core businesses is clear, the bank continues to execute a major transformation programme, designed to reduce costs and enhance IT capability. That is an essential element of strategic delivery.

### **Conduct, regulation, and litigation**

Over the past seven years the global regulatory and supervisory environment for banks has changed beyond all recognition, a necessary reaction to the parlous state in which many in the industry, notably RBS, had found themselves in 2008.

Banks have responded to the changes, and capital levels and other loss absorbency tools have been transformed. The Board has provided detailed oversight of the bank's capital management capacity, which involved reviewing the outputs of stress tests, recovery and resolution plans, and defining the bank's continuing risk appetite. We are firmly committed to being a strongly capitalised entity, meeting the requirements imposed on us by our many regulators.

I would observe, however, that a period of stability and reflection on the new rules, alongside some assessment of their overall impact, will be welcome. That would also allow banks more opportunity to look at how we finance the rest of the economy and hence support growth.

As is the case for other major banks domiciled in the UK, our future operations will be materially affected by the requirement to ring-fence the retail and commercial banking activities, following the legislation to implement the recommendations of the Independent Commission on Banking. The restructuring will have an important impact on the way we serve our customers, so the Board has devoted considerable time to the oversight of the plans developed to erect the ring fence, which must be in place by the end of 2018.

Another key element of the Board's role relates to the significant conduct issues which the bank has experienced, and continues to face. These costs have materially delayed our return to profitability. So a very high priority for the Board is to resolve legacy issues and oversee the implementation of strengthened control frameworks to guard against future misconduct.

Specifically, in May 2015 the Board authorised the bank's settlements with the Department of Justice and the Federal Reserve in relation to investigations into its foreign exchange business. We regret the conduct which led to those settlements. Appropriate remediation policies have since been put in place.

Throughout the year the Board has received regular reports on other litigation, and a number of settlements have been reached on terms which the Board regarded as acceptable. Particular attention has been paid to the claims and investigations related to the origination and trading of US mortgage-backed securities, dating back to 2007, raised by the Department of Justice, the Federal Housing Finance Agency, the National Credit Union Administration, and several state Attorneys General. Although we have put aside substantial provisions for mortgage-backed securities litigation claims we have not provided for the Department of Justice and state Attorneys General investigations. It is not possible at this point to forecast when these claims and investigations will be resolved or at what ultimate cost but further substantial provisions may be required.

The Board has also overseen the response to the action raised by the 2008 rights issue Shareholders Action Groups. That case is unlikely to come to court before the end of 2016.

In 2015 a Board oversight committee was established in relation to the Financial Conduct Authority review of the treatment of SME customers referred to the bank's Global Restructuring Group. As I write, that review is still under way.

## **The Future**

Shareholders, including of course the UK government through UK Financial Investments, are well aware that it is now seven years since RBS posted a profit or paid a dividend. It would be good to be able to promise both in the near future, but while potentially large US settlements remain outstanding it would be imprudent to do so.

What I can say is that the future shape of the bank is now far clearer than it was a year ago. We are well on the way to exiting the non-core elements of the business, and the divestments are proceeding well. We can also see signs of progress in the core business, especially in the mortgage market, though all retail and commercial banks find a very low interest rate environment one in which margins and profits are under pressure.

The bank's ambition to be number one in our chosen markets for customer service, trust and advocacy is stretching, but it focuses the attention of all our staff on the right things, and there are promising signs that staff morale is responding positively to the challenge. Our brand franchises are strong and distinctive and there is much to build on as we refocus RBS on its core markets in the British Isles. At the same time, we need to reduce our cost base, and embed a new risk culture which will guard against a recurrence of the failings and bad behavior which have held us back in the past.



## Chairman's statement

The Board is firmly behind the strategy, and believes that we have the right management in place to deliver it. There are of course varying risks and uncertainties, which we set out in the accompanying company risk disclosures, so our role is to be supportive, while also exercising strong oversight of the risk appetite and control frameworks, to protect the long-term interests of shareholders.

I have been impressed by the focus on culture and diversity at RBS. To deliver on the strategy we need to have a culture that puts customers at the heart of the business and places a premium on integrity. This is a long-term journey but it is central to making RBS a bank that is growing and flourishing for its customers and shareholders. Central to culture is diversity, which drives innovation and improves decision making, and I am pleased to see the emphasis in the business on ensuring women take a significant number of roles throughout the bank and at all levels.

Looking forward into 2016 and beyond RBS, there are a number of macroeconomic and political risks and uncertainties which are set out in the accompanying risk disclosures. One key question for the UK electorate this year will be whether the UK should remain in the EU. We are a UK-focused bank, but we have good businesses operating in other EU countries such as Ulster Bank in Ireland and many of our business customers heavily depend on unfettered access to the European Single Market. Most economic forecasts therefore point to a slowdown in UK growth, at least in the short to medium term, which would be unwelcome. Therefore, like any prudent business we are preparing for various potential scenarios. However, our primary responsibility is to serve and support our customers, and we will continue to do this, whichever way the UK electorate ultimately decide to vote.

## **Our role in the Community**

RBS is a core part of the communities it serves and undertakes a number of initiatives to support them and help them succeed. In 2015 the bank's MoneySense programme, which provides impartial financial education for young people, celebrated its 21st anniversary. To mark the occasion, MoneySense was redeveloped and relaunched on a new digital platform with brand new content.

In 2015, we also spent a great deal of effort and resource supporting small businesses and encouraging start-ups. In partnership with social enterprise Entrepreneurial Spark we opened four new entrepreneur hubs, with a further six to be launched throughout the UK in the next two years, including one in our HQ in Edinburgh opened in February. These business accelerators, which are based in our buildings, provide start-ups with free office space, mentoring and access to our networks. 7,000 entrepreneurs will be supported in this way over five years, helping to grow the economy and create jobs. In Scotland, we have also been supporting local charities and social enterprises through use of vacant space in our retained branch network.

I am also impressed with the zeal with which the staff of RBS got on their bikes to support our chosen charity, Sport Relief. Over 700 colleagues got involved, raising over £600,000 in just five days, making the event the largest corporate fundraising event in Sport Relief's history.

## **Conclusion**

Apart from the departure of Philip Hampton, the composition of the Board has remained unchanged through the year, though we welcomed a new member early in 2016: Mike Rogers, the CEO of Liverpool Victoria, who brings valuable retail financial services experience to the Board.

The particular challenges of RBS impose heavy burdens on the Board of directors. Their time commitment is unusually high, even by the rising standards of European banking. I am very impressed by the dedication and skills which my colleagues bring to the role. They all serve on more than one committee, and their workloads are intense. I look forward to continuing to lead such a motivated and diligent team as we continue the recovery process through 2016.

## **Howard Davies**

Chairman

## Chief Executive's review

“RBS made progress again in 2015. We ended the year a simpler, stronger bank with a business anchored squarely in the UK and Ireland focused on retail and commercial markets.”

Year one of our plan in 2014 was about getting cost out and improving our capital position. This gave us the platform to go further, faster in 2015 by exiting more businesses that didn't fit our strategy, and accelerating improvements in our core bank. We delivered on both.

### Simpler and stronger

Over the last few years, RBS has built a good track record in restructuring and we reinforced that record in 2015. The sale of Citizens was completed early following the largest US bank IPO ever. We are well through the sale of our international private banking business, and are winding down our non-UK transaction services business. Major loan portfolios have been divested, and the progress continues on the complex process to exit 25 of the 38 countries in our international network. We also marked the end of RBS Capital Resolution (RCR), having substantially completed its run down one year ahead of schedule.

Our progress on exits and disposals has supported a substantial uplift in capital strength, with our CET1 ratio up by 430 basis points over the year to 15.5%.

Like other banks, we continue to look for opportunities to resolve legacy conduct issues on terms we believe to be acceptable. We have recently added to our provisions in relation to residential mortgage-backed securities in the US (RMBS) and Payment Protection Insurance (PPI). We hope to conclude many of the remaining substantial conduct and litigation issues over the coming year, but the timing of many of these matters is not in our hands.

### **An improving core bank**

As well as exiting businesses that don't fit our strategy, we have made strong progress in improving our core retail and commercial franchises. Mortgage and commercial lending showed healthy growth over the year as we played a key role in supporting the UK economy.

Focus continues around simplifying processes as the scale and footprint of the bank is reshaped. At an operational level, we have reduced our London property footprint, further rationalised and simplified our systems, and increased stability across our core platforms. Simplification across the bank has helped reduce our cost base by £983<sup>(1)</sup>million this year.

We have also improved our products and service for customers. Our new current account proposition – Reward – is a further step forward in terms of our offering, with our customers receiving 3% cashback on their household bills. This product is geared toward building stronger and deeper customer relationships.

Across our franchises we demonstrated further commitment to becoming a fair bank that earns the trust and loyalty of its customers. We launched a progressive three year fixed premium rate home insurance product, made £100 and £250 overdrafts automatically available to an additional one million customers, and launched new cards for visually impaired customers that secured approval from the Royal National Institute of Blind People (RNIB).

Our underlying performance over the year shows the strength - and further potential - of our core businesses, but the conduct and restructuring issues mentioned have taken their toll on our bottom line. While adjusted operating profit for the year totalled £4,405<sup>(2)</sup> million, we recorded a full year loss attributable to ordinary shareholders of £1,979 million.

We went further, faster against our targets in 2015

We have consistently referred to five priorities, which have become a familiar framework for tracking performance. This management team is committed to a simple approach: we set out our priorities, we commit to targets against each of them, and then we deliver, as we have set out on page 7.

For the note refer to the following page

Chief Executive's review

## 2016 Targets

Each year, the bank moves toward delivering stronger returns from a lower risk profile; our strategic priorities are at the core of this. For 2016, we have a new set of targets which ultimately underpin achieving the long-term target of being number one for customer service, trust and advocacy:

Our long-term financial and customer targets remain unchanged, but we have stretched our employee engagement target further. The logic we are following is simple: more engaged employees have better customer conversations, which will drive better service and, as a result, higher returns.

Strength & sustainability:

maintain bank CET1 ratio of 13%.

Customer experience:

narrow the gap to No.1 for NPS in every primary UK brand.

Simplifying the bank:

reduce operating expenses by £800 million.

Supporting growth:

net 4% growth in PBB (consisting of UK PBB and Ulster Bank RoI) and CPB (consisting of Commercial Banking, Private Banking and RBSI) customer loans.

Employee engagement:

raise employee engagement to within two points of GFS norm.

Focus for 2016

We are looking to take another £800 million from our cost base. This is an area where we must continue to be disciplined given the uncertain macroeconomic and low interest rate environment our core businesses face. In two years, we have taken out £2 billion in costs and next year will see us move closer to a sustainable cost base that reflects the size and scale of this bank.

Our 'Reward' current account proposition and increasing share of the mortgage market give us a platform to be the main bank provider to more valuable customers.



In Commercial Banking, we will continue to shift capital toward business that delivers higher quality returns, and cement our position as the number one bank for UK business.

RBS International is another strong franchise. The solid returns in this business will become an increasing feature of our profit mix over the coming years.

We also have businesses that can and will do better.

Corporate & Institutional Banking (CIB) has plans through to 2020 to deliver acceptable returns and will now be focused on serving our largest and most valuable corporate clients.

We have repositioned Ulster Bank with Ulster Bank customers in Northern Ireland included in Personal & Business Banking and the Republic of Ireland (RoI) business separated into Ulster Bank RoI. The franchise is focused on improving returns by reducing its costs, given it is now a smaller but safer business.

The sale of our international private banking business in 2015 means we can accelerate the repositioning of our UK private bank so it delivers better returns.

The separation and eventual divestment of Williams & Glyn remains a top priority for us. We will not now achieve our planned separation until after the previously announced Q1 2017 but remain committed to full divestment by the end of 2017. Separation of this business is a complex process and we continue to invest sizeable resources.

### **Delivering for customers and shareholders**

The UK government's decision to start disposing of its majority stake in RBS during 2015 was a significant step forward, and underlined the progress we have made over the last two years.

We have previously said that we are in phase two of our plan, working through as many of the remaining conduct and restructuring issues as we can. This is a tough but important part of our plan and we are determined to get through it as quickly as possible.

We will then move to the third phase as a strong, simple and fair bank that delivers solidly on the needs of its customers and shareholders.

**Ross McEwan**

Chief Executive

Note:

Excluding litigation and conduct costs (2015 - £3,568; 2014 - £2,194 million), restructuring costs (2015 - £2,931 (1) million; 2014 - £1,154 million), write down of goodwill and other intangible assets (2015 - £573 million; 2014 - £276 million) and other operating costs of Williams & Glyn (2015 - £261 million; 2014 - £232 million).

Income excludes gains on own credit adjustments of £309 million, loss on redemption of own debt £263 million (2) and loss on strategic disposals of £157 million, and expenses excludes restructuring costs of £2,931 million, litigation and conduct costs of £3,568 million and write-down of goodwill of £498 million

## Business model and strategy

### **Business model and strategy**

Our major source of income in our retail and commercial banking businesses is net interest income. This is the difference between the income we earn from the loans and advances we have made to our personal, corporate and institutional customers and on our surplus funds and the interest we pay on deposits placed with us by our customers and on debt securities we have issued. We also earn fees from financial services and other products we provide to our customers as well as rental income from assets we lease to our customers.

Our Corporate & Institutional Banking business also earns income from trading activities supporting its provision of financing and risk management services to customers, particularly Rates, Currencies and Financing. We do business in competitive markets but we have strong franchises and good growth opportunities, and we aim to target our investment to maximise these opportunities.

Our Personal & Business Banking (consisting of reportable segments UK PBB and Ulster Bank RoI) and Commercial & Private Banking (consisting of reportable segments of Commercial Banking, Private Banking and RBSI) franchises provide services to over 17 million personal and business customers in the UK and to over 1 million personal and business customers in the Republic of Ireland. Our Corporate & Institutional Banking business focuses on large corporate clients operating in the UK and Western Europe, as well as serving global financial institutions.

Our Structure

**Our Structure**

We are organised to provide products and services to personal, commercial and large corporate and institutional customers. Our principal customer-facing businesses are supported by a central Services function and other support and control functions.

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## Our Strategy

### Note:

Earliest possible timing is likely to be later than Q1 2017, subject to Board and PRA approval. Key milestones before seeking PRA approval for capital distributions would include, among other considerations, maintaining the (1) 13% CET1 ratio target, passing regulatory capital requirements, pass 2016 Bank of England stress test (including Individual Capital Guidance hurdle) and operating within capital risk appetite, peak of litigation and conduct costs passed including US RMBS, confidence in sustainable profitability, and Williams & Glyn exit assured

## Our Priorities

We have a long way to go to be the bank that our customers deserve. But we are in a period of very significant, positive change. We have millions of great customers, tens of thousands of outstanding employees. By building on this foundation, we can achieve our ambition to be number one for customer service, trust and advocacy in all our chosen markets.

## Our Plan

Our overarching ambition is to become the number one bank for customer service, trust and advocacy. We have set out how we track our progress towards this goal on page 22. We also track a number of other performance measures and have set long-term targets for these to keep us on track.

	<b>Our long-term targets</b>	<b>Our 2016 goals</b>
<b>Strength and sustainability</b>	CET1 ratio of 13% (1) RoTE $\geq$ 12%	Maintain bank CET1 ratio of 13%
<b>Customer experience</b>	No.1 for service, trust and advocacy	Narrow the gap to No.1 for NPS in every primary UK brand
<b>Simplifying the bank</b>	Cost:income ratio <50%	Reduce operating expenses by £800m (2)
<b>Supporting growth</b>	Leading market positions in every franchise	Net 4% growth in PBB and CPB customer loans
<b>Employee engagement</b>	Employee engagement index in upper quartile of GFS norm	Raise employee engagement to within two points of GFS norm

Notes:

(1) During the period of restructuring.

(2) Excluding litigation and conduct costs (2015 - £3,568; 2014 - £2,194 million), restructuring costs (2015 - £2,931 million; 2014 - £1,154 million), write down of goodwill and other intangible assets (2015 - £573 million; 2014 -

£276 million) and other operating costs of Williams & Glyn (2015 - £261 million; 2014 - £232 million).

## Our Operating Model

We have a clear set of Organisation Design principles that underpin our operating model, structures and accountabilities.

## Our Values

Our Values are universal and guide our actions every day, in every part of our business. The values are the foundation of how we work at RBS.

### **Serving customers**

We exist to serve customers.

We earn their trust by focusing on their needs and delivering excellent service.

### **Doing the right thing**

We do the right thing.

We take risk seriously and manage it prudently.

We prize fairness and diversity and exercise judgment with thought and integrity.

### **Working together**

We care for each other and work best as one team.

We bring the best of ourselves to work and support one another to realise our potential.

### **Thinking long term**

We know we succeed only when our customers and communities succeed.

We do business in an open, direct and sustainable way.

Our customers

## **Our Customers**

RBS remains committed to achieving its target of being number one bank for customer service, trust and advocacy by 2020. In recent years, RBS has launched a number of initiatives to make it a simple and fair bank to do business with, and it continues to deliver on the commitments that it made to its customers in 2014.

We use independent surveys to measure our customers' experience and track our progress against our goal in each of our markets.

## **Net Promoter Score (NPS)**

Customers are asked how likely they would be to recommend their bank to a friend or colleague, and respond based on a 0-10 scale with 10 indicating 'extremely likely' and 0 indicating 'not at all likely'. Customers scoring 0 to 6 are termed detractors and customers scoring 9 to 10 are termed promoters. NPS is established by subtracting the proportion of detractors from the proportion of promoters.

The table below lists all of the businesses for which we have a NPS for Q4 2015. Year-on-year, NatWest Business Banking, RBS Business Banking and Ulster Bank Personal Banking (Northern Ireland) have seen significant improvements in NPS.

## **Customer trust**

We also use independent experts to measure our customers' trust in the bank. Each quarter we ask customers to what extent they trust or distrust their bank to do the right thing. The score is a net measure of those customers that trust their bank (a lot or somewhat) minus those that distrust their bank (a lot or somewhat). Customer trust in RBS is at its highest in two years and NatWest has also improved.



Notes:

Source: GfK FRS 6 month rolling data. Latest base sizes: NatWest (England & Wales) (3509) Royal Bank of  
(1) Scotland (Scotland) (623). Based on the question: “How likely is it that you would recommend (brand) to a relative, friend or colleague in the next 12 months for current account banking?”

Source: Coyne Research 12 MAT data. Latest base sizes: Ulster Bank NI (300) Ulster bank RoI (302) Question:  
(2) “Please indicate to what extent you would be likely to recommend (brand) to your friends or family using a scale of 0 to 10 where 0 is not at all likely and 10 is extremely likely”.

Source: Charterhouse Research Business Banking Survey, based on interviews with businesses with an annual  
(3) turnover up to £2 million. Quarterly rolling data. Latest base sizes: NatWest England & Wales (1352), RBS Scotland (432). Weighted by region and turnover to be representative of businesses in England & Wales/Scotland.

Source: PWC Northern Ireland Business Banking Tracker and PWC Republic of Ireland Business Banking  
(4) Tracker. Data collected annually. Latest base sizes: Ulster Bank NI (377), Ulster Bank RoI (222). Weighted by turnover to be representative of businesses in Northern Ireland and Republic of Ireland.

Source: Charterhouse Research Business Banking Survey, based on interviews with businesses with annual  
(5) turnover between £2 million and £1 billion. Latest base size: RBSG Great Britain (872). Weighted by region and turnover to be representative of businesses in Great Britain.

Source: Populus. Latest quarter’s data. Measured as a net of those that trust RBS/NatWest to do the right thing, less  
(6) those that do not. Latest base sizes: NatWest, England & Wales (974), RBS Scotland (187).

## Key economic indicators

### **Key economic indicators**

The UK economy grew by 2.2% in 2015, its average of the last 40 years. In a healthy job market, the number of people in work rose by more than 500,000 and unemployment fell to 5.1%. For the first time in six years there was meaningful wage growth, averaging 2.0%. Businesses' profits were as strong as at any point since the 1990s, at least outside the oil and gas sector, and business investment continued to rise. House prices grew by around 8%.

### **Summary**

Despite this generally positive environment, inflation hovered around 0% throughout the year. Most of the weakness in inflation was a consequence of falling commodity prices and the effects of the depreciation in sterling since 2013. However, some of it reflected spare capacity in firms and in the labour market that contained domestic cost growth. Low inflation was one important reason why Bank Rate remained unchanged throughout the year at 0.5%, where it has been since March 2009. During early 2016, the date at which markets expected Bank Rate to rise ranged from 2017 to 2020, materially later than expectations in mid-2015. During early 2016, the date at which markets expected Bank Rate to rise ranged from 2017 to 2020, materially later than expectations in mid-2015.

Driven by strong export performance, growth in Ireland accelerated sharply to around 7.0% in the first three quarters of 2015, its fastest rate since before the crisis. Unemployment fell to under 10%, which, while materially below the recession peak of 15% remains high by the standards of the past. House price inflation moderated from 16.3% in 2014 to 6.6%, reflecting a continuing imbalance between supply and demand.

Growth in the wider euro area accelerated modestly to more than 1.0%. However, with inflation close to zero and unemployment averaging more than 11%, the European Central Bank launched a programme of quantitative easing. That programme will continue until September 2016 at the earliest. In the US, growth was 2.4%, the same as in 2014, and unemployment fell to 5%. Inflation was close to zero throughout the year. In December, the Federal Open Market Committee voted to raise the Federal Funds Target Rate by 0.25% to a range of 0.25%-0.5%.

In emerging markets, notably China, growth slowed sharply during the year, although this was not always reflected in official data. During 2015 and again in early 2016, market volatility rose because of concerns about prospects in China and other emerging markets and the possible consequences of slower growth there for advanced economies. Weaker emerging market growth contributed to slow trade growth.



Business review

**Business review**

RBS is structured around becoming number one for service, trust and advocacy as we meet the ambitions and needs of our retail, business, commercial and corporate customers. Organised under three customer-facing franchises, our core businesses are centred around the UK and Ireland markets with a focused international capability.

Personal & Business Banking (PBB) comprises two reportable segments: UK Personal & Business Banking (UK PBB) and Ulster Bank RoI.

Commercial & Private Banking (CPB) comprises three reportable segments: Commercial Banking, Private Banking and RBS International (RBSI).

Corporate & Institutional Banking (CIB) serving our largest corporate and institutional clients.

In addition, RBS will continue to manage and report Capital Resolution separately until disposal or wind down.

Personal & Business Banking

**Personal & Business Banking (includes reportable segments UK PBB and Ulster Bank RoI) – contribution to income of 45%**

**Les Matheson**

CEO, Personal & Business Banking

Personal & Business Banking (PBB) serves individual and mass affluent customers together with small businesses (generally up to £2 million turnover). PBB's principal brands are NatWest in England and Wales, Royal Bank of Scotland in Scotland, and Ulster Bank RoI in the island of Ireland. The operations of Ulster Bank in Northern Ireland have been combined with the main UK business.

**Performance overview**

PBB recorded an operating profit of £1,292 million in 2015, down 20% from 2014, (UK PBB £1,030 million, down 9% from 2014, Ulster Bank RoI £262, down 46% from 2014), with good asset growth offset by pressure on new business margins and higher costs for restructuring the business and remedying past conduct issues.

Customer lending grew by 5% to £136.5 billion, with good growth also recorded in customer deposits, up 2% to £150.9 billion (In UK PBB customer lending grew by 7% to £119.8 billion, customer deposits, increased by 4% to £137.8 billion, Ulster Bank RoI customer lending declined 8% to £16.7 billion, customer deposits declined by 11% to £13.1 billion). While deposit margins widened, overall net interest margin was lower as competitive conditions and the increased proportion of lower margin mortgage lending reduced asset margins.

Operating expenses of £4,606 million included £959 million of provisions for customer redress, principally in relation to Payment Protection Insurance, as well as £182 million of restructuring costs. Operating expenses excluding restructuring costs and litigation and conducts were £3,465 million, down 3% from 2014. (UKPBB operating expenses excluding restructuring costs of £167 million (2014 - £111 million) and litigation and conduct costs of £972 million (2014 - £918 million) were £3,038 million, down 3% from 2014, Ulster Bank RoI operating expenses excluding restructuring costs of £15 million (2014 - £13 million) and litigation and conduct recoveries of £13 million (2014 - £19 million) were £427 million, unchanged from 2014).

Credit conditions remained benign, with modest net impairment releases in the UK and substantial releases in RoI, albeit lower than in 2014.

**Building a better bank that serves customers well**

In 2015 PBB moved to build deeper customer engagement through the launch of a new current account, 'Reward', which enables customers to receive 3% cashback on their household bills for a monthly account fee of £3.

Committed to fair banking through making overdrafts more accessible to one million customers who are now eligible for overdrafts of £100 and £250.

PBB continued to improve and develop the NatWest mobile banking app, becoming the first UK bank to enable customers to log in using their fingerprint with Touch ID and adding enhanced functionality on real time registration, Apple Pay and PAYM.

<b>Performance highlights</b>	<b>2015</b>			<b>2014</b>		
	UK PBB	Ulster Bank RoI	PBB	UK PBB	Ulster Bank RoI	PBB
Return on equity (%)	11.7	10.6	11.4	11.9	18.6	13.7
Net interest margin (%)	3.18	1.57	2.93	3.32	1.92	3.10
Cost:income ratio (%)	80	78	80	76	70	76
Operating profit (£m)	1,030	262	1,292	1,133	489	1,622
Operating expenses (£m)	(4,177)	(429)	(4,606)	(4,157)	(421)	(4,578)
Restructuring costs (£m)	(167)	(15)	(182)	(111)	(13)	(124)
Litigation and conduct costs (£m)	(972)	13	(959)	(918)	19	(899)
Operating profit excluding restructuring and litigation and conduct costs (£m)	2,169	264	2,433	2,162	483	2,645
Operating expenses excluding restructuring and litigation and conduct costs (£m)	(3,038)	(427)	(3,465)	(3,128)	(427)	(3,555)
Net loans and advances to customers (£bn)	119.8	16.7	136.5	111.6	18.1	129.7
Customer deposits (£bn)	137.8	13.1	150.9	132.6	14.7	147.3
Loan:deposit ratio (%)	87	127	90	84	124	88
Risk-weighted assets (£bn)	33.3	19.4	52.7	36.6	21.8	58.4

Case studies

**A new way to pay**

With Apple Pay, customers can now shop using just their mobile phone. NatWest was one of the first banks to make the service available to UK customers, and thanks to this partnership between the bank and Apple, customers can now use their Apple devices to pay for goods in shops, make payments in apps and pay fares on the London transport system while travelling around the city.

Not only is Apple Pay convenient, but customers earn the same rewards they would get using their RBS or NatWest debit or credit cards.

So now if you leave your wallet at home, it need not ruin your day.

**Very rewarding**

Customers want banking to be simple and straightforward – and to be rewarded for their loyalty. It's never fair when new customers get all the best deals. Our new Reward account is benefiting customers old and new, who choose to do their everyday banking with us. There are no catches, or complicated terms and conditions. For a small fee all customers can earn 3% cashback on up to seven household bills paid by direct debit. That means anyone paying household bills of more than £100 a month will cover the monthly Reward fee, and the more you pay out for your bills, the more you earn. It really is that simple.

## Commercial & Private Banking

### **Commercial & Private Banking (includes reportable segments Commercial Banking, Private Banking and RBSI) contribution to income of 33%**

#### **Alison Rose**

CEO, Commercial & Private Banking

Commercial & Private Banking (CPB) serves commercial and corporate customers, operating principally through the NatWest and Royal Bank of Scotland brands, and high net worth individuals, through Coutts and Adam & Co. In Jersey, Guernsey, the Isle of Man and Gibraltar, RBS International serves a range of retail, commercial, corporate and financial institution customers. CPB aims to support the UK and Western European economies through its provision of credit and banking services to help businesses grow.

#### Performance overview

CPB recorded an operating profit of £1,001 million, down £592 million or 4% ( Commercial Banking – up £8 million, 1%, Private Banking – down £569 million, RBSI - down £31 million, 13%). Operating profit excluding restructuring, litigation and conduct costs and write down of goodwill was £1,708 million down 11%. (Commercial Banking – down £92 million, 6%, Private Banking – down £77 million, 41%, RBSI – down £34 million, 14%). CPB operating profit of £1,001 million was impacted by a goodwill impairment charge of £498 million attributed to Private Banking.

In CPB total income declined by 3% to £4,265 million. In Commercial Banking total income declined by 2%, driven by a loss of £34 million from the sale of non-strategic asset portfolios and the transfer of the commercial cards business to UK PBB in 2014. In Private Banking total income declined by 7% to £644 million principally reflecting reduced fee income. In RBSI total income declined by 6% to £367 million principally reflecting lower deposit margins and lower return on free funds.

Good growth was achieved in lending to UK businesses. Commercial Banking achieved net new lending of £1.4 billion, while continuing to run down some non-strategic portfolios. Pressure on new business lending margins was partially offset by deposit repricing.

In CPB operating expenses of £3,182 million included £146 million of restructuring costs (up 26% from 2014), £63 million of conduct and litigation costs (down 69% from 2014) and write-down of goodwill of £498 million. This included restructuring costs of £69 million relating to Commercial Banking, down 36%, £73 million relating to Private Banking and £4 million relating to RBSI, down 43%, litigation and conduct costs of £51 million relating to



Commercial Banking down 54% and £12 million relating to Private Banking down 87% and write-down of goodwill of £498 million, all relating to Private Banking. Operating expenses excluding restructuring, litigation and conduct costs and write down of goodwill increased by 3% to £2,475 million. (Commercial Banking increased by 3% to £1,801 million, Private Banking increased by 3% to £518 million and RBSI increased by 2% to £156 million).

Impairment losses were £82 million, in line with the modest impairments experienced in 2014, (Commercial Banking £69 million, Private Banking £13 million and RBSI - nil).

#### Building a better bank that serves customers well

Commercial Banking made progress towards improving customer experience by becoming easier and simpler to do business with through operational investment and process simplifications.

- Continued enhancements within the business contributed to commercial lending growth in 2015.

Opened four Entrepreneur Hubs across the UK, increasing our involvement to seven, enabling entrepreneurs and small businesses to access free office space, mentoring and fi support, with a further fi e hubs to be opened in 2016.

Private Banking is being refocused on its UK connected customers, with a simpler operating model and new customer propositions for wealthy individuals and families. Closer links with Commercial Banking have driven an increase in client referrals.

## Commercial &amp; Private Banking

Performance highlights	2015				2014			
	Commercial Banking	Private Banking	RBSI	CPB	Commercial Banking	Private Banking	RBSI	CPB
Return on equity (%)	9.8	(27.7)	18.5	5.8	10.2	4.1	24.2	10.6
Net interest margin (%)	1.88	2.75	1.48	1.92	1.91	2.89	1.65	1.99
Cost:income ratio (%)	59	171	44	75	59	86	41	62
Net loans and advances to customers (£bn)	91.3	11.2	7.3	109.8	84.9	11.0	7.2	103.1
Customer deposits (£bn)	88.9	23.1	21.3	133.3	84.9	22.3	20.8	128.0
Loan:deposit ratio (%)	103	48	35	82	100	49	35	80
Risk-weighted assets (£bn)	72.3	8.7	8.3	89.3	63.2	8.7	7.5	79.4
Operating profit (£m)	1,264	(470)	207	1,001	1,256	99	238	1,593
Operating expenses (£m)	(1,921)	(1,101)	(160)	(3,182)	(1,964)	(595)	(160)	(2,719)
Restructuring costs (£m)	(69)	(73)	(4)	(146)	(108)	(1)	(7)	(116)
Litigation and conduct costs (£m)	(51)	(12)	-	(63)	(112)	(90)	-	(202)
Write down of goodwill	-	(498)	-	(498)	-	-	-	-
Operating profit excluding restructuring, litigation and conduct costs and write down of goodwill (£m)	1,384	113	211	1,708	1,476	190	245	1,911
Operating expenses excluding restructuring, litigation and conduct costs and write down of goodwill (£m)	(1,801)	(518)	(156)	(2,475)	(1,744)	(504)	(153)	(2,401)

## Case studies

### A campus fit for a king

Established in 1829, King's College London has an illustrious history, with alumni including John Keats and Florence Nightingale. The University wanted to raise £135 million to invest in its Strand campus, and returned to the private placement market to deliver. "Since our foundation we've banked with RBS, so we have a long and trusted relationship," explains Stephen Large, Director of Finance at King's College London. "I'm proud of the difference the redevelopment will make to the University, future generations of students and the local community." This strong relationship helped the bank and the University work together to raise the funding to redevelop the campus and create a new business school.

### Home sweet home

Moving house can be stressful. Then, once you find the right home, you then need to switch energy supplier, set up your broadband and manage your home. Zoopla Property Group (ZPG) is a digital media and lead generation platform that owns and operates some of the UK's most widely recognised and trusted digital brands including Zoopla, uSwitch and PrimeLocation. Its mission is to be the most useful resource for consumers and the most effective marketing channel for related business partners. Acquiring price comparison website uSwitch in June 2015 allowed ZPG to develop its combined services and become the consumer champion at the heart of the home. RBS supported the acquisition by acting as Mandated Lead Arranger in a £150 million four-bank arrangement. Thanks to the successful deal, ZPG can now help its consumers make smarter decisions when finding, moving or managing their home.

## Corporate & Institutional Banking

### **Corporate & Institutional Banking contribution to income of 12%**

#### **Chris Marks**

CEO, Corporate & Institutional Banking

The Corporate & Institutional Banking (CIB) business has a core focus on UK and Western Europe corporates and global financial institutions, shaped around three product lines: Rates, Currencies and Financing. The business is undergoing a multi-year transformation, which was launched in 2015.

#### Performance overview

CIB reported an operating loss of £837 million, compared with a loss of £710 million in 2014. Operating loss excluding restructuring costs of £524 million (2014 - £102 million), litigation and conduct costs of £378 million (2014 - £832 million) and own credit adjustments of £120 million (2014 - £9 million loss) was £55 million, compared with an operating profit of £233 million in 2014 as lower income was partially offset by a reduction in expenses, down 15%.

Total income declined by £404 million, or 21%, to £1,527 million in 2015. Excluding £120 million relating to own credit adjustments (2014 - £9 million charge) and £98 million relating to the transfer of portfolio businesses to Commercial Banking, CIB income was £1,309 million, in line with previous guidance.

Rates income declined, reflecting the reduced scale and risk appetite of the business. Currencies incurred losses when the Swiss Central Bank unexpectedly removed the Swiss Franc's peg to the Euro. Financing was impacted by the strategically reduced corporate footprint especially in the US and by lower levels of EMEA investment grade issuance.

Operating expenses of £2,369 million (2014 - £2,650 million) included litigation and conduct costs of £378 million (2014 - £832 million) and restructuring costs of £524 million (2014 - £102 million). Operating expenses excluding litigation and conduct costs and restructuring costs were £249 million lower totalling £1,467 million (2014 - £1,716 million), principally due to considerable reduction in headcount as the business moves towards a more sustainable cost base.

RWAs reduced by £8.8 billion to £33.1 billion compared with £41.9 billion, nearing the end-state target of c.£30 billion. The reduction was primarily driven by the transfer to Commercial Banking of the UK and Western European portfolio business.

Building a better bank that serves customers well

CIB managed the largest liability management exercise in Europe in 2015 whilst raising approximately £50 billion for customers in debt capital markets in 2015.

Steady state target for CIB is c.£1.4 billion of income with c.£30bn RWAs. Operating expenses are targeted at c.£0.7-0.8bn to deliver 8-10% return of equity.

<b>Performance highlights</b>	<b>2015</b>	<b>2014</b>
Return on equity (%)	11.1	7.9
Cost:income ratio (%)	155	137
Loans and advances to customers (£bn)	16.1	26.5
Customer deposits (£bn)	5.7	11.8
Risk-weighted assets (£bn)	33.1	41.9

## Case studies

### Waste nothing

Rotterdam-based AVR handles public and commercial waste from across the Netherlands and surrounding countries, including the UK and Ireland. The waste is transformed into green energy for the Dutch power grid and district heating. A consortium, Cheung Kong Infrastructure Holdings and Power Assets Holdings, bought the business in 2013 and we recently helped them refinance part of that acquisition through the capital markets. The deal means the company can now operate more cheaply. This is good for AVR, and for Dutch communities as the company is now able to bid more competitively for public authority waste contracts.

### Silver Service for Whitbread

RBS has a long-standing relationship with Whitbread, the UK's largest hospitality company, which owns a number of well known brands including Premier Inn, Costa Coffee, Beefeater and Brewers Fayre. The company wanted to raise £450 million, so turned to the bank for help to raise the funds in the debt capital markets. RBS acted as joint lead manager, documentation bank as well as billing and delivery agent on the benchmark 10-year deal, which had a coupon of 3.375 per cent.

The deal marked Whitbread's debut sterling bond issue and will help the hospitality company continue to grow its business.

## Capital Resolution

### **Capital Resolution**

#### **Mark Bailie**

CEO, Capital Resolution

Capital Resolution consists of CIB Capital Resolution and RBS Capital Resolution (RCR). At 1 January 2015, CIB Capital Resolution comprised £101 billion of funded assets consisting of non-strategic portfolios from the CIB segment. RCR was created on 1 January 2014 to de-risk the bank's balance sheet.

#### **Performance overview**

Capital Resolution funded assets fell by £62.2 billion to £53.4 billion, primarily due to run off of the repo financing book and loan portfolio disposals.

Within this RCR reduced funded assets by 88% since its formation to £4.6 billion, exceeding the targeted reduction of 85% a year ahead of schedule.

Capital Resolution RWAs reduced from £95.1 billion to £49.0 billion, driven by significant reductions across CIB Capital Resolution and RCR, which primarily reflected disposals and repayment activity.

CIB Capital Resolution delivered on its commitment to reduce RWAs by £25 billion in 2015, with a reduction of £32.6 billion.

Capital Resolution made an operating loss of £3,687 million, including income related disposal losses of £367 million, restructuring costs of £1,307 million together with litigation and conduct costs of £2,105 million primarily relating to additional provisions for mortgage-backed securities litigation in the US. Operating expenses excluding restructuring costs of £1,307 million (2014 - £185 million), litigation and conduct costs of £2,105 million (2014 - £162 million) and write-down of goodwill of £130 million in 2014, were reduced by £481 million, or 24% to £1,539 million, principally reflecting a fall in headcount of approximately 1,100. Net impairment releases of £725 million were recorded, primarily in RCR driven by the disposal strategy and favourable market and economic conditions.

**Building a better bank that serves customers well**

CIB Capital Resolution consists of three regional businesses (Americas, EMEA and APAC), Shipping, Markets assets, Other legacy assets including Saudi Hollandi Bank and Global Transaction Services.

RCR consisted of four asset groups: Ulster Bank (RCR Ireland), Real Estate Finance (ex. Ireland), Corporate and Markets. The remaining funded assets are included in Capital Resolution and RCR ceases to exist (following formal approval by the PRA).

<b>Performance highlights</b>	<b>2015</b>	<b>2014</b>
Risk-weighted assets (£bn)	49.0	95.1
Risk-weighted asset equivalent (£bn)	50.3	101.3
Total assets (£bn)	201.5	327.3
Funded asset (£bn)	53.4	115.6



## Case study

### Pedalling ourselves proud

RBS became an official partner of Sport Relief in summer 2015, and September saw the first bank-wide fundraising event for the charity. Almost 750 colleagues from right across the business took part in the London to Edinburgh cycle challenge. Colleagues chose to cycle the full 500 miles, or 100 or 35 mile stretches, with hundreds more also taking part in static bike challenges, bake sales and other fundraising activities in our buildings across the UK. RBS employee Howard Fairclough shared his experience of the challenge: “Fantastic day, although my thighs might not agree. In terms of staff engagement this was the best event I’ve taken part in, in my 29 year career with the bank.”

## Governance at a glance

### Our Board

The Board has eleven directors comprising the Chairman, two executive directors and eight independent non-executive directors, one of whom is the Senior Independent Director. Biographies for each director can be found on pages 43 to 46.

In September 2015, Howard Davies was appointed Chairman of RBS, succeeding Philip Hampton. Mike Rogers was appointed to the Board on 26 January 2016.

The Board is collectively responsible for the long-term success of RBS and delivery of sustainable shareholder value. Its role is to provide leadership of RBS within a framework of prudent and effective controls which enables risks to be assessed and managed.

An external evaluation of the effectiveness of the Board and its committees was conducted in 2015, led by Condign Board Consulting Limited.

## Governance at a glance

### Our Board committees

In order to provide effective oversight and leadership, the Board has established a number of Board committees with particular responsibilities. The work of the Board committees is discussed in their individual reports. The terms of reference for each of these committees is available on [rbs.com](http://rbs.com).

The full Governance report is on pages 42 to 89.

### Group Audit Committee

Assists the Board in discharging its responsibilities for monitoring the quality of the financial statements of RBS. It reviews the accounting policies, financial reporting and regulatory compliance practices of RBS and RBS's systems and standards of internal controls, and monitors the work of internal audit and external audit.

#### Board Risk Committee

Provides oversight and advice to the Board on current and potential future risk exposures of RBS and future risk strategy. It reviews RBS's compliance with approved risk appetite and oversees the operation of the RBS Policy Framework and submissions to regulators.

#### **RBS Capital Resolution (RCR) Board Oversight Committee**

Provides oversight of RCR's progress against, and compliance with, its primary objective and asset management principles. The RCR BOC met for the final time in January 2016 to finalise the closure of RCR.

#### **Sustainable Banking Committee**

Provides support to the Board in overseeing actions being taken by management to run a sustainable long term business, with specific focus on culture, people, customer, brand and Environmental Social and Ethical issues.

## Governance at a glance

### Group Performance and Remuneration Committee

Responsible for approving remuneration policy and reviewing the effectiveness of its implementation. It also considers senior executive remuneration and makes recommendations to the Board on the remuneration of executive directors.

### Group Nominations Committee

Assists the Board in the selection and appointment of directors. It reviews the structure, size and composition of the Board, and the membership and chairmanship of Board committees. It considers succession planning taking into account the skills and expertise which will be needed on the Board in future. In 2016, the Nominations Committee will be replaced by the Nominations and Governance Committee, which has an expanded remit including governance oversight.

### Executive Committee

The Board is supported by the Executive Committee comprising the executive directors and other senior executives. It supports the Chief Executive in managing RBS's businesses. It reviews and debates relevant items before consideration by the Board. It is responsible for developing and delivering RBS's strategy and it monitors and manages financial performance, capital allocation, risk strategy and policy, risk management, operational issues and customer issues.

### UK Corporate Governance Code

Throughout the year ended 31 December 2015, RBS has complied with all of the provisions of the UK Corporate Governance Code issued by the Financial Reporting Council dated September 2014 except in relation to provision (D.2.2) that the Group Performance and Remuneration Committee should have delegated responsibility for setting remuneration for the Chairman and executive directors.

RBS considers that this is a matter which should rightly be reserved for the Board.

## Risk overview

### **Risk overview**

#### Progress in 2015

RBS made continued progress in 2015 on delivering its strategy to reduce risk and strengthen its balance sheet and capital position.

Risk-weighted assets fell 32% in the year to £243 billion.

The Common Equity Tier 1 (CET1) capital ratio increased by 430 bps to 15.5% and the leverage ratio increased by 140 bps to 5.6%.

Risk elements in lending (REIL) fell to £12.2 billion, representing 3.9% of gross customer loans, down from 6.8% at 31 December 2014.

RBS continued to reduce risk concentrations, notably in sectors such as Oil & Gas and Commercial Real Estate as well as in the Eurozone periphery countries.

Good progress was made in de-risking the balance sheet as a result of the continued run-down or sale of certain businesses and higher-risk or capital-intensive assets.

Citizens was fully divested resulting in a total RWA reduction of £63 billion.

Capital Resolution reduced RWAs to £49 billion at 31 December 2015 from £95 billion at 31 December 2014, with substantial progress seen across exit portfolios. RCR reached its targeted run-down for 2015 with a total RWA reduction of £38 billion since launch and a £13.5 billion reduction in 2015.

The first tranche of the international private banking business sale was completed with the second tranche due to be completed in the first half of 2016.

In the Bank of England (BoE) 2015 stress test, RBS's transitional Common Equity Tier 1 (CET1) capital ratio under the hypothetical adverse scenario was 6.1% after the impact of management actions, above the 4.5% post-stress minimum CET1 capital ratio threshold set by the BoE. Taking into account the capital actions achieved in 2015 and those planned in the future, RBS did not need to alter its current capital plan as a result of the stress test, including the requirements relating to its Individual Capital Guidance (ICG). RBS's Tier 1 leverage ratio under the hypothetical adverse scenario was 2.9%. After the impact of management actions, the ratio was 3.0%, which met the 3.0% post-stress minimum Tier 1 leverage ratio threshold set by the BoE.

RBS maintained a strong liquidity and funding risk profile in 2015. Its loan to deposit ratio was 89% at 31 December 2015, compared with 95% in 2014. The latest Individual Liquidity Adequacy Assessment (ILAA) showed that RBS is in a strong position to withstand liquidity stress scenarios. It suggested that RBS's liquidity portfolio was large enough to cover more than double (227%) the expected outflows in the worst of three severe scenarios.

## Risk overview

### Top and emerging risks

RBS employs a robust process for identifying and managing its top and emerging risks. Top risks are defined as scenarios that, while unlikely, may materialise, and which, if they did, would have a significant negative impact, such that RBS as a whole, or a particular business, could potentially fail to meet one or more of its strategic objectives. A number of scenarios attracted particular attention in 2015:

### Macro-economic and other external risks

#### Risks related to the wider economy:

Like most other businesses, RBS remains vulnerable to changes in the external economic environment. Among potential scenarios considered, the following could have a material negative impact: a UK recession including large house price falls; vulnerabilities in emerging market economies, including China, resulting in contagion in RBS's core markets; global deflation; volatility in international markets linked to advanced economy interest rate increases or decreases; a resumption of the eurozone crisis, including a worsening of the situation in Greece; and major geopolitical instability. To mitigate these risks, RBS has strengthened its capital, liquidity and leverage positions. A number of higher-risk portfolios have been exited or reduced. Stress testing is used extensively to inform strategic planning and risk mitigation relating to these risks.

#### Risks related to the UK referendum on EU membership:

The referendum on the UK's membership of the EU during this parliament increases economic and operational uncertainty. The result may also give rise to further political uncertainty regarding Scottish independence. RBS actively monitors, and considers responses to, varying EU referendum outcomes to ensure that it is well prepared for all eventualities.

#### Risks related to the competitive environment:

RBS's target markets are highly competitive, which poses challenges in terms of achieving some strategic objectives. Moreover, changes in technology, customer behaviour and business models in these markets have accelerated. RBS monitors the competitive environment and associated technological and customer developments as part of its strategy development and makes adjustments as appropriate.

#### An increase in obligations to support pension schemes:

If economic growth stagnates, and interest rates remain low, the value of pension scheme assets may not be adequate to fund pension scheme liabilities. The deficit in RBS pension schemes as determined by the most recent triennial valuations has increased, requiring RBS to increase its current and future cash contributions to the schemes. An acceleration of certain previously committed pension contributions in Q1 2016 will reduce this risk. Depending on the economic and monetary conditions and longevity of scheme members prevailing at that time, the deficit may increase at subsequent valuations.

#### Regulatory and legal risks

##### The impacts of past business conduct:

Future conduct and litigation charges could be substantial. RBS is involved in ongoing class action litigation, securitisation and mortgage-backed securities related litigation, investigations into foreign exchange trading and rate-setting activities, continuing LIBOR-related litigation and investigations, investigations into the treatment of small and medium-sized business customers in financial difficulty, anti-money laundering, sanctions, mis-selling (including mis-selling of payment protection insurance products), and other investigations. Settlements may result in additional financial penalties, non-monetary penalties or other consequences, which may be material. More detail on these issues can be found in the Litigation, Investigations and Reviews and Risk Factors sections. To prevent future conduct from resulting in similar impacts, RBS has embarked on a programme to embed a strong and comprehensive risk and compliance culture.

##### Risks to income, costs and business models arising from regulatory requirements:

RBS is exposed to the risk of further increases in regulatory capital requirements as well as risks related to new regulations that could affect its business models. RBS considers the implications of proposed or potential regulatory activities in its strategic and financial plans.

#### Operational and execution risks

##### Increased losses arising from a failure to execute major projects successfully:

The successful execution of major projects, including the transformation plan, the restructuring of CIB, the divestment of Williams & Glyn and the embedding of a strong and pervasive organisational and risk culture, are essential to meet RBS's strategic objectives. The separation and eventual divestment of Williams & Glyn is a complex process and as such entails significant operational and execution risk. The Group remains committed to full divestment of Williams & Glyn by the end of 2017. These projects cover organisational structure, business strategy, information technology systems, operational processes and product offerings. RBS is working to implement change in line with its project plans while assessing the risks to implementation and taking steps to mitigate those risks where possible.



## Risk overview

### Impact of cyber attacks:

Cyber attacks are increasing in frequency and severity across the industry. RBS has participated in industry-wide cyber attack simulations in order to help test and develop defence planning. To mitigate the risks, a large-scale programme to improve user access controls is in progress, along with a number of other actions, including a reduction in the number of external websites, enhancement of anti-virus protections, and the implementation of a staff education programme on information protection.

### Inability to recruit or retain suitable staff:

RBS is undergoing significant organisational change, the result of a need to implement new business strategies and respond to a changing external environment. The pace of change, coupled with the associated uncertainty, may cause experienced staff to leave and prospective staff not to join. Although these risks concern all customer businesses, they particularly affect CIB. RBS has communicated expected changes in its organisational structure to members of staff, implementing plans aimed at minimising unexpected staff losses. It is also working to implement an enhanced recruitment strategy.

### Failure of information technology systems:

RBS's information technology systems may be subject to failure. As such systems are complex, recovering from failure is challenging. To mitigate these risks, a major investment programme has significantly improved the resilience of the systems and more benefits are expected. Back-up system sustainability has improved, and a 'shadow bank' system, to provide basic services, if needed, has been created.

Full risk factors are discussed on pages 384 to 409.

## Sustainable banking

### **Sustainable banking**

Sustainable banking means serving today's customers in a way that also helps future generations. It requires us to put customers first, make RBS a great place to work, support our communities and be mindful of environmental impacts.

This section gives a short overview of our two main areas of focus: supporting enterprise and financial capability. It also provides details of our key disclosures on carbon emissions, inclusion and human rights. Our forthcoming Sustainable Banking Report, independently assured to AA1000 standards, provides a much more comprehensive overview of our approach to these areas and other material issues affecting the bank. Further information is available at [rbs.com/sustainable](http://rbs.com/sustainable).

### Carbon emission disclosures

RBS has a set of five year environmental targets running from 2015-2020, which sit alongside our pre-existing 2012-2020 targets for business travel and paper. At the end of year one, we can report that due to efficiency initiatives across our UK property portfolio, we've continued to reduce our combined Scope 1 and 2 emissions, putting us well on track to meet our global 2020 energy reduction targets. Similarly, our Scope 3 business travel reductions remain on track, as a result of our internal policies to reduce cost and promote more sustainable modes of travel.

We continue to strive to reduce the energy and associated emissions of our data centres, whilst also ensuring the delivery of reliable and innovative services to our customers remains a key priority. We've made changes in our waste reporting, by expanding our data collection streams and working closely with suppliers to find innovative ways to meet targets.

Our ambitious 'Zero Waste to Landfill' target remains challenging and if we are to meet it, will require us to find new approaches to collaboration. The 2015 reporting year has seen the removal of Citizens from our environmental footprint, and so to remain in line with best practice, we've applied our re-baselining strategy to remove CFG emissions and normalise our environmental footprint. In 2014, CFG combined Scope 1, 2 and 3 footprint totalled 101,240tCO<sub>2</sub>e.

### Inclusion

Building a more inclusive bank is essential for our customers and colleagues. Our inclusion policy standard applies to all our people globally.

During 2015 we continued our roll out of unconscious bias learning for all employees. We have introduced a gender goal to have at least 30% of women in the bank's top three leadership levels by 2020. Further, we aim to have 50/50 balance at all levels by 2030. This is supported by the launch of a female development proposition. An increased focus on disability has led to the development of a comprehensive plan to support our colleagues and customers with additional needs and will help RBS achieve its ambition of becoming a 'disability smart' organisation. From an LGBT perspective, we continue to deliver improvements to our people policies and customer operating procedures, including the introduction of guidance to support employees going through gender transition, introducing the 'Mx' honorific, and improving our customer gender change process. We are finalising plans to improve our ethnic representation within senior roles and are continuing to support our 15,000 strong employee-led networks.

RBS has been recognised for its work on Equality, Diversity and Inclusion by our Platinum ranking from Opportunity Now (gender); our Gold ranking for Race for Opportunity (race); retaining a position in the Times Top 50 Employers for Women; and improving upon our ranking in the Stonewall Workplace Equality Index (LGBT). As at 31 December 2015, of our global population of 90,158 employees (actual headcount excluding temporary workers), 42,892 (48%) were male and 47,266 (52%) female. There were 701 'senior managers', which comprises our executive employee population and individuals who are directors of our subsidiaries. The RBS Board of directors has eleven members, consisting of eight male and three female directors.

### **Our approach to Human Rights**

RBS recognises its corporate responsibility to respect and uphold human rights. We regularly review our policies and procedures to ensure that we avoid infringing on the human rights of others throughout our sphere of influence.

The RBS Code of Conduct 'Our Code' sets out the standards we expect our people to work to, including a clear commitment to respecting human rights. We conduct regular consultations with employees on key aspects of their working environment, and operate a confidential helpline facility that allows employees to discuss any matter of concern with regards to their wellbeing. We are an accredited living wage employer.

## Sustainable banking

Our Sustainable Procurement Code sets out our expectations of the companies that we work with. It states that our suppliers should not engage in breaches of human rights or labour rights, or in discrimination. We are also committed to equal opportunities for suppliers, and we recognise that diversity strengthens our supply chain. During 2015 we conducted introductory training on sustainability to members of our procurement team.

Our Environment, Social, Ethical (ESE) Risk policies include sector-specific human rights risk screenings and are regularly reviewed and updated to ensure best practice. We conduct due diligence on clients relating to human rights standards, and expect our clients to share our commitment to respecting human rights within their operations. In all sectors, we will not provide financial services to companies involved in harmful child labour or forced labour.

We also participate in projects with our peers through the Thun Group and UNEP FI to better understand and implement the human rights responsibilities of banks as defined by the UN Guiding Principles on Business and Human Rights. We have adopted and contributed to a number of internationally accepted codes, notably the Equator Principles and the UN Global Compact, which specifically address the management of human rights issues.

RBS welcomes new legislation – the Modern Slavery Act 2015 – to combat slavery and human trafficking. We are obliged to produce a public statement under this Act for the reporting year 2016, and we are identifying the steps necessary to ensure there is no modern slavery within our organisation and supply chain.

## Our areas of focus

### Support for enterprise

RBS and NatWest support more businesses in the UK than any other bank, but we are determined to do more to get behind the entrepreneurs and businesses that power the UK economy. One of the ways we're doing this is through our partnership with Entrepreneurial Spark, the free business accelerator programme. By the end of 2015 there were seven business accelerator hubs in Brighton, Birmingham, Bristol, Leeds, Glasgow, Edinburgh and Ayr and we will open six more around the UK by 2017. These hubs offer free workspace, hands-on mentoring, a start-up 'bootcamp' and a free programme of up to 18-months of advice, support and funding clinics for entrepreneurs and high growth businesses. 2015 also marked the successful conclusion of our Inspiring Enterprise initiative. In 2012 we began supporting and helping to fund organisations that work with young people, women and social enterprises to help them develop and progress their business ideas. By the end of the three year period, our support had directly contributed to the creation of 2,173 new businesses across the UK and we exceeded our initial targets by assisting 114,059 young people, 28,365 women and 5,349 social enterprises to develop their ideas and take their next steps on their enterprise journey.

### Financial capability

A cornerstone of our ambition to become No. 1 for customer service, trust and advocacy by 2020 is our commitment to help people manage their money better. This means supporting people's financial capability both day-to-day and through significant life events. One of our most established initiatives is MoneySense, which is one of the longest running financial education programmes for young people in the UK and Ireland. Over 60% of secondary schools were registered to use MoneySense in 2015, gaining access to a range of resources and interactive materials for teachers, staff volunteers and young people to help them get to grips with money and how to manage it. To celebrate the programme's 21st birthday, we re-launched MoneySense to open it up to primary schools for the first time and introduced new materials to make learning about money more real, relevant and fun for 5-18 year olds. The programme continues to empower young people to take control of their own financial journeys and build financial capability throughout their lives.

**Governance report**

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## Our Board

### Chairman

#### **Howard Davies (age 65)**

*Nationality:* British

*Date of appointment:* 14 July 2015 (Board),

1 September 2015 (Chairman)

*Experience:* Howard was Deputy Governor of the Bank of England from 1995 to 1997 and Chairman of the UK Financial Services Authority from 1997 to 2003. Howard was Director of the London School of Economics and Political Science from 2003 until May 2011. He is also Professor of Practice at the Paris Institute of Political Science (Sciences Po).

Howard recently chaired the UK Airports Commission and is also the author of several books on financial subjects.

### Executive directors

#### **Chief Executive**

#### **Ross McEwan (age 58)**

*Nationality:* New Zealand

*Date of appointment:* 1 October 2013

*Experience:* Ross became Chief Executive of The Royal Bank of Scotland Group in October 2013.

#### *External appointment(s):*

- Independent director of Prudential plc and chair of the Risk Committee
- Member of the Regulatory and Compliance Advisory Board of Millennium Management LLC
- Chair of the International Advisory Council of the China Securities Regulatory Commission
- Member of the International Advisory Council of the China Banking Regulatory Commission

#### *Committee membership(s):*

Group Nominations and Governance Committee (Chairman)

#### *External appointment(s):*

None

#### *Committee membership(s):*

- Executive Committee (Chairman)

Between August 2012 and September 2013, he was Chief Executive Officer for UK Retail, joining from Commonwealth Bank of Australia where he was Group Executive for Retail Banking Services for five years. Prior to this he was Executive General Manager with responsibility for the branch network, contact centres and third party mortgage brokers.

Ross has more than 25 years experience in the finance, insurance and investment industries. Prior to Commonwealth Bank of Australia, he was Managing Director of First NZ Capital Securities. He was also Chief Executive of National Mutual Life Association of Australasia Ltd/AXA New Zealand Ltd. Ross has an MBA from Harvard.

**Ewen Stevenson (age 49)**

*Nationality:* British/New Zealand

*Date of appointment:* 19 May 2014

Chief  
Financial  
Officer

External appointment(s):

None

*Experience:* Prior to his current role, Ewen was at Credit Suisse for 25 years where he was latterly co-Head of the EMEA Investment Banking Division and co-Head of the Global Financial Institutions Group. He has over 20 years of experience advising the banking sector while at Credit Suisse.

Committee membership(s):

· Executive Committee

Ewen has a Bachelor of Commerce and Administration majoring in Accountancy and a Bachelor of Law from Victoria University of Wellington, New Zealand.



**Our Board**

**Independent non-executive directors**

*External appointment(s):*

- President of the Cockburn Association

*Committee membership(s):*

- Group Performance and Remuneration Committee (Chairman)
- Group Audit Committee
- Group Nominations and Governance Committee
- GRG Board Oversight Committee

**Sandy Crombie (age 67)**

*Nationality:* British

*Date of appointment:* 1 June 2009

(Senior Independent Director)

*Experience:* Sandy spent his entire full-time career with Standard Life plc, retiring as group chief executive. An actuary, he has served his profession in a variety of roles and has also served as a director of the Association of British Insurers.

Sandy has had a variety of cultural and community roles, and was previously Chairman of Creative Scotland, Chairman of the Edinburgh World City of Literature Trust and vice Chairman of the Royal Conservatoire of Scotland.

**Alison Davis (age 54)**

*Nationality:* British/USA

*Date of appointment:* 1 August 2011

*Experience:* Previously, Alison served as a director of City National Bank, First Data Corporation and Xoom and as chair of the board of LECG Corporation. She has also worked at McKinsey & Company, AT Kearney, as Chief Financial Officer at Barclays Global Investors (now BlackRock) and as managing partner of Belvedere Capital, a private equity firm focused on buy-outs in the financial services sector.

*External appointment(s):*

- Non-executive director and member of the compensation committee of Unisys Corporation
- Non-executive director, chair of the compensation committee and member of the audit committee of Diamond Foods Inc.

- Non-executive director, and member of the audit committee of Fiserv Inc

- Non-executive director and chair of the audit committee of Ooma Inc.

- Member of Advisory Board of Strategic Global Advisors, LLP

*Committee membership(s):*

- Group Nominations and Governance Committee

- Group Performance and Remuneration Committee

- Sustainable Banking Committee

*External appointment(s):*

- Member of the Board of Directors of The Canadian Institute for Advanced Research

- Member of the Board of Directors of the Harvard Business School Club of Toronto

*Committee membership(s):*

- Group Audit Committee

**Morten Friis (age 63)**

*Nationality:* Norwegian

*Date of appointment:* 10 April 2014

*Experience:* Prior to joining the RBS Board, Morten had a 34 year financial services career and held various roles at Royal Bank of Canada and its subsidiaries including Associate Director at Orion Royal Bank, Vice President, Business Banking and Vice President, Financial Institutions. In 1997, he was appointed as Senior Vice President, Group Risk Management and served as the Chief Credit Officer then Chief Risk Officer from 2004 to 2014. He was also previously a Director of RBC Bank (USA), Westbury Life Insurance Company, RBC Life Insurance Company and of RBC Dexia Investor Services Trust Company.

- Board Risk Committee

- CIB Board Oversight Committee

## Our Board

### Independent non-executive directors

#### *External appointment(s):*

- Independent board director at Ashurst LLP
- Chairman of Council at the University of Durham
- Chairman of the Boat Race Company Limited
- Director of Social Finance Limited

#### **Robert Gillespie (age 60)**

*Nationality:* British

*Date of appointment:* 2 December 2013

*Experience:* Robert began his career with Price Waterhouse (now PricewaterhouseCoopers) where he qualified as a chartered accountant. He then moved into banking joining SG Warburg, specialising in corporate finance, and was appointed as Co-Head and Managing Director of its US investment banking business in 1989. Following the acquisition in 1995 of Warburg by Swiss Bank Corporation (which subsequently merged with UBS), he then held the roles of Head of UK Corporate Finance, Head of European Corporate Finance and Co-Head of its global business and CEO of the EMEA region. He relinquished his management roles at the end of 2005, and was appointed Vice Chairman of UBS Investment Bank. Robert left UBS to join Evercore Partners, from where he was seconded to the UK Panel on Takeovers and Mergers, as Director General, from 2010 to 2013.

#### *Committee membership(s):*

- Group Nominations and Governance Committee
- Group Performance and Remuneration Committee
- Board Risk Committee
- Sustainable Banking Committee
- CIB Board Oversight Committee (Chairman)
- GRG Board Oversight Committee

#### **Penny Hughes, CBE (age 56)**

*Nationality:* British

#### *External appointment(s):*

- Non-executive Chairman of The Gym

*Date of appointment:* 1 January 2010

*Experience:* Previously a non-executive director and chairman of the corporate compliance and responsibility committee of Wm Morrison Supermarkets plc, other former non-executive directorships include Skandinaviska Enskilda Banken AB, Home Retail Group plc, Vodafone Group plc, Reuters Group PLC, Cable & Wireless Worldwide plc and The Gap Inc. Penny spent the majority of her executive career at Coca-Cola where she held a number of leadership positions, latterly as President, Coca-Cola Great Britain and Ireland.

Group plc. Also chair of the nominations and member of the audit, risk and remuneration committees

- Non-executive director and member of the audit and nomination committees of SuperGroup plc

*Committee membership(s):*

- Sustainable Banking Committee (Chairman)
- Board Risk Committee
- GRG Board Oversight Committee

**Brendan Nelson (age 66)**

*Nationality:* British

*Date of appointment:* 1 April 2010

*Experience:* Brendan was global chairman, financial services for KPMG. He previously held senior leadership roles within KPMG including as a member of the KPMG UK board from 1999 to 2006 and as vice-chairman from 2006. Chairman of the Audit Committee of the Institute of Chartered Accountants of Scotland from 2005 to 2008. President of the Institute of Chartered Accountants of Scotland 2013/14.

*External appointment(s):*

- Non-executive director and chairman of the audit committee of BP plc
- Member of the Financial Reporting Review Panel

*Committee membership(s):*

- Group Audit Committee (Chairman)
- Group Nominations and Governance Committee
- Board Risk Committee

- GRG Board Oversight Committee (Chairman)
- CIB Board Oversight Committee

## Our Board

### Independent non-executive directors

#### **Baroness Noakes, DBE (age 66)**

*Nationality:* British

*Date of appointment:* 1 August 2011

*Experience:* An experienced director on UK listed company boards with extensive and varied political and public sector experience. A qualified chartered accountant, she previously headed KPMG's European and International Government practices and has been President of the Institute of Chartered Accountants in England and Wales. She was appointed to the House of Lords in 2000 and has served on the Conservative front bench in various roles including as shadow treasury minister between 2003 and May 2010. Previously held non-executive roles on the Court of the Bank of England, Hanson, ICI, Severn Trent, Carpetright, John Laing and SThree.

#### **Mike Rogers (age 51)**

*Nationality:* British

*Date of appointment:* 26 January 2016

*Experience:* Has extensive experience in retail banking and financial services. Mike joined Barclays in 1986 where he undertook a variety of roles in the UK and overseas across business banking, wealth management and retail banking. Mike was Managing Director of Small Business, Premier Banking and UK Retail Banking. Mike is currently Chief Executive of Liverpool Victoria Group, a role he was appointed to in 2006.

### Chief Governance Officer and Board Counsel

#### **Aileen Taylor (age 43)**

*Nationality:* British

*Date of appointment:* 1 May 2010

(Company Secretary)

*External appointment(s):*

- Deputy chairman, Ofcom

*Committee membership(s):*

- Board Risk Committee (Chairman)
- Group Audit Committee
- CIB Board Oversight Committee
- GRG Board Oversight Committee

*External appointment(s):*

- Chief executive, Liverpool Victoria Group
- Non-executive director of the Association of British Insurers.

*Committee membership(s):*

- Sustainable Banking Committee

Aileen is a fellow of the Chartered Institute of Bankers in Scotland and a member of the European Corporate Governance Council.

*Experience:* A qualified solicitor, Aileen joined RBS in 2000. She was appointed Deputy Group Secretary and Head of Group Secretariat in 2007, and prior to that held various legal, secretariat and risk roles including Head of External Risk (Retail), Head of Regulatory Risk (Retail Direct) and Head of Legal and Compliance (Direct Line Financial Services).

#### Executive Committee

The Board is supported by the Executive Committee comprising the executive directors and other senior executives. Details of the composition of the Executive Committee and biographies of its members can be found at [rbs.com>about us>corporate governance>ce and board>executive committee](http://rbs.com/about-us/corporate-governance/ce-and-board/executive-committee).



## **Corporate governance**

### **Chairman's introduction**

I am pleased to introduce the Corporate Governance report, my first since being appointed Chairman of the Board. A brief review of the principal issues addressed by the Board during the year is included in my Chairman's Statement on page 13. The following report provides an overview of key roles and responsibilities of the Board, and sets out in greater detail how the Board spent its time in 2015. Board effectiveness and performance evaluation are also covered, as well as an overview of how we communicate with shareholders.

I and my fellow directors are committed to observing high standards of corporate governance, integrity and professionalism. Our statement of compliance with the UK Corporate Governance Code (the Code) can be found on page 90.

Howard Davies, Chairman of the Board

### **The Board**

The Board has eleven directors comprising the Chairman, two executive directors and eight independent non-executive directors, one of whom is the Senior Independent Director.

Biographies for each director and details of which Board committees they are members of can be found on pages 43 to 46. The Board considers that the Chairman was independent on appointment and that all non-executive directors are independent for the purposes of the Code.

### **Board changes**

Philip Hampton stepped down from the Board on 31 August 2015.

Howard Davies was appointed as a non-executive director on 14 July 2015 and assumed the role of Chairman on 1 September 2015. Mike Rogers was appointed as a non-executive director and a member of the Sustainable Banking Committee on 26 January 2016.

## Roles and responsibilities

### The Board

The Board is collectively responsible for the long-term success of RBS and delivery of sustainable shareholder value. The Board's terms of reference include a formal schedule of matters specifically reserved for the Board's decision and are reviewed at least annually. The terms of reference are available at [rbs.com>about us](http://rbs.com/about-us).

### Chairman

The role of Chairman is distinct and separate from that of the Chief Executive and there is a clear division of responsibilities with the Chairman leading the Board and the Chief Executive managing RBS's business day to day.

The Chairman's key responsibilities are to:

- provide strong and effective leadership to the Board;
- ensure the Board is structured effectively, observes the highest standards of integrity and corporate governance, and sets the tone from the top in terms of culture and values;
- build an effective and complementary Board with an appropriate balance of skills and personalities, and as Chairman of the Group Nominations Committee consider succession planning for Board appointments;
- manage the business of the Board and set the agenda, style and tone of Board discussions to promote effective decision-making and constructive debate;
- facilitate the effective contribution and encourage active engagement by all members of the Board;
- in conjunction with the Chief Executive and Chief Governance Officer and Board Counsel, ensure that members of the Board receive accurate, timely and clear information, to enable the Board to lead RBS, take sound decisions and monitor effectively the performance of executive management;
- ensure that the performance of individual directors and of the Board as a whole and its committees is evaluated regularly; and
- ensure RBS maintains effective communication with shareholders and other stakeholders.

### Chief Executive

The Chief Executive has responsibility for all of RBS's business and acts in accordance with the authority delegated by the Board.

The Chief Executive's key responsibilities are to:

- exercise executive accountability for the RBS businesses delivering operational management and oversee the full range of activities of the customer businesses and functions;
- develop, drive and deliver the strategy approved by the Board;
- drive and deliver performance against financial plans, acting in accordance with authority delegated by the Board;
- consult regularly with the Chairman and Board on matters which may have a material impact on RBS;
- act as champion of the culture and values of RBS, creating an environment where employees are engaged and committed to good customer outcomes;
- lead, manage and develop RBS's senior leadership team, ensuring professional capability is developed and that succession coverage meets the needs of RBS;
- ensure RBS has effective frameworks and structures to identify, assess and mitigate risks; and
- in conjunction with the Chairman and Chief Governance Officer and Board Counsel, ensure the Board receives accurate, timely and clear information.

## Corporate governance

### Senior Independent Director

Sandy Crombie, as Senior Independent Director, acts as a sounding board for the Chairman and as an intermediary for other directors when necessary. He is also available to shareholders to discuss any concerns they may have, as appropriate.

### Non-executive directors

Along with the Chairman and executive directors, the non-executive directors are responsible for ensuring the Board fulfils its responsibilities under its terms of reference. The non-executive directors combine broad business and commercial experience with independent and objective judgement and they provide independent challenge to the executive directors and the leadership team. The balance between non-executive and executive directors enables the Board to provide clear and effective leadership across RBS's business activities.

The standard terms and conditions of appointment of non-executive directors are available on [rbs.com](http://rbs.com) or from RBS Corporate Governance and Secretariat.

### Board Committees

In order to provide effective oversight and leadership, the Board has established a number of Board committees with particular responsibilities. Please see page 34 of the Strategic Report for more details. The terms of reference are available on [rbs.com](http://rbs.com).

During 2015, two additional temporary committees were established to support the Board's oversight of Global Restructuring Group ('GRG') and CIB.

### Chief Governance Officer and Board Counsel

Aileen Taylor is the Chief Governance Officer and Board Counsel and is also the Company Secretary. Reporting directly to both the Chairman and the Chief Executive, she provides support and advice to the Board on a broad range of strategic and governance issues. She acts as a trusted advisor in the effective functioning of the Board, ensuring appropriate alignment and information flows between the Board and its committees, including the Executive Committee. As Board Counsel, she is responsible for delivery of commercial corporate governance support and

related legal advice to the Board and overseeing the provision of legal advice to the Board by the General Counsel.

The Chief Governance Officer and Board Counsel's key responsibilities include:

- advising on Board skills and composition including induction, ongoing training and professional development;
- executive responsibility for Chairman/non-executive director search and appointment process;
- delivery of a global corporate governance strategy across RBS;
- the provision of professional secretariat support to the Board and its committees; and
- leading on implementation of recommendations from the annual Board evaluation.

### **Conflicts of interests**

RBS has procedures in place to ensure that the Board's management of conflicts of interest and its powers for authorising certain conflicts are operating effectively. On appointment, each director is provided with RBS's guidelines for referring conflicts of interest to the Board. Each director is required to notify the Board of any actual or potential situational or transactional conflicts of interest and to update the Board with any changes to the facts and circumstances surrounding such conflicts.

Situational conflicts can be authorised by the Board in accordance with the Companies Act 2006 and the company's Articles of Association. The Board considers each request for authorisation on a case by case basis and has the power to impose conditions or limitations on any authorisation granted as part of the process.

Details of all directors' conflicts of interest are recorded in a register which is maintained by the Chief Governance Officer and Board Counsel and reviewed annually by the Board.

### **Board meetings**

In 2015, nine Board meetings were scheduled and individual attendance by directors at these meetings is shown in the table below.

In addition to the nine scheduled meetings, 25 additional meetings and committees of the Board were held, including meetings to consider and approve financial statements. The Chairman and the non-executive directors meet at least once per year without executive directors present.

Attended/

scheduled

Howard Davies (1)	4/4
Ross McEwan	9/9
Ewen Stevenson	9/9
Sandy Crombie	9/9
Alison Davis	9/9
Morten Friis	9/9
Robert Gillespie	9/9
Penny Hughes	9/9
Brendan Nelson	9/9
Baroness Noakes	9/9
Mike Rogers (2)	—
Former director Philip Hampton (3)	6/6

Notes:

- (1) Appointed to the Board on 14 July 2015.
- (2) Appointed to the Board on 26 January 2016.
- (3) Stepped down from the Board on 31 August 2015.

## Corporate governance

### Principal activities of the Board during 2015

In advance of each Board meeting, the directors are provided with comprehensive papers. During 2015 there has been an enhanced focus on organisational culture, including risk culture, and on continued enhancement of the risk appetite framework. These have been recurring themes underpinning Board discussions during the year. A revised approach to Board papers was adopted in 2015 in order to improve and enhance the quality, content and consistency of information presented to the Board which has been well received. An overview of the principal activities of the Board during 2015 is shown below.

#### Each meeting

- Chairman's report
- Chief Executive's report
- Chief Financial Officer's report including monthly results and update on capital, funding and liquidity
- Franchise updates
- Transactions update
- Risk report (including updates on conduct matters)
- Reports from Committee Chairmen
- Governance and Company Secretary's report (routine matters for approval/noting)

#### 1st Quarter

- Budget
- Executive director remuneration proposals
- Annual results and AGM notice
- Board and committee evaluations
- Internal Audit evaluation
- External Auditor evaluation
- ICB design
- Risk appetite framework
- Stress testing
- RBS contingency funding plan

#### 2nd Quarter

- Q1 results
- Risk culture
- Resolution plan
- Recovery plan
- Annual General Meeting preparations
- Citizens divestment
- Stress testing
- Internal Capital Adequacy Assessment Process
- Non-executive director's training proposals
- ICB update

- |  |   |
|--|---|
| · Restructuring update                     | · Digital update                              |
| · Employee survey results                  | · Technology update                           |
| · Litigation update                        | · Transformation Programme                    |
| · Technology update                        | · Board strategy offsite                      |
| · Transformation Programme                 | · Executive talent session                    |
| <b>3rd Quarter</b>                         | <b>4th Quarter</b>                            |
| · Interim results                          | · Q3 results                                  |
| · Individual Liquidity Adequacy Assessment | · 2016 budget and 2017-20 plan                |
| · Citizens divestment                      | · ICB update                                  |
| · Culture                                  | · CIB strategy review                         |
| · Executive talent session                 | · Dear Chairman Exercise II Feedback response |
| · Brand hierarchy                          | · Ulster Bank strategic review                |
| · Board evaluation update                  | · RBSI strategic review                       |
| · Stress testing                           | · Data and analytics session                  |
| · Williams & Glyn capital plan             | · Legal report                                |
| · Litigation update                        | · Technology update                           |
| · Technology update                        | · Board and committee external evaluation     |
| · Transformation Programme                 | · Pension funding                             |
| · Banking Standards Board session          | · Senior Manager Regime responsibilities map  |
| · Executive talent session                 | · Transformation Programme                    |
| · Board session with PRA                   | · Williams & Glyn Programme                   |

Executive Committee members attend part of each Board meeting to provide an update on the performance of each of the franchises and risk and conduct issues. Other relevant senior executives attend Board meetings to present reports to the Board as appropriate. This provides the Board with an opportunity to engage directly with management on key issues and supports the Board's succession planning activity.

## Board effectiveness

Skills and experience of the Board



The Board is structured to ensure that the directors provide RBS with the appropriate balance of skills, experience and knowledge as well as independence. Given the nature of RBS's businesses, experience of banking and financial services is clearly of benefit, and we have a number of directors with substantial experience in that area. The Board also benefits from directors with experience in other fields.

The table below illustrates the breadth of skills and experience on the Board.

- Retail Banking
- Other Financial Services
- Markets/Investment Banking
- Government & Regulatory
- Mergers & Acquisitions
- Corporate Restructuring
- Stakeholder Management
- Chief Executive experience
- Finance & Accountancy
- Risk
- Technology/Digital
- Operations
- Change Management
- Consumer Facing

Board committees also comprise directors with a variety of skills and experience so that no undue reliance is placed on any individual.

**Corporate governance**

## Induction and professional development

Each new director receives a formal induction on joining the Board, which is co-ordinated by the Chief Governance Officer and Board Counsel. This includes visits to RBS's major businesses and functions and meetings with directors and senior management. Meetings with external auditors, counsel and stakeholders are also arranged as appropriate. Each induction programme has a core element that the director is required to complete, with the remainder of the programme tailored to the new director's specific requirements. A list of example meetings arranged during an induction programme for a new director is set out below:

	Franchise Chief Executives
Chairman	Business visits (UK and overseas)
Chief Executive	Finance
Chief Financial Officer	Risk
Senior Independent Director	Internal Audit
Other non-executive directors	Tax
Chief Governance Officer and Board Counsel	Chief Human Resources
Chief Risk Officer	Officer
Chief Conduct & Regulatory Affairs Officer	Chief Administration
Chief Marketing Officer	Officer
RBS Treasurer	Investor Relations
RBS General Counsel	Strategy & Corporate
External Auditor	Development
External Counsel	Regulators
	Institutional Investors

The Chairman continues to progress his tailored and comprehensive induction programme, which includes all of the above, together with additional customer, employee, shareholder and governmental engagement sessions, to support the nature and scope of the Chairman's role.

The directors have access to a wide range of briefing and training sessions and other professional development opportunities. Internal training relevant to the business of RBS is also provided. Business visits are arranged as part of the Group Audit Committee and Board Risk Committee schedule (details of which can be found on pages 56 and 62) and all non-executive directors are invited to attend. Directors undertake the training they consider necessary to assist them in carrying out their duties and responsibilities as directors.

During 2015, the directors received updates on a range of subjects to enhance their knowledge, including:

- ICB/ring-fencing.
- Client Money and Asset rules.
- Senior Managers' Regime.
- Cyber security.
- The Banking Standards Board.
- Digital technology.
- PRA consultation on board responsibilities.
- PRA policy statement on the implementation of ring-fencing.
- EBA consultation on guidelines on sound remuneration policies.
- FRC discussion paper on UK board succession planning.
- New RBS leadership programme.
- Davies Report on gender balance on British boards.
- EU Market Abuse Regulations.
- The Investment Association Principles of Remuneration 2015.
- Institutional and Shareholder Services UK & Ireland Proxy Voting Guidelines.
- EBA report on the use of Role Based Allowances.
- European Commission consultation on the impact of the bonus cap, October 2015.

Pensions.

PRA/FCA Report into the failure of HBOS plc and report by Andrew Green QC assessing the FSA's enforcement actions in relation to the failure of HBOS plc.

The Chief Governance Officer and Board Counsel maintains continuing professional development logs. These are reviewed regularly between the Chairman and each director individually, to assist in identifying future training and development opportunities that are specific to the individual director's requirements.

Information

All directors receive accurate, timely and clear information on all relevant matters and have access to the advice and services of the Chief Governance Officer and Board Counsel. In addition, all directors are able, if necessary, to obtain independent professional advice at the company's expense.

Time commitment

It is anticipated that non-executive directors will allocate sufficient time to RBS to discharge their responsibilities effectively and will devote such time as is necessary to fulfil their role. Directors have been briefed on the limits on the number of other directorships that they can hold under the requirements of the fourth Capital Requirements Directive (CRD IV). Each director is required to seek the agreement of the Chairman before accepting additional commitments that might affect the time the director is able to devote to his or her role as a non-executive director of RBS. The Board monitors the other commitments of the Chairman and directors and is satisfied that they are able to allocate sufficient time to enable them to discharge their duties and responsibilities effectively. The time commitment currently required of our non-executive directors continues to be significant.

**Election and re-election of directors**

In accordance with the provisions of the Code, all directors stand for election or re-election by shareholders at the company's Annual General Meeting. In accordance with the UK Listing Rules, the election or re-election of independent directors also requires approval by a majority of independent shareholders.

## Corporate governance

### Performance evaluation

In accordance with the Code, an external evaluation of the Board takes place every three years. An internal evaluation takes place in the intervening years.

The 2013 and 2014 evaluations were conducted internally by the Chief Governance Officer and Board Counsel. In 2014, an evaluation of the Board's effectiveness was also carried out by the PRA. Following the 2014 evaluations, a number of initiatives were implemented, aimed at improving the overall performance and effectiveness of the Board. These included improving the quality and volume of information provided to the Board, ensuring sufficient time on Board agendas for customer matters and RBS's priorities, enhancing the professional development provided to directors and a focus on succession planning. Work continues to address these topics and will be kept under regular review as a matter of good practice.

In 2015, the Board and committee evaluation process was externally facilitated by Condign Board Consulting Limited, a specialist board evaluation consultancy which was selected following a competitive tender process. The Board is satisfied that Condign has no other connection with RBS.

#### Performance evaluation process

The external facilitator undertook a formal and rigorous evaluation by:

- using a tailored discussion guide to structure individual meetings held with each director, as well as the Chief Governance Officer and Board Counsel, the Chief Risk Officer and the Chief Conduct & Regulatory Affairs Officer;
- discussing outcomes and recommendations with the Chairman and Chief Governance Officer and Board Counsel;
- and
- outlining outcomes and suggesting areas for improvement through a written report and oral presentation to the Board.

Amongst the areas reviewed were Board dynamics, culture and engagement; Board and committee meetings and processes (including information quality and flows and the balance between Board and committee agendas); Board and committee composition and structuring, external relationships with regulators, shareholders and stakeholders; and overall Board effectiveness.

## Outcomes of the 2015 performance evaluation

The 2015 performance evaluation concluded that the Board was strong and operated effectively and within its terms of reference.

Key strengths identified included the following:

- the Board was exceptionally hard-working, engaged, and appropriately composed throughout the year;
- the group dynamic between Board members was good and on the whole members continued to work well together, creating effective challenge, considerable debate and detailed oversight; and
- the Board's committees also operated effectively within their terms of reference throughout the year providing a great deal of support to the Board.

A summary of the key themes arising from the 2015 performance evaluation is set out below, together with an overview of the key actions proposed:

### **Key themes**

#### Board resourcing and succession planning

The need to plan for rotation in the Board's membership was highlighted, as a number of directors reach or exceed the six year point in their tenure. The review highlighted the importance of regularly reviewing Board and Board Committee composition, according to business and staffing needs, with scope also identified to streamline Nominations Committee processes.

#### Agenda planning

The evaluation highlighted the continuing need to ensure the right preparations take place before a paper reaches the Board. It also highlighted the challenge of achieving an appropriate balance between Board and Committee agendas to ensure the best use of directors' time and to support effective decision-making.

#### Tone from the top and ensuring Board/executive alignment

The evaluation also acknowledged the continuing importance of the Board's role in developing the appropriate performance and behavioural culture which is shared with the organisation, and ensuring appropriate alignment between the Board and the executive as remediation issues reduce and the forward agenda develops.

## **Proposed actions**

The full performance evaluation report set out a series of recommendations which have been carefully considered by the Board. An action plan has been agreed to progress these recommendations, as appropriate, during 2016. Key actions include:

Creation of a Nominations and Governance Committee, adding a governance oversight function, and streamlining processes and membership.

In January 2016 the Board approved proposals to establish a Nominations and Governance Committee. The committee report on page 53 contains more detail on the remit of the new Committee and areas of focus for 2016.

- A focused review of Board and committee agendas and their supporting information and processes.

The priorities for this exercise are to minimise duplication, optimise the use of directors' time, and to engage directors' insights and experience fully. This in turn will allow sufficient space for focus on RBS's onward priorities, particularly its customers.

A number of actions to improve alignment between the board and executives which were identified in light of the review's findings, and will be progressed during 2016 to ensure a consistent 'tone from the top'.

## **Corporate governance**

These actions include undertaking post-decision reviews to pinpoint learnings for future Board development and continuing to ensure appropriate Board involvement in executive succession planning. The forward agenda planner will also be discussed bi-annually to ensure that business needs, the Board's expectations and executive support are aligned.

### **Individual director and Chairman effectiveness reviews**

The Chairman met with each director individually to discuss their own performance and ongoing professional development and also shared peer feedback provided as part of the evaluation process. Separately, the Senior Independent Director sought feedback on the Chairman's performance from the non-executive, executive directors and key external stakeholders and discussed it with the Chairman.

## **Relations with investors**

The Chairman is responsible for ensuring effective communication with shareholders. The company communicates with shareholders through the Annual Report and Accounts and by providing information in advance of the Annual General Meeting. Individual shareholders can raise matters relating to their shareholdings and the business of RBS at any time throughout the year by letter, telephone or email via [rbs.com/ir](http://rbs.com/ir).

Shareholders are given the opportunity to ask questions at the Annual General Meeting and any General Meetings held or can submit written questions in advance. The Senior Independent Director and the chairmen of the Board committees are available to answer questions at the Annual General Meeting.

Communication with the company's largest institutional shareholders is undertaken as part of the Investor Relations programme:

- the Chief Executive and Chief Financial Officer meet regularly with UKFI, the organisation set up to manage the Government's investments in financial institutions, to discuss the strategy and financial performance of the business. The Chief Executive and Chief Financial Officer also undertake an extensive annual programme of meetings with the



company's largest institutional shareholders;

the Chairman independently meets with RBS's largest institutional shareholders annually to hear their feedback on management, strategy, business performance and corporate governance. Additionally, the Chairman, Senior Independent Director and chairmen of the Board committees met with the governance representatives of a number of institutional shareholders during the year;

the Senior Independent Director is available if any shareholder has concerns that they feel are not being addressed through the normal channels; and

the Chairman of the Group Performance and Remuneration Committee consults extensively with major shareholders in respect of the Group's remuneration policy.

Throughout the year, the Chairman, Chief Executive, Chief Financial Officer and Chairman of the Group Performance and Remuneration Committee communicate shareholder feedback to the Board. The directors also receive reports reviewing share price movements and performance against the sector. Detailed market and shareholder feedback is provided to the Board after major public announcements such as a results release. The arrangements in place are to ensure that directors develop an understanding of the views of major shareholders and that these are considered as part of the annual Board evaluation.

The Investor Relations programme also includes communications aimed specifically at its fixed income (debt) investors. The Chief Financial Officer and/or the RBS Treasurer give regular presentations to fixed income investors to discuss strategy and financial performance. There is also a separate section on the RBS website for fixed income investors which includes information on credit ratings, securitisation programmes and securities documentation. Further information is available at [rbs.com/ir](http://rbs.com/ir).

## **Report of the Group Nominations Committee**

### **Letter from Howard Davies**

#### **Chairman of the Group Nominations Committee**

Dear Shareholder,

As Chairman of the Board and Chairman of the Group Nominations Committee I am pleased to present our report on the committee's activity during 2015.

#### **Role and responsibilities**

The Group Nominations Committee reviews the structure, size and composition of the Board, and membership and chairmanship of Board Committees. The Committee engages with external consultants, considers potential candidates and recommends appointments of new directors to the Board. The terms of reference of the Group Nominations Committee are reviewed annually, approved by the Board and are available at [rbs.com](http://rbs.com).

#### **Principal activity during 2015**

In 2015, discussions principally focused on the Chairman search and the search for new non-executive directors. The Committee also continued to monitor succession planning taking into account business requirements and industry developments.

#### **Membership and meetings**

All non-executive directors are members of the Group Nominations Committee which is chaired by the Chairman of the Board. The Chief Executive and the Chief Financial Officer are invited to attend meetings.

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The Group Nominations Committee holds at least two scheduled meetings per year, and also meets on an ad hoc basis as required. In 2015, there were four Group Nominations Committee meetings, three of which were chaired by Philip Hampton, and individual attendance by directors at these meetings is shown in the table below. In addition a number of ad hoc meetings were held to discuss Chairman succession prior to my appointment.

	Attended/ scheduled
Howard Davies (Chairman) (1)	2/2
Sandy Crombie	4/4
Alison Davis	4/4
Morten Friis	4/4
Robert Gillespie	4/4
Penny Hughes	4/4
Brendan Nelson	4/4
Baroness Noakes	4/4
Mike Rogers (2)	—
Former member Philip Hampton (3)	3/3

Notes:

- (1) Appointed to the Committee on 14 July 2015.
- (2) Joined the Committee on 26 January 2016.
- (3) Stepped down from the Committee on 31 August 2015.

### Chairman search

In September 2014, it was announced that Philip Hampton would step down as Chairman in 2015 and Egon Zehnder International (EZ) was engaged to support the search process for his successor. EZ does not provide services to any other part of RBS. On 26 February 2015, it was announced that I would be appointed as Chairman with effect from 1 September 2015, and I joined the Board as a non-executive director on 14 July 2015.

### Consideration of new non-executive directors

EZ has continued to support the search for new non-executive directors during 2015 and to support the future Board succession planning. The Committee has considered the skills and experience required to complement the Board and these have been incorporated into the search process.

During 2015, the Committee considered a number of potential candidates and in December it was announced that Mike Rogers would join the Board as a non-executive director with effect from 26 January 2016. Mike's extensive experience of retail banking and financial services will strengthen the Board.

In December 2015, following a rigorous tender process, JCA Group was appointed to support the search for further non-executive directors in future and the EZ engagement will come to an end. JCA Group does not provide search services to any other part of RBS.

Tenure of non-executive directors

The chart below sets out the tenure of non-executive directors.

Board and Committee membership

My appointment as successor to Philip Hampton aside, there have been no other material changes made to the Board or its Committee membership during 2015. As previously mentioned Mike Rogers joined the Board and was appointed to the Sustainable Banking Committee in January 2016.

During 2015, two temporary Board oversight committees were formed in relation to CIB and the bank's Global Restructuring Group (GRG).

The CIB Board Oversight Committee first met in March 2015 to oversee the strategic change programme for the Bank's CIB business, including monitoring execution risk and external stakeholder management. Robert Gillespie chairs the Committee. Morten Friis, Brendan Nelson and Baroness Noakes are members. It is anticipated that the Committee will be stood down in the first half of 2016.

The GRG Board Oversight Committee first met in May 2015 to provide oversight in relation to matters related to GRG including the Group's response to the FCA's Section 166 Review.

## Report of the Group Nominations Committee

Brendan Nelson chairs the Committee. Sandy Crombie, Robert Gillespie, Penny Hughes and Baroness Noakes are members. It is anticipated that this Committee will be stood down once the FCA has confirmed the outcome of its Section 166 Review.

Following my appointment as Chairman and the output of the Board Evaluation, I intend to lead a review of the Board Committee membership during 2016.

### Performance evaluation

The 2015 performance evaluation was independently facilitated by Condign Board Consulting Limited, a specialist board evaluation consultancy. The Committee has considered and discussed the outcomes of this evaluation.

Overall the evaluation concluded that the Group Nominations Committee continued to operate effectively although some areas for potential improvement were identified.

A summary of the key themes arising from the evaluation is set out below together with an overview of the key actions proposed:

### Key themes

- consideration should be given to expanding the Committee's remit to include a governance oversight function;

the search and nomination process for new non-executive directors should be reviewed and further streamlined as appropriate;

non-executive director recruitment remains challenging for a number of reasons, including the significant time commitment expected of RBS non-executive directors;

Group Nominations Committee membership should be reviewed, as part of a wider review of Board Committee composition; and

succession planning should receive particular focus in the next few years, as a number of non-executive directors reach or exceed the six year point in their tenure.

## Key Actions

In January 2016, the Board approved proposals to expand the Committee's remit, adding a governance oversight function and changing its name to the Nominations and Governance Committee.

Areas of focus for the Committee during 2016 will include the key themes identified during the external evaluation process, as set out above.

The review included a small number of general recommendations which are relevant for both the Board and its senior committees. Key themes and actions arising from these general recommendations are set out in the Board report on pages 51 and 52 and will be considered, and addressed as appropriate, at Board level.

The review also recommended that all Committee chairmen should ensure continued focus on agenda planning and streamlined reporting to the Board, which will also be a priority for the Group Nominations and Governance Committee during 2016.

The outcomes of the evaluation have been reported to the Board and the Committee will track progress on its 2016 priorities during the year.

On 26 January 2016, the Board approved changes to the remit of the Group Nominations Committee which now includes responsibility for monitoring the Group's governance arrangements, in order to ensure best corporate governance standards and practices are upheld.

As part of this extended remit, the Committee will consider developments relating to banking reform and analogous issues affecting the Group in the markets where it operates, and will make recommendations to the Group Board on any consequential changes to the Group's governance model. In order to reflect the revised remit, the Group Nominations Committee has been renamed as the Group Nominations and Governance Committee. The Board also approved changes to the composition of the Committee, effective as at 26 January 2016. I continue in my role as chairman of the Committee with membership now comprising Sandy Crombie, Alison Davis, Robert Gillespie and Brendan Nelson. The Group Nominations and Governance Committee held its first meeting in February 2016.

## Boardroom diversity

The Board currently exceeds the target of 25 per cent female board representation as set out in Lord Davies' 2011 report on women on Boards. We also acknowledge the additional recommendations that have recently been published

and await with interest the next steps to be taken in this regard.

The chart below details the gender diversity of the Board.

The Board operates a boardroom diversity policy and a copy of the Board's diversity statement is available on [rbs.com>about us](http://rbs.com/about-us).

RBS understands the importance of diversity and, with regard to gender diversity, recognises the importance of women having greater representation at key decision making points in organisations. The search for Board candidates will continue to be conducted, and nominations/appointments made, with due regard to the benefits of diversity on the Board. However, all appointments to the Board are ultimately based on merit, measured against objective criteria, and the skills and experience the individual can bring to the Board.

The balance of skills, experience, independence, knowledge and diversity on the Board, and how the Board operates together as a unit is reviewed annually as part of the Board evaluation. Where appropriate, findings from the evaluation will be considered in the search, nomination and appointment process. If appropriate, additional targets on diversity will be developed in due course.

Further details on RBS's approach to diversity can be found on page 95.

Howard Davies

Chairman of the Group Nominations Committee

25 February 2016

## Report of the Group Audit Committee

Letter from Brendan Nelson,

Chairman of the Group Audit Committee

Dear Shareholder,

2015 has been another significant year for the bank as it progresses on its journey to becoming number one for customer service, trust and advocacy. I am pleased to report that the Group Audit Committee has supported the bank in its ambitions and has carried out its responsibilities effectively in the period, as confirmed by the annual effectiveness review. A fuller summary of the outcomes of that review, and a description of the activity of the Committee during the year, is set out in the report that follows.

### Accounting and financial reporting

A key role of the Group Audit Committee is to satisfy itself that the accounting policies, risks and significant management judgements which underpin the bank's financial disclosures are reasonable and transparent. During 2015, the Committee reviewed and challenged management on material judgements, in particular those relating to accounting for provision for litigation and regulatory investigations and the treatment of committed pension obligations in light of accounting developments during 2015. Other key matters debated included: loan impairments; valuation of financial instruments; conduct provisions, including Payment Protection Insurance; goodwill; and deferred taxation. The Committee received independent views from the external auditor on these topics and was satisfied that the accounting judgements applied were appropriate.

Following consideration of these matters ahead of the 2015 results, it was determined that a public announcement was appropriate and the Group Audit Committee recommended that the Board release a trading statement to the market on 27 January 2016. The Committee also supported the proposal to change the bank's reporting segments based on the six segments within the bank's three core franchises, plus Capital Resolution and Williams & Glyn. This re-segmentation reflects the manner in which the bank is now managed.



As part of our overall assessment of the Annual Report and Accounts, we assisted the Board in determining that the disclosures taken as a whole were fair, balanced and understandable, and provided the information necessary for shareholders to assess RBS's position and performance, business model and strategy.

### **Systems of internal control**

In line with the requirements of the Code and related FRC Guidance on Risk Management, Internal Control and Related Financial & Business Reporting, the Committee has reviewed and reported to the Board on the effectiveness of RBS's internal controls. While there has been increased focus and attention during 2015 from management on addressing and closing identified deficiencies, some known issues continued to impact internal controls during 2015 as set out in the report that follows. Timely and sustainable remediation will remain a focus of the Committee in 2016.

While it is clear that execution of the bank's simplification strategy will deliver benefits, the transformation programme is unprecedented in scale and the Committee has monitored the impact of such significant change upon the control environment of the organisation during the year. The Committee has reviewed reports from Internal Audit assessing progress of the bank's major change programmes and where appropriate has challenged management regarding the associated impact on controls.

Embedding robust controls, driving the correct risk behaviours and ensuring the effectiveness of the three lines of defence remains a work in progress across RBS and, in conjunction with the Board Risk Committee, will continue to be priority areas for the Group Audit Committee during 2016.

### **External audit**

While Deloitte continued as RBS's external auditor throughout 2015, we supervised the transition period of the new auditors, Ernst & Young LLP (EY), who were selected in 2014 following a competitive tender process. The Committee reviewed the processes followed to ensure EY's independence and extended our policy on non-audit services to the firm to ensure that there was no impact on the audit service or EY's independence. EY shadowed the audit process in 2015 and I am confident that they will be well-positioned and appropriately informed to commence as the external auditor in 2016.

I would like to thank Deloitte for their work as auditor of RBS and its subsidiaries over the past 16 years and for their professionalism in securing an orderly handover to EY.

### **Key priorities for 2016**

2016 is set to be no less challenging for the bank and the Committee will continue to balance support to management with independent oversight and challenge. Focus will be placed on maintaining appropriate oversight over financial reporting, preparedness for accounting and regulatory changes including IFRS 9, monitoring systems of control and ongoing remediation programmes through a period of continued change and embedding the correct culture and behaviours across the bank.

More detailed information on the topics considered are set out in the report that follows. This demonstrates the breadth and scale of the matters considered and I would like to thank my fellow members for their continued support and focus during 2015.

Brendan Nelson

Chairman of the Group Audit Committee

25 February 2016

## Report of the Group Audit Committee

### Report of the Group Audit Committee

#### Membership

The Group Audit Committee (GAC) is comprised of the following four independent non-executive directors.

	Attended/ scheduled
Brendan Nelson (Chairman)	7/7
Sandy Crombie	7/7
Morten Friis	7/7
Baroness Noakes	7/7

Brendan Nelson, Morten Friis and Baroness Noakes are also members of the Board Risk Committee. Sandy Crombie is Chairman of the Group Performance and Remuneration Committee. This common membership helps facilitate effective governance across all finance and risk issues, including compensation decisions, and that agendas are aligned and overlap of responsibilities is avoided where possible.

The members of GAC are selected with a view to the expertise and experience of the Committee as a whole and with proper regard for the key issues and challenges facing RBS.

The Board is satisfied that all GAC members have recent and relevant financial experience and that each member of the Committee is independent as defined in the SEC rules under the US Securities Exchange Act of 1934 (the “Exchange Act”) and related guidance. The Board has further determined that Brendan Nelson, Committee Chairman, and Baroness Noakes are both ‘financial experts’ for the purposes of compliance with the Exchange Act Rules and the requirements of the New York Stock Exchange. Full biographical details of GAC members are set out on pages 43 to 46.

Meetings were attended by the Chief Executive and Chief Financial Officer; the Group Chairman; the Internal and External Auditors; and Finance, Legal and Risk Management executives. Other executives, subject matter experts and external advisers were also invited to attend, as required, to present and advise on reports commissioned by the Committee. The Committee also met privately with the external auditors and separately with Internal Audit management.

### Purpose of the Group Audit Committee

The Committee's responsibilities are set out in more detail in its terms of reference which are reviewed annually by the Committee and approved by the Board. These are available on the Bank's website: [rbs.com](http://rbs.com).

### Meetings and visits

The Committee held seven scheduled meetings during 2015, four of which were held immediately prior to the submission of the quarterly financial statements to the Board. The Committee also convened three ad hoc meetings to consider the outputs and required affirmations relating to the annual external audit of benchmark interest rate submissions, to finalise the H1 company announcement prior to publication and the selection and approval of the external auditor for Williams & Glyn.

During 2015, in conjunction with members of the Board Risk Committee, members of the Committee took part in an annual programme of visits to businesses and control functions in order to gain a deeper understanding of the risks and issues they face. This value-adding programme included two visits to Risk; C&RA and Internal Audit plus visits to: PBB; CPB; CIB; Services; Finance; and Restructuring.

In October 2015, the Committee, in conjunction with the Board Risk Committee, undertook a visit to India which has over 14,000 staff and contractors engaged in significant back office activities. During the week-long trip the Committee spent time in both Delhi and Chennai meeting with local management teams to discuss key risk and control matters in the country. Specific sessions were held with the following local teams: Internal and External Audit, Finance functions, Risk infrastructure, Services and Technology.

Allocation of Group Audit Committee agenda time:

### Performance evaluation

The annual review of the effectiveness of the Board and its senior Committees, including the Group Audit Committee, was conducted by Condign Board Consulting Limited, an external consultant, in 2015. The Committee has considered and discussed the outcomes of this evaluation. Overall the review concluded that the Group Audit Committee continued to operate effectively.

A small number of general recommendations which are relevant for both the Board and its senior committees were made. Key themes and actions arising from these general recommendations are set out in the Board report on pages 51 and 52 and will be considered, and addressed as appropriate, at Board level.

The Committee also tracked progress on the implementation of the recommendations from the 2014 Committee effectiveness evaluation during the year to ensure successful delivery.

## Report of the Group Audit Committee

### Matters considered by the Committee in 2015

<b>Key area</b>	<b>Matters considered and action taken by the GAC</b>
<b>Accounting and financial reporting</b>	
Accounting judgments and reporting issues considered in the preparation of financial reports	<p>The Group Audit Committee focused on a number of salient judgements and reporting issues in the preparation of the 2015 accounts, in particular, the Committee considered:</p> <ul style="list-style-type: none"><li>· the capital impact and accounting treatment of committed pension obligations in light of accounting developments during 2015, including the issue of exposure draft amendments to IFRIC 14. In light of these changes, the Committee supported the decision to amend the accounting policy for pensions and to apply this retrospectively leading to the recognition of an additional liability in the 2015 year end accounts in relation to committed future pension payments;</li><li>· provision and disclosure for ongoing regulatory and litigation actions: including foreign exchange trading; retail mortgage backed securities litigation in the US; UK shareholder actions; and Payment Protection Insurance (PPI). Following discussion, the Committee was satisfied that it would be appropriate to take further incremental provisions against both retail mortgage backed securities litigation and PPI in the 2015 year end accounts;</li><li>· the going concern basis of accounting including considering evidence in relation to RBS's capital, liquidity and funding position. The Committee supported the directors' going concern conclusion. Further information is set out on page 96;</li><li>· the adequacy of loan impairment provisions, focusing in particular on judgements and methodology applied to provisions. The Committee was satisfied that the overall loan impairment provisions and underlying assumptions and methodologies were reasonable and applied consistently;</li><li>· valuation methodologies and assumptions for financial instruments carried at fair value including RBS's credit market exposures and own liabilities assessed at fair value;</li><li>· the level of goodwill and other intangible assets to be carried. Following discussion and based on year end testing, the Committee supported recognition of an impairment in goodwill attributed to Private Banking driven primarily by weaker forecast future profitability for Private Banking;</li><li>· the judgements that had been made by management in assessing the recoverability of deferred tax assets, in light of continued execution of the bank's strategy and changes to the UK corporate tax system;</li><li>· the assessment by management of the adequacy of internal controls over financial reporting, and assessment of identified deficiencies. Weaknesses had been identified in user access controls</li></ul>

relating to certain IT applications within the bank; the Committee monitored remediation plans to address the issue; and

- the quality and transparency of financial and risk disclosures contained within the Annual Report and Accounts.

The Committee recommended the quarterly and interim results announcements and the Annual Report and Accounts to the Board for approval. Consideration was given to the comprehensive review process that supports both the Group Audit Committee and ultimately the Board in reaching the conclusion that the disclosures taken as a whole were fair, balanced and understandable and provided the information necessary for shareholders to assess the company's position and performance, business model and strategy. The review process included: central co-ordination of the Annual Report and Accounts by the Director of Finance with guidance on requirements being provided to individual contributors; review of the Annual Report and Accounts by the Executive Disclosure Committee prior to consideration by the Audit Committee; and a management certification process which required members of the Executive Committee and other senior executives to provide confirmation following their review of the Annual Report and Accounts that they considered them to be fair, balanced and understandable. This process was also undertaken in respect of the half year and quarterly results announcements. In addition, the External Auditor considered the Board's statement as part of its audit requirements.

**Report of the Group Audit Committee**

<b>Key area</b>	<b>Matters considered and action taken by the GAC</b>
<p><b>Systems of internal control</b></p> <p>FRC Guidance on Risk Management, Internal Control and Related Financial &amp; Business Reporting</p>	<p>The Committee reviewed the effectiveness of RBS's internal controls at both Group-wide and business/functional levels. This was undertaken via scrutiny of the first line of defence's actions and plans in respect of internal controls and consideration of reports from the second and third lines of defence.</p> <p>Detailed consideration was also given to disclosure contained within the Annual Report and Accounts concerning relevant internal control matters. The Committee considered the outputs of bi-annual self-assessments of the robustness of the internal control environment for the bank's customer-facing businesses, and customer support and control functions.</p>
<p>Control Environment Certification</p>	<p>In conjunction with the Board Risk Committee, the Committee also continued to monitor the remediation of the Markets Control Environment to address some of the deficiencies as set out in the report of the Board Risk Committee report. The Committee received separate reports from management on progress in this area.</p>
<p>Three Lines of Defence</p>	<p>Reports on the work underway to fully embed the three lines of defence model within the organisation were considered by the Committee. Particular attention was given to the articulation of responsibilities and accountabilities of the first and second lines of defence. This will remain a focus of the Committee in 2016.</p>
<p>Credit Risk Assurance</p>	<p>The Committee received quarterly updates on risk assurance activities and monitored the deliverables of the credit risk assurance team.</p>
<p>Whistleblowing</p>	<p>The Committee received updates on whistleblowing activity including reports on incidents reported and investigated. It monitored the development by C&amp;RA of an enhanced whistleblowing regime for employees, including the outputs of a benchmarking exercise.</p>
<p>Ledger Transformation Programme</p>	<p>The Committee considered the plan and approach to align data for Risk, Finance, and Treasury, under the Ledger Transformation Programme. Key dependencies and risks to delivery were debated and oversight of the programme will remain a key focus of the Committee in 2016.</p>
<p>Coutts Control Remediation Programme</p>	<p>The Committee monitored progress of the Coutts Control Remediation Programme, established to drive improvements to the control environment in Private Banking; progress was made on the delivery of the end-to-end credit process.</p>
<p>Taxation</p>	<p>The Committee reviewed the bank's tax position and the tax audits being conducted across various jurisdictions including an in-depth session on tax compliance in October 2015.</p>
<p>Litigation and Regulation</p>	



	<p>The Committee considered regular reports on material litigation and regulatory investigations and on the work of the Sensitive Investigations Unit.</p>
Notifiable Event Process	<p>The Committee received bi-annual reports on the bank's notifiable event process. Each Board member was alerted to each major event.</p>
Fraud	<p>In line with the Committee's terms of reference, consideration was given to management's processes for identifying and responding to the risk of fraud. The Committee considered RBS's compliance with the requirements of the Sarbanes-Oxley Act of 2002, and was satisfied in this respect. Deficiencies were identified in the review processes over user-access to certain IT applications within the bank; these deficiencies did not lead to the identification of any errors in the financial statements. Action is being taken by Management to improve these processes.</p>
Sarbanes-Oxley Act of 2002	

## Report of the Group Audit Committee

### Internal audit

Reports and Opinions	The Committee received quarterly reports and opinions from Internal Audit throughout 2015 on the overall effectiveness of the governance, risk management and internal control framework, its control environment ratings, details of emerging and iterative issues and the adequacy of remediation activity. Reports also included assessments of the bank's management control approach (being a measure of how management ensures that risks are understood, assessed and mitigated in a transparent and efficient manner). The Committee requested an additional report from Internal Audit on matters which could potentially cause the bank's overall control environment rating to deteriorate.
Annual Plan	A refreshed audit plan for 2015 was approved in H2 following the bank's extensive strategic changes to ensure appropriate focus on the highest risks and change initiatives. The Committee considered and approved Internal Audit's plan for 2016. The Committee also challenged resourcing levels for the revised plan and approved budget and resource for 2016.
Internal Audit Charter	Minor changes to Internal Audit's charter were approved by the Committee and it confirmed the independence of Internal Audit.
Visits	During two visits to Internal Audit in 2015, the Committee reviewed resourcing and recruitment, strategy and internal quality assurance.
Chief Audit Executive	The Chief Audit Executive continued to report to the Chairman of the Audit Committee, with a secondary reporting line to the Chief Executive for administrative purposes. The Committee assessed the annual performance (including risk performance) of the Chief Audit Executive.
Evaluation	The Committee received regular updates on the actions taken by Internal Audit following the external review by EY the previous year. The annual review of effectiveness of Internal Audit was undertaken internally in 2015. The evaluation concluded that Internal Audit had operated effectively during the year. Certain recommendations were made to enhance particular practices within the function. These will be implemented during 2016, with progress tracked by the Committee.

### Relationship with regulators

Regulatory investigations and enforcements	The Committee received regular reports on the status of ongoing regulatory investigations and the progress of mandatory and remediation projects. It challenged the management of individual business areas and functions on their ability to meet regulatory expectations and the level of resource required to do so.
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### External audit

External audit summary reports	Considered reports from the External Auditor on its observations and conclusions from the year-end audit and half-year review of RBSG plc, RBS plc and NatWest Plc, work in connection with the first and third quarter financial results and any recommendations for enhancements to RBS's reporting and controls.
Audit Agreement and Plan and fees	Approval of Deloitte's 2015 Audit Agreement, audit engagement plan and 2015 audit fees including its fee for the review of the 2015 interim results, as authorised by shareholders at the Annual General Meeting.
Williams & Glyn	The Committee approved the appointment of both an auditor and a reporting accountant for Williams & Glyn.

Annual Evaluation	The Committee conducted an internal evaluation to assess the independence and objectivity of the External Auditor during 2015 and the effectiveness of the audit process including seeking the views of Committee members and attendees and other key members of management. Regard was had to: experience of the audit engagement team; scope of audit work planned and executed; standards of communication and reporting; quality of insights on the internal control environment; and independence.
Transition of auditors	The Committee made recommendations to the Board on the transition of external auditors and appointment of EY with effect for the financial year ending 31 December 2016. The Committee supervised the transition of the external auditor from Deloitte to EY during 2015 and reviewed EY's initial Audit engagement plan for 2016. EY achieved the requisite independence from RBS in June 2015. The Board will recommend the appointment of EY as external auditor to shareholders for approval at the Annual General Meeting.

## Report of the Group Audit Committee

### Audit and non-audit services

Non-audit services policy To help safeguard the objectivity and independence of the external auditor, the Committee maintains a policy that sets out the circumstances in which the external auditor is permitted to supply audit and non-audit services. The policy is reviewed annually and audit services and permitted non-audit services are approved in advance. As mentioned above, since the start of EY's transition towards becoming the external auditor the firm has been subject to the policy in full.

Categories of permitted non-audit services not covered by the annual pre-approval, require ad-hoc approval in advance on a case-by-case basis. Engagements below £100,000 may be approved by the Committee Chairman. A competitive tender process is required for all proposed non-audit services engagements where the fees are expected to exceed £100,000 and approval of the full Committee is required. As an additional governance control all engagements have to be approved by the Director of Finance and Supply Chain Services. Where the engagement is tax related, approval must also be obtained from the Director of RBS Tax. Ad hoc approvals of non-audit services are ratified by the Group Audit Committee each quarter.

As EY transitions towards being appointed the bank's external auditor, it has been subject to the full audit/non-audit services policy since reaching the point of independence from the bank in June 2015. Prior to that, all engagements of EY for non-audit services work were approved by either the Financial Controller or Committee Chairman.

During 2015, the current and incoming external auditors were approved to undertake the significant engagements set out below:

- assurance testing in relation to RBS's 2014 and 2015 Sustainability Report. The External Auditor was selected given its significant experience in specialist sustainability reporting (Deloitte and EY);
- review of financial statements of certain defined benefit funds within RBS Americas. The External Auditor was selected as it was already responsible for reviewing the financial statements of the existing defined benefit funds, and there were clear synergies to ensuring continuity of service (Deloitte); and
- as part of the preparations for a possible future sale of HM Treasury's shareholding in RBS, it is possible that a prospectus would be prepared for which the Group and Directors would have statutory responsibility and uncapped liability. In order to comply with relevant UKLA rules on such activities, a working capital report from an independent reporting accountant on RBS's financial projections was required to be included in a circular to shareholders. The appointment of the External Auditor offered significant synergies in undertaking the reporting accountant role and preparing the working capital report having undertaken audit procedures on the Group's forecasts and budgets for the five years ending 31 December 2019 (Deloitte).

Further details of the non-audit services that are prohibited and permitted under the policy can be found on [rbs.com](http://rbs.com). Information on fees paid in respect of audit and non-audit services carried out by the External Auditor can be found in Note 5 to the consolidated accounts on page 294.

Brendan Nelson

Chairman of the Group Audit Committee

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## Report of the Board Risk Committee

Letter from Baroness Noakes

Chairman of the Board Risk Committee

Dear Shareholder,

I would like to begin by thanking my colleagues on the Board Risk Committee for their contribution and support during 2015. It has been another challenging year. The report which follows describes how the Committee discharged its responsibilities in 2015 and provides details of the key issues considered and debated during the year. I will also highlight some of the key themes below.

### Transformation

The bank's extensive programme of transformation has continued throughout 2015 in line with the strategy to be a smaller, simpler UK focused bank. The transformation programme has been a primary focus for the Board Risk Committee and we dedicated significant time to monitoring execution risk on behalf of the Board. During 2015, we received regular updates from the project team and considered the impact of the programme on the bank's change risk profile and control environment. We made recommendations to management in relation to governance and prioritisation and requested focus sessions on the key work streams under the programme.

Another key deliverable is the planned separation and disposal of Williams & Glyn and we examined the risks and challenges to meeting the delivery target in some detail during the year. In September 2015, acting under delegated authority from the Board, we approved the main regulatory filings for the Williams & Glyn Banking Licence Application.

### Remediation and Conduct

Regrettably, customer experience was impacted again by an IT issue in June resulting in a delay in transactions being posted to customer accounts. We oversaw the exchange of correspondence with the regulator explaining how the matter had been resolved, considered the outputs of the post implementation review exercise and examined the

residual risks following the incident. IT resilience and the stability of the bank's payments infrastructure will remain a priority of the Board and the Committee during 2016.

The conduct issues that have impacted the bank's recovery and reputation continued to be of concern in 2015. We oversaw the remaining internal and regulatory investigations into the manipulation of foreign exchange markets and were kept apprised of the negotiations that culminated in the announcement of settlements with two US regulators in May 2015.

We will continue to monitor discussions with regulators in other jurisdictions over the coming months and make recommendations to the Group Performance and Remuneration Committee on accountability matters as appropriate.

### Risk Culture

A strong culture risk is fundamental to achieving our strategic objectives for our customers, employees and wider stakeholders and was a key focus of the Committee this year. We reviewed the outputs of benchmarking surveys by both McKinsey and PwC in this area and discussed and agreed the dimensions of the bank's target risk culture prior to consideration by the full Board. Risk culture standards will ultimately be linked to the bank's people and leadership standards and wider industry standards. We will keep this under close review and plan to examine the next steps to achieving our target risk culture state in the first quarter of 2016.

### Other

Other material areas of Committee focus during the year have included:

- internal and external stress testing exercises and capability;
- the risk appetite framework of RBS and individual risk appetite statements for material risks, franchises and functions;
- improvements to the Operational Risk Management Framework and preparedness for compliance with the Basel Risk Data Aggregation and Reporting (RDAR) Standards;
- the capital and liquidity position of RBS and related regulatory submissions;
- improvements to risk reporting; and
- oversight of the bank's risk profile through monitoring the risks inherent in the bank's operations and portfolios.

More detailed information on each of these areas is set out in the Board Risk Committee report that follows.

Key priorities for 2016

Management remains committed to the reduction of risk within the organisation and demonstrated real progress in many areas during 2015. The Committee will continue to oversee the work being undertaken to ensure that the bank progresses towards operating within risk appetite and that historic issues are fully and sustainably remediated. Oversight of the Williams & Glyn separation and disposal process will be a key focus for the Committee in 2016 and, as the bank advances its strategic ambitions, it will be essential that the heightened change agenda does not adversely impact on the control environment and this will be closely monitored. Other areas of focus will include continued supervision of the embedding of the three lines of defence model, data quality, cyber risk, further evolution and enhancement of the risk appetite framework and the implementation of the Senior Managers Regime across the organisation.

Baroness Noakes

Chairman of the Board Risk Committee,

25 February 2016



## Report of the Board Risk Committee

### Report of the Board Risk Committee

#### The role and responsibilities of the Board Risk Committee

The Board Risk Committee assumes responsibility on behalf of the Board to provide oversight of current and potential risk exposures and future risk strategy, including the determination of risk appetite and tolerance, and to promote a culture of risk awareness within RBS.

The Committee's responsibilities are set out in more detail in its terms of reference which are reviewed annually by the Committee and approved by the Board. These are available on the bank's website: [rbs.com](http://rbs.com).

#### Membership

The Board Risk Committee comprises independent non-executive directors. Details of the skills and experience of each of the Committee members are set out in their biographies on pages 43 to 46.

	Attended/ scheduled
Baroness Noakes (Chairman)	9/9
Morten Friis	9/9
Robert Gillespie (1)	8/9
Penny Hughes	9/9
Brendan Nelson	9/9

#### Note:

(1) The BRC meeting in March 2015 had to be rescheduled at short notice, meaning Mr Gillespie was unable to attend owing to a clash with a Citizens Financial Group Inc. Board meeting.

Baroness Noakes, Morten Friis and Brendan Nelson are also members of the Group Audit Committee. Robert Gillespie is also a member of the Group Performance and Remuneration Committee and the Sustainable Banking Committee, and Penny Hughes chairs the Sustainable Banking Committee. This common membership across Committees ensures effective governance across all risk, finance, reputational and remuneration issues, that agendas are aligned and that overlap of responsibilities is avoided where possible.

Committee meetings are also attended by relevant executive directors, including the Chief Executive, Chief Financial Officer, Chief Risk Officer, Chief Conduct & Regulatory Affairs Officer, Chief Legal Officer and General Counsel and Chief Audit Executive. The lead partner of the External Auditor also became a regular attendee of all meetings from January 2015 onwards. External advice is sought by the Committee, where appropriate.

#### Meetings and visits

Five scheduled meetings and four ad hoc meetings were held in 2015. The ad hoc meetings were required to consider: the preliminary 2015 Bank of England regulatory stress test results; the final 2015 Bank of England regulatory stress test results; and the key elements of the Williams & Glyn Banking Licence Application and regulatory submissions.

In 2015, members of the Committee undertook a programme of visits to various businesses and control functions in conjunction with members of the Group Audit Committee. The purpose and scope of this programme is discussed in detail in the Report of the Group Audit Committee above.

The Committee also held in-depth sessions on risk reporting, risk appetite, economic capital and an education session on stress testing.

#### Performance Evaluation

The annual review of the effectiveness of the Board and its senior Committees, including the Board Risk Committee, was conducted by Condign Board Consulting Limited, an external consultant, in 2015. The Committee has considered and discussed the outcomes of this evaluation. Overall the review concluded that the Board Risk Committee continued to operate effectively. However, it was recognised that the agenda of the Committee was substantial and complex, and that meetings were lengthy as a result. It was acknowledged that the situation would also be expected to improve as the bank's simplification programme progressed.

A small number of general recommendations which are relevant for both the Board and its senior committees were made. Key themes and actions arising from these general recommendations are set out in the Board report on pages 51 and 52 and will be considered, and addressed as appropriate, at Board level.

The outcomes of the evaluation have been reported to the Board and the Committee will track progress on its 2016 priorities during the year.

Allocation of Board Risk Committee agenda time:



**Report of the Board Risk Committee****Matters considered by the Committee in 2015**

<b>Key area</b>	<b>Matters considered and action taken by the BRC</b>
<b>Risk strategy and policy</b>	
Transformation	<p>Consideration of execution risk of the bank-wide transformation programme and the impact of mandatory change programmes on the programme. The Committee requested regular updates from the transformation team on progress including independent opinions from Risk Management, Internal Audit, HR and C&amp;RA. Focus sessions were provided at the Committee's request on the key workstreams under the transformation programme including: control; the RAG assessment framework; people risk; and technology.</p>
Williams & Glyn	<p>Detailed examination of the risks and challenges to the timely separation of physical assets in advance of the planned divestment, confirming appropriate governance was in place to support the programme. The Committee will oversee delivery closely during 2016 and that appropriate contingency arrangements are in place. The Committee reviewed and approved the key documents for the Banking Licence and Consumer Credit Permission Applications (namely the Regulatory Business Plan, Business Strategy including five year financials, ILAAP, ICAAP and RRP) and oversaw the governance and assurance processes in place for the whole of the applications.</p>
Change risk profile	<p>Consideration of the change risk profile of the bank's transformation programme and recommendations from Risk regarding prioritisation and Board and management oversight. The Committee asked management to map transformation initiatives and in-flight programmes to the bank's risk and control environment for use in future prioritisation considerations.</p>
Recovery plan and resolution planning	<p>Review and recommendation of the 2015 Recovery Plan to the Board for approval prior to submission to the PRA in June 2015. The Committee considered feedback from the regulator in Q4 2015 and will oversee enhancement plans throughout 2016. The Committee also reviewed the major milestones and responsibilities aimed at improving the bank's resolvability. The Committee considered the work already underway and further steps that may be required as regulatory expectations evolve over the coming years. The Committee also considered proposed enhancements to the management, governance and alignment of recovery and resolution planning. Regular updates on progress against plan will be provided to the Committee.</p>
RBS Policy Framework	<p>Consideration of the operation of the RBS Policy Framework, including plans to simplify the structure in line with the bank's strategic aims. The Committee requested that management continue to improve the process for exceptions to policy.</p>
<b>Risk profile</b>	
Macroeconomic and geopolitical developments	<p>Received updates on macroeconomic and geopolitical risks including developments in Russia, China, the removal of the Swiss Franc floor and the possible UK exit from the EU. The Committee also considered the implications of reduced secondary market liquidity, driven by changing market conditions, on the bank's risk profile and control environment.</p>
Reporting	<p>The Committee dedicated considerable meeting time to providing oversight of the bank's risk profile through the review of emerging risks and changes in the bank's most significant portfolios and operations, presented within the monthly risk report. This was supplemented by oral updates,</p>

provided by the Chief Risk Officer and Chief Conduct and Regulatory Affairs Officer on current and material risks at each Committee meeting.

An in-depth session on risk reporting in July 2015 led to further recommendations for improvements to the monthly risk report. In response to a Committee request, the monthly MI pack will transition to a quarterly report during 2016, enabling more strategic insights to be highlighted. Management will continue to refine the data provided during 2016.

During 2015, the General Counsel was also invited to provide a report at each meeting on current and emerging legal and litigation risks facing the bank.

Focus sessions on  
key risk types

Detailed overviews of key risk types were provided to the Committee on a rotational basis. Topics covered in 2015 included reputational risk, market risk, operational risk, credit risk and country risk.

**Report of the Board Risk Committee****Key area Matters considered and action taken by the BRC****Enterprise wide risk**

**Risk appetite** Considerable time was spent reviewing the bank's risk appetite framework. The Committee recommended the proposed risk appetite for the bank's strategic objectives (earnings volatility, capital adequacy, stakeholder confidence and liquidity) to the Board for approval. The Committee held two deep dive meetings to consider the risk appetite statements for material risks and for each of the franchises and Services, placing a particular focus on: how the statements aligned with business plans and how deeply risk appetite was embedded within each area. In 2016, the Committee will look at all of these areas in greater depth including in particular the coherence of top down strategic risk appetite statements with the lower level business and risk level statements.

**Risk culture** The Committee discussed and agreed the dimensions of the bank's target risk culture before this was considered further by the full Board. A further report covering franchise and functional action plans will be presented to the Committee in Q1 2016.

**Stress testing** Considerable time was dedicated to stress testing throughout 2015. In Q1, the Committee considered the outputs of the 2014 reverse stress testing exercise and made recommendations to the Board. It has since recommended the reverse stress test thresholds that will underpin the 2015 exercise and will review outputs in the first quarter of 2016. The Committee discussed and agreed the underlying assumptions and scenario selection for both internal and external (Bank of England) stress tests (including Internal Audit's opinion) and monitored the results. Recommendations were made to the Board where formal Board approvals were required for regulatory purposes. A key focus of the Committee has been overseeing enhancements to the bank's stress testing capability as well as meeting internal and external regulatory milestones and requirements. Capability enhancement will remain a priority during 2016.

**Three lines of defence** Oversight of progress to fully embed the Three Lines of Defence model and checking the project had an appropriate plan to deliver targeted results. The Committee is aware of the importance of staff understanding their roles and accountability and in conjunction with the Group Audit Committee, will oversee that the model continues to be reinforced across the organisation, placing particular emphasis on management's identification and control of risk within the first line of defence.

**RDAR** Monitored ongoing preparations for the new Basel Principles on Effective Risk Data Aggregation and Reporting (RDAR), which come into effect in January 2016, and recommended to the Board approval of the bank's RDAR programme scope and approach to compliance.

**Model risk** Continued to monitor model risk management and oversaw the redesign of the model governance structure. The Committee requested the articulation of a model risk appetite statement and risk rating methodology and for a full inventory of models to be prepared. Progress will be reviewed by the Committee in Q1 2016.

**Risk assurance** The Committee received its first quarterly report on risk assurance which highlighted the emerging issues and any deteriorating trends in the control framework for Credit and Market Risk.

**Regulatory, conduct and remediation**

**Regulatory reviews** Oversaw ongoing investigations into foreign exchange manipulation. The Committee was kept apprised of the negotiations of settlements with the United States Department of Justice and US Federal Reserve System that were announced in May 2015.

Reviewed the progress of the Skilled Person's review of the Global Restructuring Group (GRG) early in 2015. This is now being overseen by a temporary GRG Board Oversight Committee and the Committee has received updates on progress.

Also monitored the outcomes of the Skilled Person's review into anti-money laundering compliance, the independent consultant's report on the bank's sanctions regime (following the December 2013 Cease & Desist Order issued by the Federal Reserve Bank of Boston) and the status of the investigation into the alleged mis-selling of Interest Rate Hedging Products.

The remediation programme established in response to the IT incident in June 2012 was closed in H1 2015 following completion of the major deliverables and based upon assurances from Risk, Internal Audit and also independent advice from PwC, that the work undertaken had been appropriate and sustainable. Residual issues will be monitored by Internal Audit and reported to the Committee by exception.

IT Incident

remediation

Considered the regulatory response to a systems incident in June 2015. A systems issue delayed a number of customer transactions over a two day period, as a result of software failure. Remedial actions have been taken following a post-incident review. The Committee considered its root causes and mitigation and will keep the residual risks under review.

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**Report of the Board Risk Committee**

<b>Key area</b>	<b>Matters considered and action taken by the BRC</b>
<b>Regulatory, conduct and remediation</b>	<p>The Committee also received reports on other conduct and regulatory issues including:</p> <ul style="list-style-type: none"> <li>· the remediation of issues arising within the former Markets Division, as part of the Markets Standards Portfolio Programme, which draws together a number of work streams to remediate broader risk and control issues, including regulatory and conduct risk, to strengthen the control environment.</li> <li>· the remediation of identified trade and transaction reporting compliance and collateral management issues in CIB;</li> <li>· the implementation of the bank's strategy to reduce the volume of customer complaints;</li> <li>· tax risk and European tax-related investigations; and</li> <li>· status reports on Americas remediation issues. In particular, the Committee considered section 12 of the US Bank Holding Company Act (BHCA) and its implementing rules (the "Volcker" rule) and approved the bank's Volcker compliance programme</li> </ul>
Conduct and regulatory issues	
FCA Firm Evaluation	<p>An FCA Presentation in June 2015 on its strategic approach to regulation, the evolving risk landscape for banking groups and the areas of focus for the next 12 months. The FCA also presented the outcome of its firm evaluation, covering cultural change at the bank, root cause analysis, the scale and complexity of the bank's transformation programme and the challenges of simplification.</p>
Representations to Regulators	<p>The Committee requested a full inventory of key representations to regulators and sought assurances on the processes and governance in place to support submissions. This work is ongoing and will be kept under regular review.</p>
Senior Managers Regime	<p>The Committee exercises oversight of implementation of the new Senior Managers Regime across the bank and received reports on preparation and progress.</p>
<b>Market, credit and operational risk</b>	
Credit, market and operational risk	<p>Consideration of credit, market and operational risks formed an integral part of the agenda of each meeting, with detailed MI demonstrating the impact on risk profile, presented within the monthly risk report.</p>
Operational risk management framework	<p>Monitored progress of plans to improve the bank's Operational Risk Management Framework (ORMF) including the work underway to complete risk and control assessments across the businesses. The Committee noted that significant progress had been made and agreed that the programme could move to reporting only by exception if any major issues arise.</p>
IT resilience and cyber risk	<p>Received a bi-annual report on Security &amp; Resilience risks and internal controls in place across the bank. The Committee also separately received a report on Information Security and insights from an external industry expert on cyber risk. It reviewed the responses to the PRA and FCA Dear Chairman II Exercises and the subsequent letters from the PRA and FCA and made recommendations to the Board for approval prior to</p>



submission.

Payments

Examined the stability and operational risks inherent within the bank's payments environment and considered resilience, the adequacy of resource and controls. The Committee received reports on the changing regulatory environment.

Data quality

Exercised oversight of the bank's data quality programme, which aims to measure the quality of the most important data in the bank and to remediate data quality issues. The Committee noted the progress made. A detailed plan will be presented to the Committee in Q1 2016.

**Capital and Liquidity**

ICAAP and ILAA

The Committee regularly reviewed the capital and liquidity position of the bank. This included reviewing the Internal Capital Adequacy Assessment Process (ICAAP) and Individual Liquidity Adequacy Assessment (ILAA) and Internal Audit's assurance opinion on the adequacy of the processes supporting their preparation and recommending that the Board approve these submissions to the PRA.

Contingency Funding Plan

Considered the bank's contingency funding plan and recommended it to the Board for approval.

## Report of the Board Risk Committee

### **Risk and C&RA**

Conducted visits to Risk and C&RA and considered people engagement, resources and budget, bench strength and succession planning and the control environment of both functions.

Assessed and made recommendations to the Group Performance and Remuneration Committee on the performance of the Chief Risk Officer and Chief Conduct & Regulatory Affairs Officer.

### **Accountability and Remuneration**

Continued to provide strategic risk oversight over performance and remuneration arrangements, working closely with the Group Performance and Remuneration Committee (RemCo). RemCo's report on pages 70 to 89 includes further detail on how risk is taken into account in remuneration decisions. Key matters considered by the Committee included:

- the risk and control objectives of members and attendees of the bank's Executive Committee, with additional focus on underlying objectives for the Chief Risk Officer and the Chief Conduct & Regulatory Affairs Officer;
- an assessment of the risk/conduct performance of members and attendees of the bank's Executive Committee, with recommendations made to RemCo as appropriate to inform its decision on pay and awards;
- an assessment of the risk/conduct performance of the bank and its businesses, with recommendations made to RemCo to inform its decision on adjustments to the annual bonus pools;
- accountability recommendations in respect of significant material events and high earners, including those current and former employees identified as part of the investigation into the manipulation of foreign exchange markets; and
- consideration of the performance conditions for the bank's Long Term Incentive Plans and assessment of proposed vesting levels to ensure risk management/conduct performance is fairly reflected in vesting outcomes.

Baroness Noakes  
Chairman of the Board Risk Committee

**Report of the RBS Capital Resolution (RCR) Board Oversight Committee**

**Letter from Baroness Noakes,**

**Chairman of the RCR Board Oversight Committee**

Dear Shareholder,

The RBS Capital Resolution Board Oversight Committee was established following the creation of RBS Capital Resolution (RCR) on 1 January 2014.

RCR was established to separate and wind down RBS's high capital intensive assets. Targets were set to remove 55-75% of these assets from the balance sheet by the end of 2015 and 85% by the end of 2016.

Key principles are:

- removing risk from the balance sheet in an efficient, expedient and economic manner;
- reducing the volatile outcomes in stressed environments; and
- accelerating the release of capital through management and exit of the portfolio.

I was appointed Chairman of the Committee on 1 April 2014 and am pleased to present the report on the Committee's activity during 2015.

The role and responsibilities of the RCR Board Oversight Committee

The Committee's responsibilities are set out in its terms of reference which are reviewed annually by the Committee and approved by the Board. These are available on rbs.com.

The Committee's role is to:

- oversee the actions of RCR's management, including implementation of RCR's strategy;

- review and report to the Board on RCR's progress against and compliance with the primary objective (to eliminate the bank's exposure to RCR assets) and the asset management principles (criteria for taking decisions on the reduction of capital and assets);

- agree in consultation with the Group Performance and Remuneration Committee specific incentives for RCR management, aligned to the objectives of RCR;

- consider financial disclosures in respect of RCR; and

- report to the Board on the Committee's activities and recommend changes to RCR strategy.

#### Membership and meetings

The Chairman of the Committee is the Chairman of the Board Risk Committee. The Senior Independent Director, the Chairman of RBS and the Chairman of the Group Audit Committee are members. Attendance at meetings is shown below.

	Attended/ scheduled
Baroness Noakes (Chairman)	4/4
Sandy Crombie	4/4
Howard Davies (1)	0/1
Brendan Nelson	4/4
Former member Philip Hampton (2)	3/3

Notes:

(1) Howard Davies joined the Committee on 1 September 2015 when he succeeded Philip Hampton as Group Chairman. He did not attend the meeting in October 2015 as he was on business in the US.

(2) Stepped down from the Committee on 31 August 2015.

#### Principal activities during 2015

At each meeting during the year the Committee considered RCR's financial performance, outlook and delivery against the targets and asset management principles. There is a well established framework for quarterly reporting which includes impact on RBS's capital levels and impairment releases. Market conditions allowed for exits to be accelerated and the Committee received regular updates on progress and market conditions, as well as RCR's ability to execute and complete transactions efficiently. The Committee also received quarterly updates on key transactions and the exit strategy for assets deemed to pose higher operational risk. Customer, conduct and control environment considerations were also discussed regularly. The Committee also received reports on activities of the RBS Ireland Capital Resolution Board Oversight Committee.

In April 2015, the Committee discussed the RCR transfer/closure plan, noting requirements for the completion of RCR and how this would be evidenced to the relevant stakeholders. At the later meetings more detailed plans were considered, including regulatory expectations, internal audit approach and arrangements for reporting to the Board.

Committee meetings are attended by senior RCR managers and also representatives from the control functions, in particular from the Risk function.

RCR substantially completed its work by the end of 2015. The Committee met for its final meeting in January 2016 to finalise the transfer/closure of RCR. The RBS Board agreed closure of RCR on the recommendation of the Committee, which confirmed its satisfaction that RCR had met its 85% asset reduction target. This conclusion was supported by an external audit opinion from Deloitte on RCR's statement of assets as at 31 December 2015 and an opinion from Internal Audit. The relevant confirmations and information were provided to the PRA at the end of January 2016.

Baroness Noakes,

Chairman of the RCR Board Oversight Committee

25 February 2016

## Report of the Sustainable Banking Committee

Letter from Penny Hughes

Chairman of the Sustainable Banking Committee

Dear Shareholder,

Having now completed my first full year as Chairman of the Sustainable Banking Committee, I am pleased with the progress made under the Committee's refocused strategic direction. There has been broader, strategic debate and ownership from the executive to drive forward sustainability in their businesses, aligned to customer priorities.

RBS continues to have a clear ambition to be number one for customer service, trust and advocacy in each of our chosen business areas. Delivery of this ambition depends in large part on our ability to demonstrate beyond question that we are a responsible company doing business in a sustainable way.

We will rebuild our reputation and earn our customers' trust by putting customers first, making RBS a great place to work, supporting our communities, and being mindful of environmental impacts.

The Sustainable Banking Committee is primarily concerned with overseeing, supporting and challenging actions taken by management to run the bank as a sustainable business, capable of generating long term value for its shareholders.

Some good progress was made in 2015 under our core themes:

considering what is being done to foster a sustainable business for customers and understanding the needs of particular customer groups;

oversight of how management is embedding culture and standards including engagement, motivation, living the values and leadership;

oversight of the brand strategy and building on our legacy as a bank of brands, developing our brands to build on the connection with our customers;

development of the Sustainability agenda, meeting the needs of all our stakeholders whilst aligning with the Bank's overall strategy;

ongoing commitment to stakeholder engagement through face to face sessions with advocacy groups on key topics;

considering sustainability positioning on environmental targets, climate change, sustainable energy and the social economy; and

transparent reporting through the annual Sustainability Report which describes our performance and approach to making RBS a more sustainable business.

Although there is still much to be done to rebuild trust, it is pleasing that the efforts to build a responsible and sustainable business are being recognised through independent and external measures. We have successfully retained our place in the Dow Jones World Sustainability Index with a score of 80 and have also been included in the Carbon Disclosure Project's FTSE 350 Climate Disclosure Leadership Index with a score of 99/100 for disclosure and 'B' for performance. RBS has also been reselected for inclusion in the FTSE4Good index which measures the performance of companies against globally recognised responsibility criteria.

The Committee will continue to operate at a strategic level, supporting and challenging the executive on their key priority of turning RBS into a customer centric bank. The work to strengthen our customer and employer brands will continue and culture will be a key focus, with the Committee reviewing actions being taken to deliver on the goals agreed by the Board.

My thanks go to the Committee members and attendees for their contribution and support in steering the work of the Committee through another challenging year.

Penny Hughes

Chairman of the Sustainable Banking Committee

25 February 2016

## Report of the Sustainable Banking Committee

### Report of the Sustainable Banking Committee

#### Meetings

The Sustainable Banking Committee held six scheduled Committee meetings in 2015 which were attended by senior representatives from the customer-facing franchises as well as Human Resources, Sustainability, Risk, C&RA, Communications and Marketing, and Strategy.

#### Stakeholder engagement sessions

In addition to ongoing engagement which takes place across our business each day, the Sustainable Banking Committee runs a proactive engagement programme to which we invite external stakeholders to meet with, and challenge, the most senior decision makers in RBS. These discussions help shape future policies, influence strategic priorities and inform decision making across the Bank and will continue to play a key role. To date we have met with over 50 different groups of NGOs, civil society groups, government bodies, consumer groups and investors in this way. In particular, in 2015 we held four such stakeholder engagement sessions covering the following topics:

- financial inclusion including the issue of debt and access to affordable credit;
- the issues the Bank should prioritise to become number one for customer service, trust and advocacy;
- the disintermediation of the banking sector and the increasing availability of alternative sources of finance; and
- stakeholders' views on RBS India's sustainable development programs.

In addition, the programme of UK-based events aimed at individual shareholders continued in the first half of 2015 and provided an opportunity for shareholders to meet directors and senior management to learn more about the business.

#### Membership

The Sustainable Banking Committee comprises three independent non-executive directors. The Chairman and members of the Committee, together with their attendance at meetings, are shown below.



Attended/

scheduled

Penny Hughes (Chairman)	6/6
Alison Davis	6/6
Robert Gillespie (1)	5/6
Mike Rogers (2)	—

Notes:

(1) Required to attend Citizens Financial Group, Inc meeting.

(2) Appointment with effect from April 2016.

#### Performance evaluation

The annual review of the effectiveness of the Board and its senior committees, including the Sustainable Banking Committee, was conducted by Condign Board Consulting Limited. The Committee has considered the findings of the review. Overall the review concluded that the Sustainable Banking Committee continued to operate effectively. Whilst no specific recommendations were made in relation to the Committee, the review highlighted the importance of maintaining focus around the remit of the committee.

The review also included a small number of general recommendations which are relevant for both the Board and its senior committees. Key themes and actions arising from these general recommendations are set out in the Board report on pages 51 and 52 will be considered, and addressed as appropriate.

The review also recommended that all Committee Chairs should ensure continued focus on agenda planning and streamlined reporting to the Board, which will be a priority for the Committee during 2016.

The Committee recently conducted a review of its terms of reference to reflect the Committee's strategic role of overseeing, supporting and challenging actions being taken by management to run the bank as a sustainable business. During 2016, the Committee will structure its meetings around five key drivers: culture, people, customer, brand & communications and Environmental, Social & Ethical issues.

The outcomes of the evaluation have been reported to the Board and the Committee will track progress on its 2016 priorities during the year.

#### Role and responsibilities of the Sustainable Banking Committee

Authority is delegated to the Sustainable Banking Committee by the Board and the Committee reports and makes recommendations to the Board as required. The terms of reference of the Committee are available on rbs.com and these are reviewed annually and approved by the Board. A report on the activities of the Committee in fulfilling its responsibilities is provided to the Board following each meeting. The principal responsibilities of the Committee are shown below and during 2015 were grouped under three core themes of work: Bank-wide Reputation and Trust; Serving Customers; and Sustainability/Emerging Issues.

Bank-wide reputation and trust led by the Chief Executive

Oversight of:

- management of reputation and delivery of commitments on trust, advocacy and customer service;
- reputational challenges relating to people agenda including embedding values and cultural change activity;
  - development of brand strategy in line with RBS's purpose, vision and values;
- sustainable growth of business and measures taken to support economic development and how banks can better serve society;
- community programmes and employee engagement in charitable partnerships;

Serving customers

- provide challenge on how well RBS is integrating sustainable banking into its business strategy and what is being done to foster a sustainable business for customers;
  - oversee customer centricity priorities including receiving reports on key customer metrics;
    - consider product sustainability, transparency and fairness;
- receive reports on how RBS is supporting SMEs and oversee the approach to responsible lending and financial inclusion;

Sustainability/emerging issues

- oversight of Environmental, Social and Ethical risk policies;
- engage with key internal and external stakeholder groups on emerging sustainability issues;
- approve the annual Sustainability Report and receive the external auditors' assurance report; and
- oversee priorities, targets and reputational challenges on key emerging sustainable banking issues and consider best practice benchmarking.

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## Directors' Remuneration Report

Annual statement from Sandy Crombie  
Chairman of the Group Performance and Remuneration Committee

Dear Shareholder,

I am pleased to set out the Directors' Remuneration Report for 2015. This report details the remuneration policy for the year ahead as well as our pay decisions for 2015 and the reasons behind them. The Committee's aim is to make sure the remuneration policy supports RBS' strategy, a key element of which is to deliver our ambition of becoming the number one bank in the UK for customer service, trust and advocacy.

### Developments in 2015

It has been a year of continuing progress. On the one hand, good progress has been made against our strategic targets. We believe the focus on culture and encouraging good behaviours will, in time, make a significant contribution to driving sustainable returns for shareholders. On the other hand, while we continue to make progress in addressing and resolving legacy and conduct issues, these continue to drag on financial results and the Committee appreciates the impact this has on all our stakeholders.

In November, changes were announced to the pay arrangements for customer-facing employees in Personal & Business Banking. These changes are intended to reinforce the message that our employees should offer services and advice solely on the basis of what best meets the needs of the customer. Accordingly, we have removed incentives based on sales and other criteria from these employees, and instead have made a modest increase to their fixed pay. I believe this is a bold and significant step in our efforts to rebuild trust in RBS.

While pay remains an important and sensitive topic, an encouraging sign is that pay is not dominating discussions with shareholders in the way that it used to. I hope this reflects the efforts of the Committee in recent years to implement a remuneration policy that is simpler than before and strongly aligned to shareholders' interests over the long term.

### Market context

Variable pay at RBS remains restrained in a market context, reflecting both our ownership structure and the transition to a smaller bank, centred in the UK and Ireland. Decisions by the Committee on variable pay are driven by a thorough step by step process with adjustments for performance, risk and conduct events in order to determine appropriate outcomes.

I know that bonuses remain an emotive issue, particularly when RBS is posting losses and continuing to deal with conduct and litigation issues from the past. Against this background, bonuses have fallen by over 72% across RBS and by over 90% in the investment bank since 2010. While the bonus pool has been coming down year on year, including a further reduction in 2015, it is important that RBS does not become too disconnected from industry norms. The Committee recognises the need to maintain a commercial approach to pay and reward the hard work by those employees who are helping to turn around RBS.

### Pay decisions for 2015

I know that it is in the public interest to show restraint on remuneration while at the same time there is a need to deliver fair and reasonable pay outcomes for employees. Average annual salary increases are in line with the financial services market. There is a focus on paying the right wage to employees and our rates of pay exceed the Living Wage Foundation Benchmarks.

The bonus pool has fallen from £421 million in 2014 to £373 million in 2015, a reduction of 11%. In order to ensure there is a balanced distribution, over 90% of this pool will be directed to those below the most senior RBS employees. Where employees do receive a bonus, the average bonus amounts remain relatively modest with 52% of employees receiving £2,000 or less and a further 21% receiving less than £5,000.

No changes are being made to the remuneration structure for executive directors at this time. Executive directors are not eligible for annual bonuses. Instead, for them and their most senior colleagues, variable pay continues to be delivered in long-term incentives, aligning to shareholder value over the long term. One change to the performance measures for long-term incentive awards is a slight amendment to the comparator group for Total Shareholder Return performance to more accurately reflect RBS' strategic direction. Further details are set out on page 81.

### Considerations for the year ahead

In accordance with UK regulatory requirements, further amendments will be made to the variable pay awarded to individuals identified as Senior Managers under the PRA regime. Variable pay to Senior Managers for performance years starting on or after 1 January 2016 will be subject to deferral over seven years and the potential clawback period will be extended to ten years.

Further guidance on remuneration practices has been published by the European Banking Authority (EBA) which will also be considered by the Committee when reviewing policy in 2016. The Directors' Remuneration Policy will then be presented to shareholders for approval at the 2017 AGM, at the end of its current three year cycle.

I would like to conclude by thanking my fellow Committee members and those who support the Committee for their commitment and guidance over the year. I am also grateful for the input received from shareholders which plays an important part in developing responsible pay practices.

Sandy Crombie

Chairman of the Group Performance and Remuneration Committee

25 February 2016

## Directors' Remuneration Report

### Remuneration and the business strategy

To provide customers with the best possible service, RBS is building a strong, simple and fair bank. Performance and pay management is part of that process and good progress was made on all three fronts during 2015.

Strong

#### **RBS needs to build an engaged and inclusive workforce, capable of providing excellent customer service.**

- Senior leaders have collective performance objectives that target financial strength as well as customer experience improvements through net promoter and trust scores.
- Employee engagement is also targeted and 2015 results show an improvement of six points on 2014. RBS is now within three points of industry peers.
- In 2015, RBS announced its intention to increase the proportion of women in the top three leadership layers to 30% by 2020 and to have an approximate 50/50 balance at all levels by 2030.
- Pay is not the only lever and employees are supported by wider people initiatives with over 13,000 employees undertaking the 'Determined to Lead' programme in 2015. This programme is aimed at ensuring stronger and more consistent leadership.
- Building on established processes and ways of working, new professional Standards Frameworks set out the relevant knowledge, skills, attitudes and behaviours expected of RBS employees in their role, to embed good conduct and an appropriate culture.

Simple

#### **Simplifying RBS and the way it operates will reduce costs and our senior leaders are measured on this as part of their LTI performance targets.**

- RBS is simplifying how employees get paid. In PBB, pay is linked to supporting customers, rather than short-term incentive schemes.
- Any variable pay for executive directors is delivered as an LTI award not bonus, with future looking performance measures linked to the strategic plan.

· Shareholder support was strong for last year's Directors' Remuneration Report with over 99% voting in favour. No changes are being made to the remuneration policy, approved at the 2014 AGM, at this time.

Fair

**The Committee must ensure that good behaviours are encouraged and that conduct issues are accounted for.**

- Being fair is grounded in paying people appropriately for their work and commitment to serve customers well.
- 2015 is the first full year that RBS has been operating as a fully accredited living wage employer.
- If conduct falls short of the standard expected, the Committee can apply malus (reduction or cancellation of variable pay awards prior to payment) or clawback (recovering awards that have already been paid).
- In 2015, malus has been applied to remuneration outcomes as part of the accountability review process.
- The Committee aims to strike a fair balance between adjustments to variable pay as a targeted measure to change behaviour whilst not disproportionately penalising employees who are not directly responsible for events.
- Bonuses have continued to shrink at RBS, aligned with the restructuring that has taken place and the actions taken by the Committee, but a certain level is considered necessary in order to run a commercial and sustainable business.

Bonus pool levels have been transformed since 2010



**Directors' Remuneration Report**

At a glance summary for executive directors

Remuneration outcomes for 2015

	Ross	Ewen
	McEwan	Stevenson
	£000s	£000s
Salary	1,000	800
Fixed share allowance	1,000	800
Benefits (1)	88	26
Pension allowance	350	280
Bonus	n/a	n/a
Vesting of 2013 LTI award (2)	1,347	—
Total	3,785	1,906

Notes:

(1) Amount for Ross McEwan includes standard benefit funding and relocation benefits.

(2) Estimated value of the LTI award due to vest in March 2016. A summary of the performance assessment is set out below and full details can be found on page 79.

#### 2013 LTI award

Ross McEwan was granted an LTI award in March 2013 while CEO of UK Retail and became Chief Executive in October 2013. His change in role over the three year vesting period has resulted in 25% of the award being based on UK Retail measures and 75% based on RBS-wide measures.

#### Vesting outcome for UK Retail performance measures

**Vesting outcome for RBS-wide performance measures**

Combined vesting outcome for 2013 LTI award

Number of shares under award	Final vesting outcome (weighted 25%:75%)	Number of shares to vest in March 2016	Estimated value before tax
696,152	62%	431,614	£1,346,636

Implementation of remuneration policy in 2016

The LTI shown above is the award to be granted in March 2016. The notional value at 48% of the grant reflects an estimate of the potential value in light of the stretching performance conditions and risk of forfeiture over the five year vesting period.

Linking remuneration to the business strategy

Further details on the performance measures for the LTI award to be granted in March 2016 are set out on page 81.

## Directors' Remuneration Policy

### Directors' Remuneration Policy

The full Directors' Remuneration Policy was approved by shareholders at the AGM on 25 June 2014 and is available at [rbs.com/about/board-and-governance.html](http://rbs.com/about/board-and-governance.html). No changes are being made that would require shareholder approval at the AGM in 2016. An extract of the policy, updated to ensure it is relevant for the current year, is set out below. In the event of any conflict, the approved policy (available on [rbs.com](http://rbs.com)) takes precedence over the information set out in this section.

#### Fixed pay elements for executive directors

Fixed pay elements are intended to provide a level of competitive remuneration for performing the role with less reliance on variable pay in order to discourage excessive risk-taking and with partial delivery in shares to align with long-term shareholder value.

### Purpose and link

Element of pay	Purpose and link to strategy	Operation	Maximum potential value
Base salary	To aid recruitment and retention of high performing individuals whilst paying no more than is necessary. To provide a competitive level of fixed cash remuneration, reflecting the skills and experience required, and to discourage excessive risk-taking.	<p>Paid monthly and reviewed annually.</p> <p>The rates for 2016 are unchanged:</p> <p>Chief Executive - £1,000,000</p> <p>Chief Financial Officer - £800,000</p>	<p>Determined annually.</p> <p>Any future salary increase considered against peer companies and will not normally be greater than the average salary increase of peer companies over the period of the policy.</p>

		<p>Further details on remuneration arrangements for the year ahead are set out in the annual report on remuneration.</p>	
	<p>Fixed share allowance To provide fixed pay that reflects the skills and experience required for the role. This will be delivered in shares which must be retained for the long term.</p>	<p>A fixed allowance, paid entirely in shares. Individuals will receive shares that vest immediately subject to any deductions required for tax purposes and a retention period will apply. Shares will be released from the retention period in equal tranches over a five year period. The fixed share allowance will broadly be paid in arrears, currently in two instalments per year.<sup>(1)</sup></p>	<p>An award of shares with a value of up to 100% of salary at the time of award.</p>
<p>Benefits</p>	<p>To provide a range of flexible and market competitive benefits to further aid recruitment and retention of key individuals.</p>	<p>A set level of funding is provided and</p>	<p>Set level of funding for benefits (currently £26,250) which is reviewed annually to review.</p>

executive  
directors can  
select from a  
range of  
benefits  
including:

Further benefits such as re  
allowances and other bene  
tax advice, housing and fli  
allowances and payment o  
fees) may be offered in lin  
market practice.

- company  
car

The value of benefits paid  
disclosed each year in the  
report on remuneration.

- private  
medical  
insurance

- life  
assurance

- ill health  
income  
protection

Also entitled  
to the use of a  
car and driver  
on company  
business and  
standard  
benefits such  
as holiday and  
sick pay.

Further  
benefits  
including  
allowances  
when  
relocating  
from overseas  
may be  
provided to  
secure the  
most suitable  
candidate for  
the role.

Pension	To encourage planning for retirement and long-term savings.	Provision of a monthly cash pension allowance based on a percentage of salary. Opportunity to participate in a defined contribution pension scheme.	Pension allowance of 35%
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Note:

The company believes that delivery in shares is the most appropriate construct for a fixed allowance to executive directors, qualifying as fixed remuneration for the requirements imposed under CRD IV. If regulatory requirements emerge that prohibit allowances being delivered in shares, or deem that such allowances will not qualify as fixed remuneration, then the company reserves the right to provide the value of the allowance in cash instead in order to comply with the requirements. In 2015 the shares were awarded in August and November, during open periods for directors' share dealings.

**Directors' Remuneration Policy****Variable pay**

Variable pay is intended to incentivise superior long-term performance and promote the success of RBS, with rewards aligned with shareholders' interests and adjusted for risk, based on the achievement of stretching performance measures.

<b>Element of pay</b>	<b>Purpose and link to strategy</b>	<b>Operation</b>	<b>Maximum potential value</b>	<b>Performance metrics and period</b>
Variable pay award (long-term incentive)	To support a culture where good performance against a full range of measures will be rewarded. To incentivise the delivery of stretching targets in line with the Strategic Plan. The selection of performance metrics will be closely aligned with key performance indicators.	Any variable pay award made will be delivered in the form of a long-term incentive, paid in shares (or in other instruments if required by regulators) and subject to a combination of time and performance-based vesting requirements.	The maximum level of award is subject to any limit on the ratio of variable to fixed pay as required by regulators. This currently limits variable pay to the level of fixed pay (i.e. base year period, salary, fixed share allowance, benefits and pension). A higher ratio, up to 200% of fixed pay, is possible with shareholder approval. RBS is not intending to seek any such approval at the 2016 AGM.	Any award made will be subject to performance conditions measured over a minimum three year period. Typical measures may fall under the following categories (weighted 25% each):
	Performance is assessed against a range of financial and non-financial measures to encourage superior long-term value creation for shareholders.	A minimum three year performance period will apply. The award will have an overall five year vest period, vesting equally in years four and five.	For these purposes, awards will be valued in line with the EBA rules, including any available discount for long-term deferral.	<ul style="list-style-type: none"> <li>· Economic Profit</li> <li>· Relative TSR</li> <li>· Safe &amp; Secure Bank</li> <li>· Customers &amp; People</li> </ul>
		As a minimum, shares will be subject	In addition to the regulatory ratio which currently limits variable pay to the level of fixed pay, awards for executive directors are subject to a maximum of 300% of	An underpin gives the Committee discretion

<p>Delivery in shares with the ability to apply malus adjustments and clawback further supports longer-term alignment with shareholders' interests.</p>	<p>to deferral and retention periods as required by UK regulators.</p> <p>Provisions for malus adjustment of unvested awards and clawback of vested awards.</p>	<p>base salary <sup>(1)</sup>.</p> <p>The vesting level of the award could vary between 0% and 100% dependent on the achievement of performance conditions.</p>	<p>to reduce vesting amounts in light of underlying financial results, or conduct and risk management effectiveness.</p> <p>These or similar measures and weightings will be applied to reflect the strategy going forward.</p>
	<p>The long-term incentive award will be delivered under the RBS 2014 Employee Share Plan, as approved by shareholders at the 2014 AGM.</p>		<p>Details of the performance measures for awards to be granted in 2016 are set out as part of the implementation of remuneration policy on page 81.</p>

Note:

(1) Adjustments will be made to award levels where necessary to ensure that executive directors remain within the variable to fixed limit.

Other pay elements

<b>Element of pay</b>	<b>Purpose and link to strategy</b>	<b>Operation</b>	<b>Maximum potential value</b>
Shareholding requirements	To ensure executive directors build and continue to hold a significant shareholding to align interests with shareholders.	A period of five years is allowed in which to build up shareholdings to meet the required levels.	Chief Executive - 250% of salary. Chief Financial Officer - 125% of salary.



Any unvested share awards are excluded from the calculation. Requirements may be reviewed in future.

## **Directors' Remuneration Policy**

### **Recruitment remuneration policy**

RBS considers both internal and external candidates and assesses the skills and experience required for each role. Pay is generally set at no more than is required to attract the most suitable candidate for the role.

A buy-out policy exists to replace awards forfeited or payments foregone. The Committee will seek to minimise buy-outs wherever possible and will seek to ensure they are no more generous than, and on substantially similar terms to, the original awards or payments they are replacing. No sign-on awards or other payments will be offered.

The maximum level of variable pay which may be granted to new executive directors is the same as that applicable to existing executive directors, excluding any buy-out arrangements.

The Chairman and non-executive directors do not receive variable pay.

### **Service contracts and termination**

RBS or the executive director is required to give 12 months' notice to the other party to terminate the executive director's employment.

There are no pre-determined provisions for compensation on termination.

There is discretion for RBS to make a payment in lieu of notice (based on salary only) which is released in monthly instalments. The executive director must take all reasonable steps to find alternative work and any remaining instalments will be reduced as appropriate to offset income from any such work.

Any incentive awards will be treated in accordance with the relevant plan rules as approved by shareholders. Any outstanding share awards held by 'good leavers' will vest, normally on the original vesting dates, and shares from the fixed share allowance will continue to be released over the applicable five year retention period in order to ensure former executive directors maintain an appropriate interest in RBS shares.

Non-executive directors do not have service contracts or notice periods although they have letters of appointment reflecting their responsibilities and time commitments. No compensation would be paid to any non-executive director in the event of termination of appointment.

#### Arrangements for the Chairman

Under his letter of appointment, Howard Davies or RBS can terminate his appointment by giving notice, such notice to take immediate effect. In the event that his election or re-election is not approved by shareholders, the appointment will terminate automatically with immediate effect. No compensation or payment in lieu of notice will be payable upon termination of his appointment.

#### Election or re-election of directors

In accordance with the provisions of the UK Corporate Governance Code, all directors of the company stand for election or re-election annually by shareholders at the company's AGM.

Neither of the current executive directors hold a non-executive director role at any other company.

#### **Consideration of employment conditions elsewhere in the company**

The Committee retains oversight of remuneration policy for all employees to ensure there is a fair and consistent approach throughout the organisation. The policy uses deferral, malus and clawback to promote effective risk management and alignment with shareholders' interests.

Consultation on remuneration generally takes place with our social partners, including representatives from UNITE. RBS is a fully accredited Living Wage employer and we set our minimum pay (including benefit funding) higher than required for this.

An annual employee opinion survey takes place which includes a number of questions on pay and culture. This includes questions on how pay is determined and evaluated, including the need to consider both 'what' and 'how' outcomes have been achieved, and whether employees believe they are paid fairly for the work they do.

While employees are not directly consulted on the directors' remuneration policy, around 28,000 of our employees are shareholders through our incentive and all-employee share plans and have the ability to express their views through voting on the Directors' Remuneration Report.

**Directors' Remuneration Policy****Remuneration policy for the Chairman and non-executive directors**

<b>Element of pay</b>	<b>Purpose and link to strategy</b>	<b>Operation</b>	<b>Maximum potential value</b>	<b>Performance metrics and period</b>
	To provide a competitive level of fixed remuneration that reflects the skills, experience and time commitment required for the role.	Fees are paid monthly.  The level of remuneration reflects their responsibility and time commitment and the level of fees paid to directors of comparable major UK companies.	The rates for the year ahead are set out in the annual report on remuneration on the next page.  Any future increases to fees will be considered against fees paid to directors of comparable companies and will not normally be greater than the average inflation rate over the period under review, taking into account that any change in responsibilities, role or time commitment may merit a larger increase.	
Fees	No variable pay is provided so that the Chairman and non-executive directors can maintain appropriate independence, focus on long-term decision making and constructively challenge performance of the executive directors.	The Chairman and non-executive directors do not participate in any incentive or performance plan.  Fees are reviewed regularly.	Additional fees may be paid for new Board Committees provided these are not greater than fees payable for the existing Board Committees as detailed in the annual report on remuneration.	n/a
Benefits	Any benefits offered would be in line with market practice.	Reimbursement of reasonable out-of-pocket expenses incurred in performance of duties.  The Chairman also receives private medical	The value of the private medical cover provided to the Chairman will be in line with market rates and disclosed in the annual report on remuneration.	n/a

cover.

**Annual report on remuneration****Annual report on remuneration**

The sections audited by the company's auditors, Deloitte LLP, are as indicated.

**Implementation of remuneration policy in 2016**

No changes have been made to the underlying policy for 2016.

**Executive directors**

	Salary	Benefits	Pension 35% of salary	Fixed share allowance 100% of salary (1)	Long-term incentive (LTI) award calculated in line with regulatory cap (2)
Chief Executive	£1,000,000	£26,250 (3)	£350,000	£1,000,000	£2,680,000
Chief Financial Officer	£800,000	£26,250	£280,000	£800,000	£2,150,000

Notes:

(1) Fixed share allowance will be payable broadly in arrears, currently in two instalments per year, and the shares will be released in equal tranches over a five year period.

The LTI that can be awarded in 2016 is limited to the level of fixed remuneration. Before applying the discount (2) factor for long-term deferral, calculated in line with EBA rules, the face value for the LTI is approximately 113% of fixed remuneration. The performance measures and targets are set out on page 81.

(3) Also entitled to a flight allowance as part of his relocation arrangements, the value of which will be disclosed in the total remuneration table.

**Chairman and non-executive directors' fees for 2016**

Chairman (composite fee)		£750,000
Non-executive director basic fee		£72,500
Senior Independent Director		£30,000
Group Audit Committee (GAC), Group Performance and Remuneration Committee (RemCo),	Member	£30,000
Board Risk Committee (BRC) and Sustainable Banking Committee (SBC)	Chairman	£60,000
Board Oversight Committee (BOC) for RCR, CIB and GRG	Member	£15,000
US Risk Committee	Chairman	£30,000
Group Nominations Committee (until January 2016)	Member	£10,000
Group Nominations and Governance Committee (from February 2016)	Member	£15,000

Morten Friis is the RBS Board nominated member of the Steering Group to oversee compliance remediation activities in respect of RBS' US businesses for which he receives fees of £15,000 per annum. In terms of changes for 2016, the RCR BOC held its final meeting in January 2016 and has been disbanded. The expectation is that the GRG BOC will be stood down during the course of 2016. A US Risk Committee has been established to comply with Enhanced Prudential Standards and to oversee risk management of our US operations. The first meeting of the US Risk Committee will take place during 2016. The Group Nominations Committee has been replaced by the Group Nominations and Governance Committee, with an expanded remit and a reduced number of members. This is to deliver a more streamlined nominations process and a stronger overall governance framework for the Board and its Committees.

Total remuneration paid to executive directors for 2015  
(audited)

	Ross McEwan		Ewen Stevenson	
	2015	2014	2015	2014
	£000s	£000s	£000s	£000s
Salary	1,000	1,000	800	497
Fixed share allowance	1,000	—	800	497
Benefits (1)	88	143	26	16
Pension	350	350	280	174
Total fixed remuneration	2,438	1,493	1,906	1,184
Annual bonus	n/a	n/a	n/a	n/a
Long-term incentive award (2)	1,347	324	—	—
Other awards (3)	—	—	—	1,911
Total remuneration	3,785	1,817	1,906	3,095

Notes:

(1) Benefits figure includes standard benefit funding of £26,250 per annum with the remainder being relocation expenses provided to Ross McEwan.

(2) The value in 2015 for Ross McEwan relates to an LTI award granted in 2013. The performance conditions ended on 31 December 2015 and have been assessed as set out on the next page. The value for 2014 has been restated from the estimated value of £358,000 provided in the 2014 report to reflect the value on the vesting date in August 2015.

(3) The amount shown for Ewen Stevenson in 2014 relates to an award made on appointment to replace the value of awards forfeited on leaving Credit Suisse. The award was delivered entirely in shares and subject to deferral, on terms that are no more generous than the terms of the awards replaced.



**Annual report on remuneration**

LTI vesting amount included in the total remuneration table (audited)

Ross McEwan was granted an LTI award in March 2013 while CEO of UK Retail, prior to becoming Chief Executive in October 2013. His change in role during the three year vesting period has resulted in a weighting of 25% based on performance of UK Retail and 75% based on RBS-wide measures. The performance conditions ended on 31 December 2015 and the award is due to vest in March 2016. The average share price over the last three months of the financial year has been used to estimate the vesting value.

Number of shares under award	Vesting outcome for UK Retail measures (1)	Vesting outcome for RBS-wide measures (2)	Final vesting outcome (weighted 25%:75%)	Number of shares to vest in March 2016	Average share price	Value for total remuneration table
					October – December 2015	
696,152	80%	56%	62%	431,614	£3.12	£1,346,636

Notes:

The performance measures applicable for UK Retail were based on: Financial targets (weighted 50%) covering risk weighted assets, RWAE, nominal assets, loan:deposit ratio, return on equity, operating profit, cost:income ratio; Customer measures (weighted 10%); People measures (weighted 10%); and Risk measures (weighted 30%). All financial targets were deemed to have been met in full other than the cost:income ratio which was considered partially met at 54% versus a 51% target. The customer, people and risk measures were also ranked as partially met. The Committee also considered recommendations from the BRC in determining the final outcome.

(2) This element follows the performance conditions applicable to the overall RBS-wide measures for the 2013 LTI awards and the assessment is detailed below.

**2013 LTI – final assessment of RBS-wide performance measures (audited)**

An assessment of performance of each relevant element was provided by the control functions and PwC assessed relative TSR performance against a peer group of comparator banks. The Committee determined overall vesting based on these assessments including consideration of the drivers of performance and the context against which it was delivered.

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Performance Measure	Weighting	Performance for minimum vesting	Vesting at minimum	Performance for maximum (100%) vesting	Actual Performance	Vesting outcome	Weighted Vesting %
Economic Profit	25%	(£3.5 billion)	25%	£1 billion	(£1.2 billion)	62%	16%
Relative TSR	25%	TSR at median	20%	TSR at upper quartile	31 <sup>st</sup> percentile ranking	0%	0%
Balance Sheet & Risk	25%	Half objectives met	25%	Objectives met or exceeded in all material respects	10/11 targets met (1)	90%	22%
Strategic Scorecard	25%		25%		6/8 targets met (2)	72%	18%
Overall vesting outcome (3)							56%

Notes:

(1) The following ten targets were all met or exceeded over the performance period to 31 December 2015: Core Tier 1 capital >10%; leverage ratio <18x; wholesale funding <10%; liquidity reserves >1.5x short-term wholesale funding; loan:deposit ratio c.100%; non-core run down and cumulative non-core loss before tax of c£3.6bn; Core Tier 1 capital on fully loaded Basel 3 basis >=10%; leverage ratio based on tangible equity <18x; liquidity coverage ratio >100%; net stable funding ratio >100%. Some improvement was still needed in the conduct risk target which was deemed not to have been met.

(2) The following six targets were met or exceeded: lending growth to be in line with market share and, for 2015, lending growth >= nominal UK GDP growth; retaining place in the Dow Jones Sustainability Index; leadership index to be within 5% of Global Financial Services (GFS) norm; engagement index to be within 5% of GFS norm; embedding the Group's values; succession planning in place across the franchises and functions. The two targets that were not met were the cost:income ratio of 55% and customer targets where performance has improved but over the three year period the performance was not considered sufficient.

(3) In determining the outcome above, the Committee reviewed financial and operational performance against the Strategic Plan and risk performance with input from the BRC.

**Annual report on remuneration****2014 and 2015 LTI awards to executive directors – current assessment (audited)**

The table represents an early indication of potential vesting outcomes only based on the position at 31 December 2015. The 2014 LTI award is due to vest in March 2017 and the 2015 LTI award will vest equally in March 2019 and March 2020. Details of performance against targets and any use of discretion will be disclosed once the awards vest.

Performance measure	Weighting	Performance for minimum vesting	Vesting at minimum	Performance for maximum vesting	Vesting at maximum	2014 current assessment	2015 current assessment
Economic Profit	25%	Minimum economic profit targets	25%	Performance ahead of the Strategic Plan	100%	Good progress and broadly in line with target set	Good progress and favourable to target set
Relative TSR	25%	TSR at median of comparator group	20%	TSR at upper quartile of comparator group	100%	Between median and upper quartile vesting	Below median performance for vesting
Safe & Secure Bank	25%	CET1 ratio and Cost:income ratio	Vesting between 0% – 100%	qualified by Committee discretion taking into account the margin by which targets have been missed or exceeded		CET1 ratio is in range for vesting. Cost:income ratio is broadly in line with target	CET1 ratio is in range for vesting. Cost:income ratio is broadly in line with target
Customers & People	25%	Net Promoter Score, Net Trust Score (for 2015 awards) and Employee Engagement				Customer measures behind target range with People measures on target	Measures currently tracking behind target range

## LTI awards granted during 2015 (audited)

	Grant date	Face value of award (£000s)	Number of shares awarded (1)	% vesting at minimum and maximum	Performance requirements
Ross McEwan	6 March 2015	1,560	417,486	Between 0% - 100% with minimum vesting as set out above	Conditional share awards subject to performance conditions, as set out above, measured over the three year period from 1 January 2015 to 31 December 2017
Ewen Stevenson	6 March 2015	2,160	578,128		

## Note:

The number of shares awarded is based on a multiple of salary, 156% for Ross McEwan and 270% for Ewen (1)Stevenson, in line with the regulatory cap that limits variable pay to the level of fixed pay. The award price of £3.7362 was calculated based on the average share price over five business days prior to the grant date.

## Annual report on remuneration

### LTI awards to be granted to executive directors in 2016

#### Performance criteria

The performance measures are designed to be stretching and to support delivery of the business strategy. A three year performance period will apply until 31 December 2018. Subject to the achievement of the performance conditions, shares will then vest in equal tranches in years four and five. Any awards that vest will be subject to a retention period in line with regulatory requirements.

Awards granted to executive directors in March 2016 will be subject to four equally weighted performance categories, each able to vest up to 100% of base salary, subject to the maximum award that is possible under the approved policy and the regulatory cap. Details of the performance measures and the Committee's rationale for selecting them are set out below.

#### Economic Profit (25%)

**Reason:** Economic Profit, being a risk-adjusted financial measure, is consistent with regulatory requirements and provides a balance between measuring growth and the cost of capital employed in delivering that growth.

**Measure:** Economic Profit for the Group defined as profit after tax less preference share charges less tangible net asset value multiplied by the cost of equity.

#### Performance target and weightings

Weighting	Performance target	Vesting range
25%	Target consistent with the achievement of RBS' strategic long term return on equity target of 12%+	25% - 100%

Details of the actual targets, and performance against these, will be disclosed retrospectively after any vesting has been determined, in the annual report on remuneration for 2018.

#### Relative Total Shareholder Return (25%)

**Reason:** Relative TSR provides a direct connection between executive directors' awards and relative returns delivered to shareholders.

**Measure:** The measure compares performance against a group of comparator banks. The TSR comparator group has been updated for awards made in 2016 to more accurately reflect the business strategy with less focus on investment banking. This has resulted in Credit Suisse, Deutsche Bank and UBS being replaced by ING, Intesa San Paolo and Nordea. The weighting of Standard Chartered has been reduced to be in line with continental European banks given its international focus.

### Relative TSR Comparator Group

- 1 Barclays
- 2 Lloyds Banking Group
- 3 HSBC
- 4 to 13 BBVA, BNP Paribas, Credit Agricole, ING, Intesa San Paolo, Nordea, Santander, Societe Generale, Standard Chartered

### Performance target and weightings

Weighting	Performance target	Vesting range
25%	TSR between median and upper quartile	20% - 100%

### Safe & Secure Bank (25%)

**Reason:** The Safe & Secure Bank measures have a particular focus on risk reduction and the building of a safer, sustainable business.

**Measure:** The key measures in this category are the achievement of pre-determined Common Equity Tier 1 (CET1) and Cost:income (C:I) ratios.

### Performance target and weightings

Category	Metrics	Performance target
Safe & Secure Bank	CET1 ratio (12.5%)	Target consistent with RBS' strategic long term CET1 ratio target of 13%
	C:I ratio (12.5%)	Target consistent with RBS' strategic long term C:I ratio target of <50%

Details of the actual targets, and performance against these, will be disclosed retrospectively after any vesting has been determined, in the annual report on remuneration for 2018.

### Customers & People (25%)

**Reason:** These measures reward management for building a customer-focused business with strength in terms of trust, reputation and the engagement of employees.

**Measure:** Net Promoter Scores (NPS) and Net Trust Scores (NTS) will be used, measured against a defined peer group. Employee engagement will be measured against the Global Financial Services (GFS) norm.

### Performance target and weightings

Category	Metrics	Performance target
Customers & People	Advocacy	NPS gap to #1 of 2.3 (1)
	(7.5%)	
	Trust	NTS: NatWest 63, RBS 50
	(5%)	
	Engagement	Employee Engagement Index one point above GFS norm
	(12.5%)	

Note:

The NPS metric adopted is a bank-wide measure of the gap to #1 bank, which RBS plans to close to zero by 2020. (1) It is calculated using the gap to #1 leading competitor in each customer segment, weighted by the revenue contribution of each segment.

The overall vesting under the above categories will be qualified by the Committee's discretion taking into account changes in circumstances over the performance period, the margin by which individual targets have been missed or exceeded, and any other relevant factors.

### Underpin

The Committee will also review financial and operational performance against the business strategy and the risk environment prior to agreeing vesting of awards. In assessing the risk considerations, the Committee will be advised independently by the BRC. If the Committee considers that the vesting outcome calibrated in line with the performance conditions outlined above does not reflect underlying financial results, or if the Committee is not satisfied that conduct and risk management during the performance period has been effective, then the terms of the awards allow for an underpin to be used to reduce vesting or lapse the award.





**Annual report on remuneration**

## Payments for loss of office (audited)

Philip Hampton stood down from the Board on 31 August 2015. No remuneration payment or payment for loss of office was made in connection with his departure.

## Payments to past directors (audited)

Stephen Hester and Bruce Van Saun received shares on 9 March 2015 on the vesting of the LTI award granted in 2012 as set out below. The assessment of RBS-wide performance measures is detailed on page 85 of the 2014 Annual Report and Accounts.

**Value of payments on vesting (audited)**

Performance category	% vesting	Stephen Hester		Value (3)	Bruce Van Saun		Value (3)
		Maximum RBS shares (2)	Vested RBS shares		Maximum CFG shares (2)	Vested CFG shares	
Economic Profit	53%	261,998	138,859		72,528	38,440	
Relative TSR	68%	261,998	178,158		72,528	49,319	
Balance Sheet & Risk	100%	261,998	261,998		72,528	72,528	
Strategic Scorecard	25%	261,998	65,499		72,528	18,132	
Initial vesting outcome based on above	61.5%		644,514			178,419	
				£2,131,747			\$4,089,180
Final outcome post application of underpin (1)	55.25%		579,279			160,360	
<i>Check within maximum shares available to vest</i>			785,995			217,586	

## Notes:

The Committee also considered recommendations from the BRC and concluded it would be appropriate to apply (1) the risk and financial performance underpin in respect of the above awards. This resulted in downward discretion being applied to reduce the final vesting outcome from 61.5% to 55.25%.

(2) The maximum number of shares is calculated in line with the underlying award structure where each of the four performance categories could give rise to shares worth 100% of salary at grant but with the overall maximum capped at 300% of salary. The number has been reduced on a pro rata basis to reflect time served by Stephen Hester. The interests for Bruce Van Saun's award were converted to shares in Citizens Financial Group, Inc. as part

of the IPO of that business.

(3) Based on a RBS share price of £3.68 and Citizens Financial Group, Inc. share price of \$25.50 on the date of vesting.

Total pension entitlements – Bruce Van Saun (audited)

Bruce Van Saun's Unfunded Unapproved Retirement Benefit Scheme (UURBS) operated as a cash balance plan. Under the rules of his UURBS, the benefit paid out on 1 April 2015 and there is no further entitlement to benefits from the scheme. The current executive directors do not participate in RBS defined benefit pension arrangements but receive a cash allowance instead.

	2015	2014
	£000s	£000s
Balance at 1 January	1,071	1,030
Investment return	7	41
Paid to Bruce Van Saun on 1 April 2015	1,078	
Total value of fund at 31 December	—	1,071

Total remuneration paid to the Chairman and non-executive directors for 2015 (audited)

While no changes were made to the fee structure during 2015, two additional Board Oversight Committees (BOCs) were established and fees are payable in line with those for the RCR BOC. The CIB BOC was established in March 2015 with a mandate to oversee the implementation of the CIB strategy without placing additional burdens on the existing Committee framework. The GRG BOC was established in May 2015 in order to provide oversight of the work and findings of the expert panel engaged to conduct an independent review of customer files and to provide advice in relation to matters generally related to GRG. The total fees paid are set out below.

	Chairman (composite fee)			Non-executive directors (3)		
	Fees 2015	Benefits 2015	Total 2015	Fees 2014	Benefits 2014	Total 2014
	£000s	£000s	£000s	£000s	£000s	£000s
Howard Davies (1)	260	2	262	—	—	—
Philip Hampton (2)	500	1	501	750	1	751
	Fees 2015	Benefits 2015	Total 2015	Fees 2014	Benefits 2014	Total 2014
	£000s	£000s	£000s	£000s	£000s	£000s
Sandy Crombie (4)	73	10	83	73	10	83
Alison Davis	73	10	83	141	—	141
Morten Friis (4)	73	10	83	112	—	112

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Robert Gillespie (4)	73	10	30	30	30	23	9	100	305	—	305	184	—	184
Penny Hughes	73	10		30	60		9		182	—	182	178	—	178
Brendan Nelson	73	10	60	30		15	11	18	217	—	217	183	—	183
Baroness Noakes	73	10	30	60		30	11	9	223	—	223	186	—	186

Notes:

(1) Howard Davies joined the Board on 14 July 2015 and became Chairman with effect from 1 September 2015. The Benefits column includes private medical cover.

(2) Philip Hampton stepped down from the Board on 31 August 2015. The Benefits column includes private medical cover.

(3) In line with market practice, non-executive directors are reimbursed expenses incurred in connection with their attendance at Board meetings. To the extent that HMRC determines that any amounts are taxable, RBS will settle the associated tax liability on behalf of the non-executive director.

(4) Under the 'Other' column, Sandy Crombie received fees as the Senior Independent Director and Morten Friis received fees for his work on the US steering group. Robert Gillespie was the RBS nominated director of Citizens Financial Group, Inc. (CFG) until 3 November 2015 for which he received fees, delivered in cash and in restricted stock units in CFG. The value shown has been converted using an average exchange rate during 2015 of \$1.528:£1.

**Annual report on remuneration****Directors' interests in shares and shareholding requirements (audited)**

The target shareholding requirement is to hold shares to the value of 250% of salary for the Chief Executive and 125% of salary for the Chief Financial Officer and members of the Executive Committee, excluding any unvested share awards in the calculation. A period of five years is allowed in which to build up shareholdings to meet the required levels. Shareholding requirements will be considered when relevant individuals request permission to sell shares and the Committee receives annual updates on progress towards meeting these requirements.

## Notes:

Ross McEwan holds 159,393 shares from his 2015 fixed share allowance that are included in the total shares (1)beneficially owned but these have been excluded from the shareholding requirements calculation as he will transfer these shares to charity at the end of the retention period.

(2) Value of shares held is based on the share price on 31 December 2015, which was £3.02. During the year ended 31 December 2015, the share price ranged from £2.83 to £4.04.

**Share interests held by directors**

	Shares owned					
	at 31 December 2015  (or date of cessation if earlier)	% of issued share capital	Value (£)  (1,2)	% of shareholding requirement met	Unvested Long-term incentive awards	Unvested Deferral Plan awards
Ross McEwan	974,781	0.008386	£2,462,472	98.5%	2,028,831	18,797
Ewen Stevenson	277,300	0.002385	£837,446	83.7%	1,013,739	—
Howard Davies	1,000	0.000009				
	20,000	0.000172				

Sandy Crombie		
Alison Davis	20,000	0.000172
Morten Friis (3)	20,000	0.000172
Robert Gillespie	25,000	0.000215
Penny Hughes	562	0.000005
Brendan Nelson	12,001	0.000103
Baroness Noakes	21,000	0.000181
Former Chairman Philip Hampton	27,630	0.000238

## Notes:

Ross McEwan holds 159,393 shares from his 2015 fixed share allowance that are included in the total shares (1) beneficially owned but these have been excluded from the shareholding requirements calculation as he will transfer these shares to charity at the end of the retention period.

(2) Value is based on the share price at 31 December 2015, which was £3.02. During the year ended 31 December 2015, the share price ranged from £4.04 to £2.83.

(3) Interest is 10,000 American Depository Receipts representing 20,000 ordinary shares.

No other director had an interest in the company's ordinary shares during the year or held a non-beneficial interest in the shares of the company at 31 December 2015, at 1 January 2015 or date of appointment if later. The interests shown above include connected persons of the directors. As at 25 February 2016, there were no changes to the directors' interests in shares shown in the table above.

**Directors' interests under the Group's share plans (audited)****Long-term incentive awards**

Awards held at	Awards granted	Award price	Awards vested	Market price on vesting	Value on vesting	Awards lapsed in	Awards held at	Expected vesting date
1 January 2015	in 2015	£	in 2015	£	£	2015	31 December 2015	

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Ross McEwan	130,841	(1)	2.14	95,318	3.40	324,081	35,523	—	
	696,152		3.09					696,152	08.03.16
	915,193		3.28					915,193	07.03.17
		417,486	3.74					417,486	06.03.19 – 06.03.20
	1,742,186	417,486		95,318			35,523	2,028,831	
Ewen Stevenson	584,506	(2)	3.27	148,895	3.78	562,823		435,611	07.03.16 – 07.03.17
		578,128	3.74					578,128	06.03.19 – 06.03.20
	584,506	578,128		148,895				1,013,739	

**Deferred awards**

	Awards held at 1 January 2015	Awards granted in 2015	Award price £	Awards vested in 2015	Market price on vesting £	Value on vesting £	Awards lapsed in 2015	Awards held at 31 December 2015	Expected vesting date
Ross McEwan	37,596		3.09	18,799	3.78	71,060		18,797	08.03.16

Notes:

(1) Relates to an award made to Ross McEwan on joining RBS as CEO UK Retail in September 2012 to replace awards forfeited on leaving Commonwealth Bank of Australia.

(2) Award granted to Ewen Stevenson on appointment in May 2014 to replace awards forfeited on leaving Credit Suisse.

**Annual report on remuneration****Total Shareholder Return (TSR) performance**

The graph below shows the performance of RBS over the past seven years in terms of TSR compared with that of the companies comprising the FTSE 100 Index. This index has been selected because it represents a cross-section of leading UK companies. The TSR for FTSE UK banks for the same period has been added for comparison. *Source: Datastream*

**Chief Executive pay over same period**

	2009	2010	2011	2012	2013 (1)	2014	2015
Total remuneration (£000s)	1,647	3,687	1,646	1,646	1,235 (SH)	—	—
					378 (RM)	1,817	3,785
Annual bonus against maximum opportunity	0%	85%	0%	0%	0%	n/a	n/a
LTI vesting rates against maximum opportunity	0%	0%	0%	0%	0%	72.85%	62%

Note:

(1) 2013 remuneration includes Stephen Hester (SH) as CEO for the period to 30 September and Ross McEwan (RM) for the period from 1 October to 31 December 2013.

**Change in Chief Executive pay compared with employees**

The table below shows the percentage change in remuneration for the Chief Executive between 2014 and 2015 compared with the percentage change in the average remuneration of RBS employees based in the UK. In each case, remuneration is based on salary, benefits and annual bonus.

Salary	Benefits	Annual Bonus
2014 to 2015 change	2014 to 2015 change	2014 to 2015 change

Chief Executive (1)	0%	0%	n/a
UK employees (2)	3.15%	3.71%	(8.1%)

## Notes:

Executive directors are not eligible for an annual bonus. Standard benefit funding for executive directors remained unchanged between 2014 and 2015. The benefits for the Chief Executive excludes the relocation expenses

(1) provided to Ross McEwan as part of his recruitment as CEO UK Retail in 2012. The value of relocation benefits is disclosed each year in the total remuneration table. In 2015, Ross McEwan also received a fixed share allowance as part of his fixed pay.

(2) Data represents full year salary costs of the UK based employee population, which covers the majority of RBS employees and is considered to be the most representative comparator group.

**Relative importance of spend on pay**

The table below shows a comparison of remuneration expenditure against other distributions and charges.

	2015 (1) 2014 (1)		
	£m	£m	change
Remuneration paid to all employees (2)	5,208	5,225	(0.3%)
Distributions to holders of ordinary shares	—	—	
Distributions to holders of preference shares and paid-in equity (3)	385	699	(45%)
Taxation and other charges recognised in the income statement:			
- Social security, Bank levy and Corporation tax	597	2,538	(76%)
- Irrecoverable VAT and other indirect taxes incurred by RBS (4)	691	665	3.9%

## Notes:

(1) Numbers exclude discontinued operations, principally CFG.

(2) Remuneration paid to all employees represents total staff expenses per Note 3 to the Financial Statements, exclusive of social security and other staff costs.

(3) Includes initial payment relating to the initial dividend on the Dividend Access Share in 2014.

(4) Input VAT and other indirect taxes not recoverable by RBS due to it being partially exempt.

The items above have been included as they reflect the key stakeholders for RBS and the major categories of distributions and charges made by RBS.



## Annual report on remuneration

### Consideration of matters relating to directors' remuneration Membership of the Group Performance and Remuneration Committee

All members of the Committee are independent non-executive directors. The Committee held nine scheduled meetings in 2015 and a further two ad hoc meetings.

	Attended/ scheduled
Sandy Crombie (Chairman)	9/9
Alison Davis	9/9
Robert Gillespie	9/9

### The role and responsibilities of the Committee

The Committee is responsible for:

- approving the remuneration policy for all employees and overseeing its implementation;
- reviewing performance and making recommendations to the Board in respect of the remuneration arrangements of the executive directors;
- approving remuneration arrangements for members and formal attendees of the Executive Committee and employees with total annual compensation which exceeds £1 million; and
- setting the remuneration framework and principles for Material Risk Takers falling within the scope of UK regulatory requirements.

In mitigating potential conflicts of interest, directors are not involved in decisions regarding their own remuneration and remuneration advisers are appointed by the Committee rather than management. The terms of reference of the Committee are reviewed annually and available on [rbs.com](http://rbs.com).

### Summary of the principal activity of the Committee in 2015

The Committee considered issues under the accountability review process at every meeting. Future pay construct and people proposition was considered at the majority of meetings. Set out below is a summary of other key activities

considered by the Committee.

### **First quarter**

2014 performance reviews and remuneration arrangements for members and attendees of the Executive Committee and high earners.

Approval of variable pay pools and the Directors' Remuneration Report.

Assessment of the performance to date of unvested LTI awards and performance targets for 2015 awards.

Executive Committee members' 2015 objectives.

### **Second quarter**

Key external trends.

Group Sales and Service Incentive Committee annual incentive report.

Divestment principles and leaver treatment.

Strategic direction of incentives.

### **Third quarter**

Removal of incentives for customer-facing employees in PBB.

Review of the implementation of the remuneration policy.

External environment including PRA changes to the Remuneration Code.

Remuneration Policy Statement for the PRA.

Remuneration proposals for specific business areas including Williams & Glyn, RCR, PBB and CIB.

### **Fourth quarter**

2015 preliminary pay elements including bonus pool, deferral and LTI awards.

Executive Committee members' annual objectives for 2016.

Review of pay construct for executive directors.

Stakeholder engagement and remuneration disclosures.

**Performance evaluation process**

The Committee has considered the findings of the annual review of the effectiveness of the Committee which was conducted by Condign Board Consulting Limited, an external consultant.

Overall the review concluded that the Committee continued to operate effectively. Executives and non-executives continued to develop effective working relationships, supported by a more consistent operating rhythm. In particular, the Masterclasses, where in-depth consideration is given to specific matters, continued to make a positive impact and the Committee had provided strong and consistent leadership of the remuneration agenda. The review also identified scope for improvements in paper quality in some instances with the addition of more comparative data and analysis.

The review included a small number of general recommendations which are relevant for both the Board and its senior committees. Key themes and actions arising from these general recommendations are set out in the Board report on pages 51 and 52 and will be considered, and addressed as appropriate, at Board level. The review also recommended that all Committee Chairs should ensure continued focus on agenda planning and streamlined reporting to the Board, which will be a priority for the Committee during 2016. The review did not include any specific recommendations relating solely to the Group Performance and Remuneration Committee.

## Annual report on remuneration

### Advisers to the Committee

The Committee reviews its selection of advisers annually. PricewaterhouseCoopers LLP (PwC) was appointed as the Committee's remuneration advisers on 14 September 2010 following a review of potential advisers, and the appointment was reconfirmed by the Committee in July 2015 after an annual review of the quality of the advice received and fees charged. PwC is a signatory to the voluntary code of conduct in relation to remuneration consulting in the UK.

PwC also provide professional services in the ordinary course of business including assurance, advisory, tax and legal advice to RBS subsidiaries. The Chairman of the Committee is notified of other remuneration work that is being undertaken by PwC. In addition, there are processes in place to ensure the advice received by the Committee is independent of any support provided to management. As well as receiving advice from PwC in 2015, the Committee took account at meetings of the views of the Chairman; Chief Executive; Chief Financial Officer; Chief HR Officer; the Director of Organisation and Performance; the Chief Governance Officer and Board Counsel; the Chief Risk Officer; and the Chief Conduct and Regulatory Affairs Officer. The fees paid to PwC for advising the Committee in relation to directors' remuneration are charged on a time/cost basis and in 2015 amounted to £121,358 excluding VAT (2014 - £137,749).

### Statement of shareholding voting

The tables below set out the voting by shareholders on the resolution to approve the Annual Report on Remuneration at the AGM held in June 2015 and the resolution at the AGM in June 2014 when the Directors' Remuneration Policy was last approved.

#### Annual Report on Remuneration – 2015 AGM

For	Against	Total votes cast	Withheld
21,832,926,636	149,116,116	21,982,042,752	37,397,980
(99.32%)	(0.68%)		

#### Directors' Remuneration Policy – 2014 AGM

For	Against	Total votes cast	Withheld
20,893,215	888,703	20,963,598	170,307,216
(99.66%)	(0.34%)		

### **Shareholders' views on the remuneration policy**

An extensive consultation is undertaken every year with major shareholders including UKFI and other stakeholders on our remuneration approach. The process takes place in sufficient time for shareholders' views to be considered prior to the Committee making any final decisions on remuneration and variable pay awards.

Discussions during the latest consultation covered a range of topics including strategic direction, employee engagement, IT resilience and cyber security. Shareholders asked a number of questions including the process for making adjustments to the bonus pool in relation to conduct and litigation costs. The Chairman of the Committee explained the bonus adjustment process and the need to consider the proximity of current employees when making such adjustments.

The Chairman noted during discussions that, while bonus pool levels have been coming down year on year, it was important that RBS did not become too disconnected from industry norms and that a commercial approach was required.

Shareholders also asked if RBS was experiencing any difficulties in hiring employees in light of pay levels. The Chairman of the Committee noted that, while RBS operates under a slightly different pay construct to some competitors, this may help to ensure employees that do join want to be part of RBS in the longer term.

In addition to the annual consultation process, two shareholder events took place in 2015 outside of the AGM to allow directors to engage with private shareholders, regardless of the size of their shareholding.

Shareholders continue to play a vital role in developing remuneration practices that support the long-term interests of the business and the Committee is grateful and greatly encouraged by their involvement in the process.

### **Shareholder dilution**

During the ten year period to 31 December 2015, awards made that could require new issue shares under the company's share plans represented 4.8% of the company's issued ordinary share capital, leaving an available dilution headroom of 5.2%. The company meets its employee share plan obligations through a combination of new issue shares and market purchase shares.

Sandy Crombie

Chairman of the Group Performance and Remuneration Committee

25 February 2016

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**Other Remuneration Disclosures****Remuneration of eight highest paid senior executives below Board (1)**

(£000s)	Executive 1	Executive 2	Executive 3	Executive 4	Executive 5	Executive 6	Executive 7	Executive 8
Fixed pay (cash)	725	725	600	638	550	575	600	600
Fixed allowances	959	959	600	638	550	288	600	300
Annual bonus	—	—	—	—	—	—	—	—
Long-term incentive awards (vested value)	458	458	735	513	363	494	—	—
Total remuneration (2)	2,142	2,142	1,935	1,789	1,463	1,357	1,200	900

Notes:

(1) Remuneration earned in 2015 for eight members of the Executive Committee. Full year earnings have been reported including those individuals promoted to the Executive Committee part way through 2015.

(2) Disclosure includes prior year long-term incentive awards which vested during 2015. The amounts shown reflect the value of vested awards using the share price on the day the awards vested.

**How risk is reflected in our remuneration process**

The RBS remuneration policy explicitly aligns remuneration with effective risk management. Focus on risk is achieved through clear risk input into objectives, performance reviews, the determination of variable pay pools and incentive plan design as well as the application of malus and clawback. The Committee is supported in this by the BRC and the RBS Risk function.

A robust process is used to assess risk performance. A range of measures are considered, specifically the overall Risk Profile; Credit, Regulatory and Conduct Risk; Operational Risk; Enterprise Risk; and Market Risk. The steps we take to ensure appropriate and thorough risk adjustment are also fully disclosed and discussed with the PRA and the FCA.

**Variable pay pool determination**

For the 2015 performance year, RBS has operated a multi-step process which is a control function led assessment to determine performance and therefore the appropriate bonus pool by franchise and function.

The process considers a balanced scorecard of performance assessments at the level of each franchise or support function. The assessments are made across financial, customer and people measures. Risk and conduct assessments at the same franchise or functional level are then undertaken to ensure that performance achieved without the appropriate risk and conduct controls and culture is not inappropriately rewarded.

BRC will then review any material risk and conduct events and if appropriate an underpin may be applied to the individual business and function bonus pools and where appropriate to the overall RBS bonus pool. BRC may recommend reduction of a bonus pool if it considers that risk and conduct performance is unacceptable or that the impact of poor risk management has yet to be fully reflected in the respective inputs.

Following further review against overall performance and conduct, the Chief Executive will make a final recommendation to the Committee, informed by all the previous steps in the process and his strategic view of the business. The Committee will then make an independent decision on the final bonus pool taking all of these earlier steps into account.

#### **Accountability review process and malus/clawback**

An accountability review process is operated that allows RBS to respond in instances where new information would change the variable pay decisions made in previous years and/or the decisions to be made in the current year. Under the accountability review process, RBS can apply malus and clawback.

Malus can be applied to reduce (if appropriate to zero) the amount of any variable pay awards prior to payment taking place. Clawback provisions can also be applied to recover awards that have vested. Any variable pay awarded to Material Risk Takers from 1 January 2015 onwards is subject to clawback for seven years from the date of grant. For the 2016 performance year this period can be extended to ten years for executive directors and other Senior Managers under the PRA Senior Manager regime. Malus and clawback can be applied to current and former employees.

There are a number of trigger events under which malus and clawback will be considered including:

- the individual participating in or being responsible for conduct which results in significant losses for RBS;
- the individual failing to meet appropriate standards of fitness and propriety;
- reasonable evidence of an individual's misbehaviour or material error;
- RBS or the individual's relevant business unit suffering a material failure of risk management; and
- in the case of malus only, circumstances where there has been a material downturn in financial performance.



**How have we applied this in practice?**

During 2015 a number of issues and events were considered under the accountability review framework. The outcomes covered a range of actions including: reduction and forfeiture of unvested awards through malus; reduction of current year variable pay awards; dismissal with forfeiture of unvested awards; and suspension of awards pending further investigation.

**Remuneration regulatory requirements**

As in previous years, we have received the required regulatory confirmation in order to conclude our year end remuneration process.

## Other Remuneration Disclosures

### Our remuneration policy for all employees

The remuneration policy supports the business strategy and is designed to promote the long-term success of RBS. It aims to reward employees for delivering good performance against targets provided this is achieved in a manner consistent with our values and within acceptable risk parameters. The remuneration policy applies the same principles to all employees including Material Risk Takers (MRTs) subject to UK regulatory requirements (1). The current key elements underpinning the remuneration policy are set out below.

Element of pay	Objective	Operation
Base salary	To aid recruitment and retention of high performing individuals whilst paying no more than is necessary. To provide a competitive level of fixed cash remuneration, reflecting the skills and experience required, and to discourage excessive risk taking.	Base salaries are reviewed annually and should reflect the talents, skills and competencies that the individual brings to the business.
Role-based allowance	To provide fixed pay that reflects the skills and experience required for the role.	Allowances are provided to certain employees in key roles in line with market practice and qualify as fixed remuneration for regulatory requirements. They are delivered in cash and/or shares depending on the level of the allowance and the seniority of the recipient. Shares are subject to an appropriate retention period, not less than six months.
Benefits (including pension)	To provide a range of flexible and market competitive benefits. To encourage planning for retirement and long-term savings.	In most jurisdictions, employee benefits or a cash equivalent are provided from a flexible benefits account.
Annual bonus	To support a culture where employees recognise the importance of serving customers well and are rewarded for superior performance.	The annual bonus pool is based on a balanced scorecard of measures including customer, financial, risk and people measures. Allocation from the pool depends on performance of the franchise or function and the individual. Individual performance assessment is supported by a structured performance management framework.

Immediate cash awards are limited to a maximum of £2,000.  
Under the deferral arrangements a significant proportion of annual

bonus awards for our more senior employees are deferred over a minimum three year period. Awards are subject to malus and clawback provisions. For MRTs, a minimum of 50% of any annual bonus is delivered in shares and subject to a minimum six month retention period post vesting in line with regulatory requirements.

Guaranteed awards are only used in very limited circumstances in accordance with regulatory requirements.

RBS provides certain employees in senior roles with long-term incentive awards. Awards are structured as performance-vesting shares. Performance is typically measured over a three year period.

Long-term incentive awards To support a culture where good performance against a full range of measures will be rewarded. To encourage the creation of value over the long term and to align further the rewards of the participants with the returns to shareholders.

The amount of the award that vests may vary between 0% -100% depending on the performance achieved. Awards are subject to malus and clawback provisions and a minimum six month retention period applies to MRTs post vesting.

Other share plans To offer employees in certain jurisdictions the opportunity to acquire shares.

Employees in certain countries are eligible to contribute to share plans which are not subject to performance conditions.

Note:

(1) The EBA has issued criteria for identifying MRT roles i.e. staff whose professional activities have a material influence over RBS' performance or risk profile. The criteria for identifying MRTs are both Qualitative (based on the nature of the role) and Quantitative (i.e. those who exceed the stipulated total remuneration threshold based on the previous year's total remuneration).

The Qualitative criteria can be summarised as: staff within the management body; senior management; other staff with key functional or managerial responsibilities; staff, individually or as part of a Committee, with authority to approve new business products or to commit to credit risk exposures and market risk transactions above certain levels. The Quantitative criteria are: individuals earning €500,000 or more in the previous year; individuals in the top 0.3% of earners in the previous year; individuals who earned more than the lowest paid identified staff per the Qualitative criteria, subject to specific exceptions in the criteria.

In accordance with UK regulatory requirements and the RBS Staff Dealing Rules, the conditions attached to discretionary share-based awards prohibit the use of any personal hedging strategies to lessen the impact of a

reduction in value of such awards.

**Other Remuneration Disclosures****Remuneration of MRTs**

The quantitative disclosures below are made in accordance with Article 450 of the EU Capital Requirements Regulation in relation to 707 employees who have been identified as MRTs.

*1. Aggregate remuneration expenditure*

Aggregate remuneration expenditure in respect of 2015 performance was as follows:

PBB CPB CIB Rest of RBS Total

£m	£m	£m	£m	£m
17.9	35.4	118.1	198.9	370.3

*2. Amounts and form of fixed and variable remuneration*

Fixed remuneration for 2015

Consisted of salaries, allowances, pensions and benefits.

	Senior management	Other MRTs	Total
Number of beneficiaries	11	696	707
	£m	£m	£m
Total fixed remuneration	16.5	225.2	241.7

Variable remuneration awarded for 2015 performance

Consisted of deferred awards payable over a minimum three year period. Under the RBS bonus deferral structure cash awards are limited to £2,000 per employee.

	Senior management	Other MRTs	Total
Number of beneficiaries	—	482	482
	£m	£m	£m
Variable remuneration (cash)	—	1.8	1.8
Deferred remuneration (bonds)	—	10.6	10.6
Deferred remuneration (shares)	—	82.1	82.1

#### Long-term incentive awards for 2015 performance

Long-term incentive awards vest subject to the extent to which performance conditions are met and can result in zero payment.

	Senior management	Other MRTs	Total
Number of beneficiaries	11	104	115
	£m	£m	£m
Long-term incentive awards	17.5	16.6	34.1

The variable component of total remuneration for MRTs at RBS shall not exceed 100% of the fixed component. Based on the information disclosed above, the average ratio between fixed and variable remuneration for 2015 is approximately 1:0.5

#### 3. Outstanding deferred remuneration through 2015

The table below includes deferred remuneration awarded or paid out in 2015 in respect of prior performance years. Deferred remuneration reduced during the year relates to long-term incentives lapsed when performance conditions are not met, long-term incentives and deferred awards forfeited on leaving and malus of prior year deferred awards and long-term incentives.

Category of deferred remuneration	Senior management	Other MRTs
	£m	£m
Unvested from prior year	28.5	304.9
Awarded during the financial year	14.8	140.5
Paid out	8.1	134.9
Reduced from prior years	1.1	54.0
Unvested at year end	34.2	256.9

*4. Sign-on and severance payments*

RBS does not operate 'Sign-on awards'. Guaranteed variable remuneration may be used for new hires in compensation for awards foregone in their previous company. One such payment of £320,000 is included in the tables above. This relates to a commitment on recruitment made in respect of one new employee. These awards are still subject to deferral.

No severance payments were made outside of contractual payments or standard policy entitlements related to termination of employment such as pay in lieu of notice and benefits.

## Notes on the presentation of remuneration

In the relevant tables above, assumptions have been made for the notional value of LTI (verified by external advisors) and forfeitures through resignation for deferred awards. In addition, the share price relevant to the date of the event or valuation point has been used.

**All staff total remuneration**

- The average salary for all employees is £37,000.
- 14,200 employees earn between £50,000 and £100,000.
- 6,000 employees earn between £100,000 and £250,000.
- 1,100 employees earn total remuneration over £250,000.

Total remuneration by band for all employees earning >€1 million	Number of employees	
	2015	2014
€1.0m - €1.5m	59	67
€1.5m - €2.0m	33	32
€2.0m - €2.5m	13	17
€2.5m - €3.0m	7	4
€3.0m - €3.5m	4	4
€3.5m - €4.0m	1	1
€4.0m - €4.5m	2	0
€4.5m - €5.0m	0	1
€5.0m - €6.0m	1	4
€6.0m - €7.0m	1	1
Total	121	131

Notes:

(1) Total remuneration in the table above includes fixed pay, pension and benefit funding and variable pay (including actual value of LTI vesting in 2015) after the application of malus.

(2) Executive directors and employees of CFG are not included in the table.

The table is based on an exchange rate where applicable of €1.377 to £1 as at 31 December 2015 and amounts disclosed for 2014 have been restated using the same exchange rate so that comparison can be made on a like for like basis.

Employees that earned total remuneration of over €1 million in 2015 represent just 0.1% of our employees. This number reduces to 105 employees if we exclude pension and benefit funding. These employees include those who manage major businesses and functions with responsibility for significant assets, earnings or areas of strategic activity and can be grouped as follows:

- The CEOs responsible for each area and their direct reports.
- Employees managing large businesses within a franchise.

Income generators responsible for high levels of income including those involved in managing trading activity and supporting clients with more complex financial transactions, including financial restructuring.

- Those responsible for managing our balance sheet and liquidity and funding positions across the business.
- Employees managing the successful disposal of assets in RCR and reducing RBS' capital requirements.



## **Compliance report**

### **Statement of compliance**

RBS is committed to high standards of corporate governance, business integrity and professionalism in all its activities. Throughout the year ended 31 December 2015, RBS has complied with all of the provisions of the UK Corporate Governance Code issued by the Financial Reporting Council dated September 2014 (the “Code”) except in relation to provision (D.2.2) that the Group Performance and Remuneration Committee should have delegated responsibility for setting remuneration for the Chairman and executive directors. RBS considers that this is a matter which should rightly be reserved for the Board and this is an approach RBS has adopted for a number of years. Remuneration for the executive directors is first considered by the Group Performance and Remuneration Committee which then makes recommendations to the Board for consideration. This approach allows all non-executive directors, and not just those who are members of the Group Performance and Remuneration Committee, to participate in decisions on the executive directors’ and the Chairman’s remuneration and also allows the executive directors to input to the decision on the Chairman’s remuneration. The Board believes this approach is very much in line with the spirit of the Code and no director is involved in decisions regarding his or her own remuneration. We do not anticipate any changes to our approach on this aspect of the Code. Information on how RBS has applied the main principles of the Code can be found in the Corporate governance report on pages 47 to 89. A copy of the Code can be found at [www.frc.org.uk](http://www.frc.org.uk)

RBS has also implemented the recommendations arising from the Walker Review and complied in all material respects with the Financial Reporting Council Guidance on Audit Committees issued in September 2012.

Under the US Sarbanes-Oxley Act of 2002, specific standards of corporate governance and business and financial disclosures and controls apply to companies with securities registered in the US. RBS complies with all applicable sections of the US Sarbanes-Oxley Act of 2002, subject to a number of exceptions available to foreign private issuers.

### **Internal control**

Management of The Royal Bank of Scotland Group plc is responsible for the system of internal controls that is designed to maintain effective and efficient operations, compliant with applicable laws and regulations. The system of internal controls is designed to manage, or mitigate, risk to an acceptable residual level rather than eliminate it entirely. Systems of internal control can only provide reasonable and not absolute assurance against material misstatement, fraud or loss.

### **Management’s report on internal control over financial reporting**

Management is responsible for establishing and maintaining adequate internal control over financial reporting for RBS Group.

RBS Group's internal control over financial reporting is a component of an overall system of internal control and is designed to provide reasonable assurance regarding the preparation, reliability and fair presentation of financial statements for external purposes in accordance with International Financial Reporting Standards (IFRS) and includes:

- Policies and procedures that relate to the maintenance of records that, in reasonable detail, fairly and accurately reflect the transactions and disposition of assets.

- Controls providing reasonable assurance that transactions are recorded as necessary to permit the preparation of financial statements in accordance with IFRS, and that receipts and expenditures are being made only as authorised by management.

- Controls providing reasonable assurance regarding the prevention or timely detection of unauthorised acquisition, use or disposition of assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. In addition, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions or because the degree of compliance with policies or procedures may deteriorate.

Management assessed the effectiveness of RBS Group's internal control over financial reporting as of 31 December 2015 based on the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission in the 2013 publication of "Internal Control – Integrated Framework".

Based on its assessment, management believes that, as of 31 December 2015, RBS Group's internal control over financial reporting is effective.

The effectiveness of RBS Group's internal control over financial reporting as of 31 December 2015 has been audited by Deloitte LLP, RBS Group's independent registered public accounting firm. The report of the independent registered public accounting firm to the directors of the Royal Bank of Scotland Group plc expresses an unqualified opinion on the effectiveness of RBS Group's internal control over financial reporting as of 31 December 2015.

## Compliance report

### **Report of Independent Registered Public Accounting Firm to the members of The Royal Bank of Scotland Group plc**

We have audited the internal control over financial reporting of The Royal Bank of Scotland Group plc and subsidiaries (“the Group”) as of 31 December 2015, based on criteria established in “Internal Control - Integrated Framework (2013)” issued by the Committee of Sponsoring Organizations of the Treadway Commission. The Group’s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management’s Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Group’s internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company’s internal control over financial reporting is a process designed by, or under the supervision of, the company’s principal executive and principal financial officers, or persons performing similar functions, and effected by the company’s board of directors, management, and other personnel to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company’s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company’s assets that could have a material effect on the financial statements.

Because of the inherent limitations of internal control over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may not be prevented or detected on a timely basis. Also, projections of any evaluation of the effectiveness of the internal control over financial reporting to future periods are subject to the risk that the controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, the Group maintained, in all material respects, effective internal control over financial reporting as of 31 December 2015, based on the criteria established in “Internal Control - Integrated Framework (2013)” issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated financial statements as of and for the year ended 31 December 2015 of the Group and our report dated 25 February 2016 (24 March 2016 as to the consolidating financial information included in Note 41 of the financial statements) expressed an unqualified opinion on those financial statements.

**Deloitte LLP**

**London, United Kingdom**

**25 February 2016**

## **Compliance report**

### **Disclosure controls and procedures**

Management, including RBS's Chief Executive and Chief Financial Officer, conducted an evaluation of the effectiveness and design of the Group's disclosure controls and procedures (as such term is defined in Exchange Act Rule 13a-15(e)). Based on this evaluation, RBS's Chief Executive and Chief Financial Officer concluded that the Group's disclosure controls and procedures were effective as of the end of the period covered by this annual report.

### **Changes in internal control**

There was no change in the Group's internal control over financial reporting that occurred during the period covered by this report that has materially affected, or is reasonably likely to materially affect, the Group's internal control over financial reporting.

### **The New York Stock Exchange**

As a foreign issuer with American Depository Shares representing ordinary shares, preference shares and debt securities listed on the New York Stock Exchange (the "NYSE"), RBS is not required to comply with all of the NYSE standards applicable to US domestic companies (the "NYSE Standards") provided that it follows home country practice in lieu of the NYSE Standards and discloses any significant ways in which its corporate governance practices differ from the NYSE Standards. RBS is also required to provide an Annual Written Affirmation to the NYSE of its compliance with the applicable NYSE Standards (including by reference to the rules of the Exchange Act) following the filing of its annual report on Form 20-F.

The Group Audit Committee fully complies with the mandatory provisions of the NYSE Standards (including by reference to the rules of the Exchange Act) that relate to the composition, responsibilities and operation of audit committees. More detailed information about the Group Audit Committee and its work during 2015 is set out in the Group Audit Committee report on pages 55 to 60.

The Group has reviewed its corporate governance arrangements and is satisfied that these are consistent with the NYSE Standards, subject to the following departures: (i) the Chairman of the Board is also the Chairman of the Group Nominations Committee, which is permitted under the Code (since the Chairman was considered independent on appointment) (ii) although the members of the Group Performance and Remuneration Committee are deemed independent in compliance with the provisions of the Code, the Board has not assessed the independence of the members of the Group Performance and Remuneration Committee and of its compensation committee advisers in accordance with the independence tests prescribed by the NYSE Standards (iii) the NYSE Standards require that the

compensation committee must have direct responsibility to review and approve the Chief Executive's remuneration. As stated at the start of this Compliance report, in the case of RBS, the Board, rather than the Group Performance and Remuneration Committee, reserves the authority to make the final determination of the remuneration of the Chief Executive. RBS's Group Audit, Board Risk, Sustainable Banking and Group Nominations Committees are otherwise composed solely of non-executive directors deemed by the Board to be independent.

This Compliance report forms part of the Corporate governance report and the Report of the directors.

## Report of the directors

The directors present their report together with the audited accounts for the year ended 31 December 2015.

### Group structure

The company is a holding company owning the entire issued ordinary share capital of The Royal Bank of Scotland plc, the principal direct operating subsidiary undertaking of the company.

Following placing and open offers in December 2008 and in April 2009, HM Treasury (HMT) owned approximately 70.3% of the enlarged ordinary share capital of the company. In December 2009, the company issued a further £25.5 billion of new capital to HMT in the form of B shares. HMT sold 630 million of its holding of the company's ordinary shares in August 2015. In October 2015 HMT converted its entire holding of 51 billion B shares into 5.1 billion new ordinary shares of £1 each in the company.

At 31 December 2015, HMT's holding in the company's ordinary shares was 72.6%.

### Organisational change

On 26 February 2015, RBS announced its commitment to becoming a leaner, less volatile business based around its core franchises of Personal & Business Banking (PBB) and Commercial & Private Banking (CPB). To support this, a number of initiatives have been announced which include but are not limited to:

- the restructuring of Corporate & Institutional Banking (CIB) into go-forward CIB and CIB Capital Resolution;
- the divestment of Citizens;
- the sale of the international private banking business; and
- the run down of RBS Capital Resolution (RCR), one year ahead of schedule.

### Business structure

RBS continues to deliver on its plan to build a strong, simple and fair bank for both customers and shareholders. To support this and reflect the progress made on the initiatives above the previously reported operating segments will now realign as follows:

Personal & Business Banking (PBB) comprises two reportable segments:

UK PBB serves individuals and mass affluent customers in the UK together with small businesses (generally up to £2 million turnover). UK PBB includes Ulster Bank customers in Northern Ireland.

Ulster Bank RoI serves individuals and businesses in the Republic of Ireland (RoI).

Commercial & Private Banking (CPB) comprises three reportable segments:

Commercial Banking serves commercial and corporate customers in the UK and Western Europe.

Private Banking serves UK connected high net worth individuals.

RBS International (RBSI) serves retail, commercial, corporate and financial institution customers in Jersey, Guernsey, Isle of Man and Gibraltar.

CIB serves UK and Western European corporate customers, and global financial institutions, supported by trading and distribution platforms in the UK, US and Singapore.

Capital Resolution includes CIB Capital Resolution and the remainder of RBS Capital Resolution (RCR).

Williams & Glyn (W&G) comprises RBS England and Wales branch-based businesses, along with certain small and medium enterprises and corporate activities across the UK. During the period presented W&G has not operated as a separate legal entity. The perimeter of the segment currently reported does not include certain portfolios that are ultimately intended to be divested as part of W&G, for example, certain NatWest branches in Scotland.

Central items & other includes corporate functions, such as treasury, finance, risk management, compliance, legal, communications and human resources. Central functions manages RBS capital resources and RBS-wide regulatory projects and provides services to the reportable segments. Balances in relation to Citizens and the international private banking business are included in Central items in the relevant periods.



## Results and dividends

The loss attributable to the ordinary shareholders of the company for the year ended 31 December 2015 amounted to £1,979 million compared with a loss of £3,470 million for the year ended 31 December 2014, as set out in the consolidated income statement on page 263.

The company did not pay a dividend on ordinary shares in 2014 or 2015.

In the context of prior macro-prudential policy discussions, the Board decided to partially neutralise any impact on Core Tier 1 capital of coupon and dividend payments in respect of 2014 and 2015 Group hybrid capital instruments through equity issuances of c.£300 million. Consequently, approximately £300 million was raised during 2014 and 2015 through the issue of new ordinary shares and the Board has decided a further £300 million of new equity will be issued during the course of 2016 to again partially neutralise the CET1 impact of coupon and dividend payments.

The Dividend Access Share (DAS) retirement agreement was approved at the General Meeting of shareholders held on 25 June 2014. The first dividend payment on the DAS of £320 million was made in the third quarter of 2014. The balance of £1.18 billion is subject to an uplift at 5% per annum from 1 January 2016 until 1 January 2021. The uplift rate on any unpaid balance is 10% per annum thereafter. RBS intends to pay a final dividend on the Dividend Access Share (DAS) during the first half of 2016 subject to final Board and PRA approval, further normalising the capital structure of the bank and removing an obstacle toward the resumption of capital distributions.

## Report of the directors

### Business review

#### Activities

RBS is engaged principally in providing a wide range of banking and other financial services. Further details of the organisational structure and business overview of RBS, including the products and services provided by each of its segments, are contained in the Business review on page 100. Details of the strategy for delivering the company's objectives can be found in the Strategic report.

#### Risk factors

RBS's future performance and results could be materially different from expected results depending on the outcome of certain potential risks and uncertainties. Full details of these and other risk factors are set out on pages 384 to 408.

The reported results of RBS are also sensitive to the accounting policies, assumptions and estimates that underlie the preparation of its financial statements. Details of RBS's critical accounting policies and key sources of accounting judgments are included in Accounting policies on pages 279 to 282.

RBS's approach to risk management, including its financial risk management objectives and policies and information on RBS's exposure to price, credit, liquidity and cash flow risk, is discussed in the Business review: Capital and risk management.

### Financial performance

A review of RBS's performance during the year ended 31 December 2015, including details of each segment, and RBS's financial position as at that date is contained in the Business review on pages 103 to 141.

### RBS Holdings N.V. (formerly ABN AMRO Holding N.V.)

In 2007, RFS Holdings B.V., which was jointly owned by RBS, the Dutch State (successor to Fortis) and Santander completed the acquisition of ABN AMRO Holding N.V.

Following the announcements in April 2011 by the Boards of RBSG, RBS plc, RBS Holdings and RBS N.V., a substantial part of the business activities of RBS N.V. had been successfully transferred to RBS plc by the end of 2012, with further transfers in 2013 and 2014. There have been no transfers in 2015, the focus continues to be on further de-risking the RBS N.V. balance sheet.

### **Business divestments**

To comply with the European Commission State Aid requirements RBS agreed a series of restructuring measures. These include the divestment of Direct Line Insurance Group plc (completed in 2014) the sale of 80.01% of RBS's Global Merchant Services business (completed in 2010) and the sale of substantially all of the RBS Sempra Commodities joint venture business (largely completed in 2010), as well as the divestment of the RBS branch-based business in England and Wales and the NatWest branches in Scotland, along with the direct SME customers across the UK ("UK branch-based businesses").

In September 2013, RBS reached an agreement with an investor consortium led by Corsair Capital and Centerbridge Partners for an investment in these businesses ahead of a stock market flotation. This includes 308 RBS branches in England and Wales. The new bank will be called Williams & Glyn, the brand RBS used for its branches in England and Wales before 1985. The Group's target remains full divestment by the end of 2017.

Following an IPO in 2014 when RBS disposed of 30% of its shareholding in Citizens Financial Group Inc., RBS disposed of further tranches of shares in March 2015 (28%), August 2015 (21%) and October 2015 (21%). Consequently, RBS has completed its divestment of Citizens.

### **Employees**

As at 31 December 2015, RBS employed 93,659 people (full-time equivalent basis, including temporary workers) throughout the world. Details of related costs are included in Note 3 on the consolidated accounts.

### **Living our values**

Our values, introduced in 2012, guide our actions every day, in every part of our business. They are at the heart of the way we work. They are embedded within our behavioural frameworks - this means the way we recruit, promote, reward and manage our people are all aligned.

Building a healthy culture and risk culture that lives up to our values is one of our core priorities. We have governance to monitor and guide and track progress on our cultural goals. We gather qualitative and quantitative feedback to assess our progress and respond accordingly. We do this in tandem with feedback from regulators and industry bodies.

**Engaging our people**

We recognise that building an engaged, healthy and inclusive workforce is crucial if we are to achieve our ambition. We continue to ask people across the Bank to share their thoughts on what it's like to work at RBS via our annual employee survey (OurView). The results enable our people leaders to monitor levels of engagement and work with their teams to make improvements.

## **Report of the directors**

It also enables us to monitor employee perception and the progress we are making versus our goals. Our most recent survey, in which more than 62,000 colleagues took part, showed significant improvement in employee engagement and leadership.

In 2015 we launched determined to make a difference, an internal campaign that provides a rallying call for our employees. It was drawn from our extensive research with staff and is based on their reflections about the difference we make for our customers, colleagues, communities and shareholders.

## **Rewarding our people**

Our approach to performance management allows us to provide clarity for our people about how their individual contribution links to our ambition. It recognises behaviour that supports our values and holds individuals to account for behaviour and performance that does not.

In the UK we are a living wage employer meaning that we adhere to Living Wage Benchmarks (both national and London) for all employees. All third party contractors who regularly work in our buildings will also be in scope by 2017 at the latest.

In 2015, we announced the removal of incentive schemes for our customer facing employees in Personal & Business Banking. Instead, we gave every eligible employee an increase to their guaranteed pay. This change ensures that our people are paid clearly, fairly and simply for the job they do for our customers every day. It also ensures our customers can be certain that if they take a product from us, it has no financial impact on what our people are paid.

## **Developing our people**

Developing great leaders with the capability to deliver our ambition is a key priority. In 2015, we launched 'Determined to lead', a programme that focuses on great people management, a consistent tone from leaders throughout the Bank and the tools to engage our people. In 2015 we trained over 13,000 leaders.

We are committed to professionalising all our people. We offer a wide range of learning which can be mandatory, role specific or related to personal development.

We have mandatory learning that has to be completed by everyone and is focused on keeping our people, our customers and the Bank safe. Elements of our learning have been aligned to the Chartered Banker: Professional Standards Board foundation standards. We committed that our people in the UK (excluding Williams & Glyn and Ulster Bank) would complete this learning in 2015.

#### Youth employment

We have hired over 250 graduates and over 300 Apprentices in 2015. We have been accredited by “Investors in Young People” for how we attract, recruit and develop our talent.

#### Health and wellbeing of our people

We offer a wide range of health benefits and services to help maintain physical and mental health, and support our people if they become unwell.

In 2015, our wellbeing programme focused on three main areas; Mental Health, Physical Health and Resilience. Activities include the continued promotion of Lifematters (RBS’s Employee Assistance Programme), participation in the Global Corporate Challenge, the launch of Resilience programmes and continued support for Time to Change, the UK’s biggest programme to challenge mental health stigma.

#### **Employee consultation**

We recognise employee representatives such as trade unions and work councils in a number of businesses and countries. There has been ongoing engagement and discussion with those bodies given the changes the bank announced in February 2015. Management have continued to meet regularly with our European Employee Council to discuss developments and update on the progress of our strategic plans.

#### Inclusion

Building a more inclusive bank is essential for our customers and colleagues. Our inclusion policy standard applies to all our people globally.

During 2015 we continued our roll out of unconscious bias learning for all employees. We’ve introduced a gender goal to have at least 30% of women in the bank’s top three leadership levels by 2020. Further, we aim to have 50/50 balance at all levels by 2030. This is supported by the launch of a female development proposition. An increased focus on disability has led to the development of a comprehensive plan to support our colleagues and customers with additional needs and will help RBS achieve its ambition of becoming a ‘disability smart’ organisation. From an LGBT

perspective, we continue to deliver improvements to our people policies and customer operating procedures, including the introduction of guidance to support employees going through gender transition, introducing the 'Mx' honorific, and improving our customer gender change process. We are finalising plans to improve our ethnic representation within senior roles and are continuing to support our 15,000 strong employee-led networks.

RBS has been recognised for its work on Equality, Diversity and Inclusion by our Platinum ranking from Opportunity Now (gender) - our Gold ranking for Race for Opportunity (race); retaining a position in the Times Top 50 Employers for Women; and improving upon our ranking in the Stonewall Workplace Equality Index (LGBT).

### Sustainability

Our purpose is to serve customers well. We will rebuild our reputation and earn our customers' trust by putting customers first, making RBS a great place to work, supporting our communities and being mindful of environmental impacts. The Sustainable Banking Committee's role is to support the Board in overseeing, supporting and challenging actions being taken by management to run the bank as a sustainable business.

## Report of the directors

For more information on our approach and progress please read the RBS Sustainability Report, available on [rbs.com/sustainable](http://rbs.com/sustainable).

### Greenhouse gas emissions

Disclosures relating to greenhouse gas emissions are included in the Strategic report on page 40.

### Going concern

RBS's business activities and financial position, the factors likely to affect its future development and performance and its objectives and policies in managing the financial risks to which it is exposed and its capital are discussed in the Business review. The risk factors which could materially affect RBS's future results are set out on pages 384 to 408. RBS's regulatory capital resources and significant developments in 2015 and anticipated future developments are detailed on pages 154 to 168. The liquidity and funding section on pages 169 to 179 describes RBS's funding and liquidity profile, including changes in key metrics, the build up of liquidity reserves and the outlook for 2016.

Having reviewed RBS's forecasts, projections and other relevant evidence, the directors have a reasonable expectation that RBS and the company will continue in operational existence for the foreseeable future. Accordingly, the financial statements of RBS and of the company have been prepared on a going concern

### BBA disclosure code

RBS's 2015 financial statements have been prepared in compliance with the principles set out in the Code for Financial Reporting Disclosure published by the British Bankers' Association in 2010. The Code sets out five disclosure principles together with supporting guidance. The principles are that RBS and other major UK banks will provide high quality, meaningful and decision-useful disclosures; review and enhance their financial instrument disclosures for key areas of interest to market participants; assess the applicability and relevance of good practice recommendations to their disclosures acknowledging the importance of such guidance; seek to enhance the comparability of financial statement disclosures across the UK banking sector; and clearly differentiate in their annual reports between information that is audited and information that is unaudited.

### Enhanced Disclosure Task Force (EDTF)



## Edgar Filing: ROYAL BANK OF SCOTLAND GROUP PLC - Form 20-F

The EDTF established by the Financial Stability Board, published its report 'Enhancing the Risk Disclosures of Banks' in October 2012. All EDTF recommendations are reflected in the RBS's 2015 Annual Report on Form 20-F.

### Corporate governance

The company is committed to high standards of corporate governance. Details are given in the Corporate governance report on pages 42 to 89. The Corporate governance report and compliance report (pages 90 and 92) form part of this Report of the directors.

### Share capital

Details of the ordinary and preference share capital at 31 December 2015 and movements during the year are shown in Note 24 on the consolidated accounts.

During 2015, the company allotted and issued a total of 90.1 million new ordinary shares of £1 each for the purposes of ensuring 2015 coupon payments on discretionary hybrid capital securities were partly neutralised from a Core Tier 1 capital perspective.

The shares were allotted to UBS AG at the subscription prices determined by reference to the average market prices during the sale periods set out below.

Number of shares sold	Subscription price	Sale period	Gross proceeds	Share price on allotment
21.3m	352.070p	26/2/15-15/4/15	£75 million	355.7p
21.3m	352.811p	30/4/15-11/6/15	£75 million	361.5p
47.5m	315.942p	30/7/15-17/12/15	£150 million	294.7p

In the three years to 31 December 2015, the percentage increase in issued share capital due to non-pre-emptive issuance (excluding employee share schemes) for cash was 2.2.%.

In addition, the company issued 69 million shares in connection with employee share schemes during 2015.

In October 2015, HMT converted its entire holding of 51 billion B shares into 5.1 billion new ordinary shares of £1 each.

#### Authority to repurchase shares

At the Annual General Meeting in 2015, shareholders authorised the company to make market purchases of up to 643,628,671 ordinary shares. The directors have not exercised this authority to date. Shareholders will be asked to renew this authority at the Annual General Meeting in 2016.

#### Additional information

Where not provided elsewhere in the Report of the directors, the following additional information is required to be disclosed by Part 6 of Schedule 7 to the Large and Medium-sized Companies and Groups (Accounts and Reports) Regulations 2008.

The rights and obligations attached to the company's ordinary shares and preference shares are set out in the company's Articles of Association, copies of which can be obtained from Companies House in the UK or can be found at [rbs.com>about us](http://rbs.com/about-us).

On a show of hands at a general meeting of the company every holder of ordinary shares and cumulative preference shares present in person or by proxy and entitled to vote shall have one vote. On a poll, every holder of ordinary shares or cumulative preference shares present in person or by proxy and entitled to vote shall have four votes for every share held.

## **Report of the directors**

The notices of Annual General Meetings and General Meetings specify the deadlines for exercising voting rights and appointing a proxy or proxies to vote in relation to resolutions to be passed at the meeting.

The cumulative preference shares represent less than 0.008% of the total voting rights of the company, the remainder being represented by the ordinary shares.

There are no restrictions on the transfer of ordinary shares in the company other than certain restrictions which may from time to time be imposed by laws and regulations (for example, insider trading laws).

Pursuant to the Listing Rules of the FCA, certain employees of the company require the approval of the company to deal in the company's shares.

The rules governing the powers of directors, including in relation to issuing or buying back shares and their appointment are set out in the company's Articles of Association. It will be proposed at the 2016 Annual General Meeting that the directors be granted authorities to allot shares under the Companies Act 2006. The company's Articles of Association may only be amended by a special resolution at a general meeting of shareholders.

A number of the company's share plans include restrictions on transfers of shares while shares are subject to the plans or the terms under which the shares were awarded.

The rights and obligations of holders of non-cumulative preference shares are set out in Note 24 on the consolidated accounts.

Except in relation to the Dividend Access Share, the company is not aware of any agreements between shareholders that may result in restrictions on the transfer of securities and/or voting rights. There are no persons holding securities carrying special rights with regard to control of the company.

Under the rules of certain employee share plans, eligible employees are entitled to acquire shares in the company, and shares are held in trust for participants by The Royal Bank of Scotland plc and Ulster Bank Dublin Trust Company as Trustees. Voting rights are exercised by the Trustees on receipt of participants' instructions. If a participant does not submit an instruction to the Trustee no vote is registered.

The Royal Bank of Scotland plc 1992 Employee Share Trust, The Royal Bank of Scotland Group plc 2001 Employee Share Trust and The Royal Bank of Scotland Group plc 2007 US Employee Share Trust hold shares on behalf of RBS's employee share plans. The voting rights are exercisable by the Trustees, however, in accordance with investor protection guidelines, the Trustees abstain from voting. The Trustees would take independent advice before accepting any offer in respect of their shareholdings for the company in a takeover bid situation.

Awards granted under the company's employee share plans may be met through a combination of newly issued shares and shares acquired in the market by the company's employee benefit trusts.

A change of control of the company following a takeover bid may cause a number of agreements to which the company is party to take effect, alter or terminate. All of the company's employee share plans contain provisions relating to a change of control. Outstanding awards and options may vest and become exercisable on change of control, subject where appropriate to the satisfaction of any performance conditions at that time and pro-rating of awards. In the context of the company as a whole, these agreements are not considered to be significant.

## Directors

The names and brief biographical details of the current directors are shown on pages 43 to 46.

Sandy Crombie, Alison Davis, Morten Friis, Robert Gillespie, Penny Hughes, Ross McEwan, Brendan Nelson, Baroness Noakes and Ewen Stevenson all served throughout the year and to the date of signing of the financial statements.

Howard Davies was appointed to the Board on 14 July 2015 and assumed the role of Chairman on 1 September 2015. Mike Rogers was appointed to the Board on 26 January 2016.

Philip Hampton stepped down from the Board on 31 August 2015.

All directors of the company are required to stand for election or re-election annually by shareholders at the Annual General Meeting and, in accordance with the UK Listing Rules, the election or re-election of independent directors

requires approval by all shareholders and also by independent shareholders.

#### Directors' interests

The interests of the directors in the shares of the company at 31 December 2015 are shown on page 83. None of the directors held an interest in the loan capital of the company or in the shares or loan capital of any of the subsidiary undertakings of the company, during the period from 1 January 2015 to 25 February 2016.

#### Directors' indemnities

In terms of section 236 of the Companies Act 2006 (the "Companies Act"), Qualifying Third Party Indemnity Provisions have been issued by the company to its directors, members of the RBS Executive Committee, PRA/FCA Approved Persons and certain directors and/or officers of RBS subsidiaries.

In terms of section 236 of the Companies Act, Qualifying Pension Scheme Indemnity Provisions have been issued to all trustees of RBS pension schemes.

## Report of the directors

### Post balance sheet events

Other than the matter disclosed on page 358, there have been no significant events between the year end and the date of approval of these accounts which would require a change to or disclosure in the accounts.

### Controlling shareholder

In accordance with the UK Listing Rules, the company has entered into an agreement with HM Treasury (the 'Controlling Shareholder') which is intended to ensure that the Controlling Shareholder complies with the independence provisions set out in the UK Listing Rules. The company has complied with the independence provisions in the relationship agreement and as far as the company is aware the independence and procurement provisions in the relationship agreement have been complied with in the period by the controlling shareholder.

### Shareholdings

The table below shows shareholders that have notified RBS that they hold more than 3% of the total voting rights of the company at 31 December 2015.

	Number of		
Solicitor For The Affairs of Her Majesty's Treasury as Nominee shares for Her Majesty's Treasury	(millions)	% of share class held	% of total voting rights held
Ordinary shares	8,434	72.6	72.6

As at 25 February 2016, there were no changes to the shareholdings shown in the table above.

### Listing Rule 9.8.4

In accordance with the UK Financial Conduct Authority's Listing Rules the information to be included in the Annual Report and Accounts under LR 9.8.4, is set out in this Directors' report with the exception of details of contracts of significance under LR 9.8.4. (10) and (11) given in Additional Information on page 381.

## Political donations

At the Annual General Meeting in 2015, shareholders gave authority under Part 14 of the Companies Act, for a period of one year, for the company (and its subsidiaries) to make political donations and incur political expenditure up to a maximum aggregate sum of £100,000. This authorisation was taken as a precaution only, as the company has a longstanding policy of not making political donations or incurring political expenditure within the ordinary meaning of those words. During 2015, RBS made no political donations, nor incurred any political expenditure in the UK or EU and it is not proposed that RBS's longstanding policy of not making contributions to any political party be changed. Shareholders will be asked to renew this authorisation at the Annual General Meeting in 2016.

## Directors' disclosure to auditors

Each of the directors at the date of approval of this report confirms that:

(a) so far as the director is aware, there is no relevant audit information of which the company's auditors are unaware; and

(b) the director has taken all the steps that he/she ought to have taken as a director to make himself/herself aware of any relevant audit information and to establish that the company's auditors are aware of that information.

This confirmation is given and should be interpreted in accordance with the provisions of section 418 of the Companies Act.

## Auditors

Deloitte LLP are currently the auditors. On 3 November 2014, the Company announced its intention to appoint Ernst & Young LLP (EY) as auditor for the year ending 31 December 2016. It is expected that EY will be appointed to fill the casual vacancy arising from Deloitte LLP's resignation following the signing of the 2015 accounts and the Group's Form 20-F. A resolution to appoint EY as the company's auditors will be proposed at the forthcoming Annual General Meeting.

By order of the Board

Aileen Taylor

Company Secretary

25 February 2016

The Royal Bank of Scotland Group plc

is registered in Scotland No. SC45551

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## Statement of directors' responsibilities

This statement should be read in conjunction with the responsibilities of the auditor set out in their report on page 262.

The directors are responsible for the preparation of the Annual Report and Accounts. The directors are required by Article 4 of the IAS Regulation (European Commission Regulation No 1606/2002) to prepare Group accounts, and as permitted by the Companies Act 2006 have elected to prepare company accounts, for each financial year in accordance with International Financial Reporting Standards as adopted by the European Union. They are responsible for preparing accounts that present fairly the financial position, financial performance and cash flows of the Group and the company. In preparing those accounts, the directors are required to:

- select suitable accounting policies and then apply them consistently;
- make judgements and estimates that are reasonable and prudent; and

state whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the accounts.

The directors are responsible for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the Group and to enable them to ensure that the Annual Report and Accounts complies with the Companies Act 2006. They are also responsible for safeguarding the assets of the Group and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The directors confirm that to the best of their knowledge:

the financial statements, prepared in accordance with International Financial Reporting Standards, give a true and fair view of the assets, liabilities, financial position and profit or loss of the company and the undertakings included in the consolidation taken as a whole; and

the Strategic Report and Directors' report (incorporating the Business review) include a fair review of the development and performance of the business and the position of the company and the undertakings included in the consolidation taken as a whole, together with a description of the principal risks and uncertainties that they face.

In addition, the directors are of the opinion that the Annual Report and Accounts, taken as a whole, is fair, balanced and understandable and provides the information necessary for shareholders to assess the company's position and performance, business model and strategy.

By order of the Board

Howard Davies   Ross McEwan   Ewen Stevenson  
Chairman      Chief Executive   Chief Financial Officer

25 February 2016

**Board of directors**

**Chairman      Executive directors      Non-executive directors**

Sandy Crombie

Alison Davis

Morten Friis

Howard Davies   Ross McEwan  
Ewen Stevenson

Robert Gillespie  
Penny Hughes  
Brendan Nelson

Baroness Noakes

Mike Rogers

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## **Presentation of information**

### **Pensions accounting policy**

As set out in 'Accounting policies' on page 270, RBS has revised its accounting policy for determining whether or not it has an unconditional right to a refund of surpluses in its employee pension funds. The change has been applied retrospectively and comparatives restated.

### **Segmental reorganisation**

RBS continues to deliver on its plan to build a strong, simple and fair bank for both customers and shareholders. To support this and reflect the progress made the previously reported operating segments have been realigned as follows:

Personal & Business Banking (PBB) comprises two reportable segments. UK Personal & Business Banking (UK PBB) and Ulster Bank RoI. UK PBB serves individuals and mass affluent customers in the UK together with small businesses (generally up to £2 million turnover). UK PBB includes Ulster Bank customers in Northern Ireland. Ulster Bank RoI serves individuals and businesses in the Republic of Ireland (RoI).

Commercial & Private Banking (CPB) comprises three reportable segments; Commercial Banking, Private Banking and RBS International (RBSI). Commercial Banking serves commercial and corporate customers in the UK and Western Europe. Private Banking serves UK connected high net worth individuals and RBSI serves retail, commercial, corporate and financial institution customers in Jersey, Guernsey, Isle of Man and Gibraltar.

Corporate & Institutional Banking (CIB) serves UK and Western European corporate customers, and global financial institutions, supported by trading and distribution platforms in the UK, US and Singapore.

Capital Resolution includes CIB Capital Resolution and the remainder of RBS Capital Resolution (RCR).

Williams & Glyn (W&G) comprises the RBS England and Wales branch-based businesses, along with certain small and medium enterprises (SME) and corporate activities across the UK. During the period presented W&G has not operated as a separate legal entity. The perimeter of the segment currently reported does not include certain portfolios that are ultimately intended to be divested as part of W&G, for example, certain NatWest branches in Scotland.

Central items & other includes corporate functions, such as treasury, finance, risk management, compliance, legal, communications and human resources. Central functions manages RBS capital resources and RBS-wide regulatory projects and provides services to the reportable segments. Balances in relation to Citizens and the international private banking business are included in Central items in the relevant periods.

#### Reporting changes

In line with RBS's strategy to be a simpler bank the following reporting changes have been implemented in relation to the presentation of RBS results:

#### Other items

The following items were previously reported separately after operating profit, they are now being reported within operating profit.

- Own credit adjustments;
- Gain/(loss) on redemption of own debt;
- Write-down of goodwill;
- Strategic disposals; and
- RFS Holdings minority interest (RFS MI).

Own credit adjustments are included within segmental results in CIB, Capital Resolution and Central items (Treasury) in line with where the related liabilities are recorded. The non-statutory results will continue to show these items and restructuring costs and litigation and conduct costs as separate line items within the relevant caption of the income statement where significant.

#### Allocation of central balance sheet items

RBS allocates all central costs relating to Services and Functions to the business using appropriate drivers, these are reported as indirect costs in the segmental income statements. However, previously central balance sheet items have not been allocated. The assets (and risk-weighted assets) held centrally, mainly relating to Treasury, are now allocated to the business using appropriate drivers.

## Revised treasury allocations

Treasury allocations which are included within segmental net interest income and segmental net interest margins, have been revised to reflect the following.

In preparation for the separation of Williams & Glyn, that element of treasury allocations previously charged to UK PBB is now retained centrally.

The impact of changes to the notional equity allocation is detailed below.

### Revised segmental return on equity

RBS's CET 1 target is 13% but for the purposes of computing segmental return on equity (ROE), to better reflect the differential drivers of capital usage, segmental operating profit after tax and adjusted for preference dividends is divided by notional equity allocated at different rates of 11% (Commercial Banking and Ulster Bank RoI), 12% (RBSI) and 15% for all other segments, of the monthly average of segmental risk-weighted assets after capital deductions (RWAes). This notional equity was previously 13% for all segments. In addition, due to changes in UK tax rules enacted in the Finance (No 2) Act 2015, RBS has increased its longer-term effective 31 December tax rate. The notional tax rate used in the segmental ROE has been revised from 25% to 28% (Ulster Bank RoI - 15%; RBSI - 10%). RBS's forward planning tax rate is 26%.

Comparatives have been restated accordingly for the changes outlined above.

### Citizens

Citizens was classified as a discontinued operation and as a disposal group on 31 December 2014 and its assets and liabilities from that date to 3 August 2015 have been aggregated and presented as separate lines in accordance with IFRS 5. On 3 August 2015, RBS's interest in Citizens fell to 20.9% and consequently it is treated as an associate held for sale thereafter. On 30 October 2015, RBS sold all of its remaining shareholding in Citizens. Citizens is no longer treated as a reportable segment.

## **Presentation of information**

### **Competition**

#### **Personal & Business Banking (including UK PBB and Ulster Bank RoI)**

In the personal and small business banking business, the bank competes with a range of providers including UK banks and building societies, major retailers and life assurance companies, as well as the UK subsidiaries of major international banks. In the mortgage market, the bank competes with UK banks, building societies and specialist lenders. Increasingly, the ambitions of non-traditional players in the UK market are gaining credibility, with new entrants active and seeking to build their platforms either through organic growth or in some cases by acquiring businesses made available through restructuring of incumbents. Entrants with new business models such as peer-to-peer lending platforms, while currently small, continue to grow rapidly and are emerging as significant competitors. Such competitors often target specific elements of the value chain or customer segments. RBS distributes life assurance products to banking customers in competition with independent advisors and life assurance companies.

In Ireland, Ulster Bank competes in retail and commercial banking with the major Irish banks and building societies, and with other UK and international banks and building societies active in the market.

In the UK credit card market large retailers and specialist card issuers are active in addition to the UK banks. In addition to physical distribution channels, providers compete through direct marketing activity and digital channels.

In an environment in which central banks have maintained very low interest rates for an unusually long period or introduced negative rates, competitive dynamics have changed in some of the principal markets in which we operate. Ability to attract and manage funding remains a critical competitive advantage. Other key competitive factors in this market segment include cost management, growing digital sales focus, branch network re-shaping, and product simplification. Cost management remains a key focus in the market, as banks seek to simplify their organisational and IT architectures while at the same time investing to ensure that they can meet customers' evolving channel preferences. Customers have increasingly focused on the use of internet and mobile as sales and service channels for certain types of products. Therefore, competitive position and performance in the sector increasingly depends on the possession of user-friendly, diverse and efficient online solutions.

Although conveniently located branches are still important, RBS faces competitive pressure to adjust its branch formats to meet changing customer expectations and to manage its branch footprint as over-the-counter transaction volumes decline. In terms of product offering, the industry trend is to limit the number of products and present the

product structure and costs in a clear and transparent manner.

### **Commercial & Private Banking (including Commercial Banking, Private Banking and RBS International)**

Competition for corporate and institutional customers in the UK is from UK banks, from specialised global and regional investment banks and from large foreign universal banks that offer combined investment and commercial banking capabilities as well as from new entrants and nonbank challengers. In asset finance and invoice finance, the bank competes with banks and specialist finance providers, both captive and non-captive. In the small business banking market, the bank competes with other UK banks, specialist finance providers and building societies. In all of these areas, entrants with new technology-based business model are also showing rapid growth. RBS International competes with other UK and international banks to offer offshore banking services as well as domestic banking services in the Channel Islands, Gibraltar and the Isle of Man. Coutts and Adam & Company compete as private banks with UK clearing and private banks, asset managers and with international private banks. Competition in wealth management remains strong as banks maintain their focus on competing for affluent and high net worth customers.

### **Corporate & Institutional Banking**

Following the restructuring of the business in February 2015, CIB focuses on the needs of large corporates operating in the UK and Western Europe as well as global financial institution customers. CIB provides financing and risk management for these customers, and trades with financial institutions and counterparties for distribution and market making. There are sales and trading operations in London, the US and Singapore and offices in a select number of countries. CIB therefore competes with large domestic banks, major international banks and a number of investment banks that offer such products in these regions.

The bank's product proposition is built around our core strengths: supporting customers across currencies, rates and financing. Key competitive factors in this market include the ability to develop automation across flow products as well as delivering value-adding bespoke solutions for our customers.

With an evolving regulatory landscape and continued pressure on margins, competition in this market remains strong. Many market participants are also revising their strategy in order to ensure they deliver sustainable returns.



**Business review**

Summary consolidated income statement for the year ended 31 December 2015

	2015	2014	2013
	£m	£m	£m
Interest receivable	11,925	13,079	14,488
Interest payable	(3,158)	(3,821)	(5,471)
Net interest income	8,767	9,258	9,017
Fees and commissions receivable	3,742	4,414	4,678
Fees and commissions payable	(809)	(875)	(923)
Income from trading activities	1,060	1,285	2,571
(Loss)/gain on redemption of own debt	(263)	20	175
Other operating income	426	1,048	1,219
Non-interest income	4,156	5,892	7,720
Total income	12,923	15,150	16,737
Staff costs	(5,726)	(5,757)	(6,086)
Premises and equipment	(1,827)	(2,081)	(2,038)
Other administrative expenses	(6,288)	(4,568)	(6,692)
Depreciation and amortisation	(1,180)	(930)	(1,247)
Write down of goodwill and other intangible assets	(1,332)	(523)	(1,403)
Operating expenses	(16,353)	(13,859)	(17,466)
(Loss)/profit before impairment losses	(3,430)	1,291	(729)
Impairment releases/(losses)	727	1,352	(8,120)
Operating (loss)/profit before tax	(2,703)	2,643	(8,849)
Tax charge	(23)	(1,909)	(186)
(Loss)/profit from continuing operations	(2,726)	734	(9,035)
Profit/(loss) from discontinued operations, net of tax	1,541	(3,445)	558
Loss for the year	(1,185)	(2,711)	(8,477)
Attributable to:			
Non-controlling interests	409	60	120
Preference shareholders	297	330	349
Paid-in equity holders	88	49	49
Dividend access share	—	320	—
Ordinary shareholders	(1,979)	(3,470)	(8,995)
	(1,185)	(2,711)	(8,477)

**Key metrics and ratios**

Net interest margin	2.12%	2.14%	1.90%
Cost:income ratio	127%	91%	104%
(Loss)/earnings per ordinary share from continuing operations (pence)			
- basic	(27.7p)	0.5p	(85.0p)
Return on tangible equity (1)	(4.7%)	(8.2%)	(18.7%)

Note:

- (1) Tangible equity is equity attributable to ordinary shareholders less intangible assets.

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**Business review****Analysis of results****Net interest income**

	2015	2014	2013
	£m	£m	£m
Interest receivable (1,2)	11,925	13,079	14,488
Interest payable (1,2)	(3,158)	(3,821)	(5,471)
Net interest income	8,767	9,258	9,017

**Yields, spreads and margins of the banking business**

	%	%	%
Gross yield on interest-earning assets of the banking business (3)	2.89	3.02	3.05
Cost of interest-bearing liabilities of the banking business	(1.14)	(1.26)	(1.51)
Interest spread of the banking business (4)	1.75	1.76	1.54
Benefit from interest-free funds	0.37	0.38	0.36
Net interest margin of the banking business (5)	2.12	2.14	1.90
Gross yield (3)			
- Group	2.89	3.02	3.05
- UK	3.35	3.57	3.54
- Overseas	1.32	1.55	1.84
Interest spread (4)			
- Group	1.75	1.76	1.54
- UK	2.24	2.34	1.99
- Overseas	—	0.15	0.46
Net interest margin (5)			
- Group	2.12	2.14	1.90
- UK	2.49	2.53	2.21
- Overseas	0.87	1.08	1.14
The Royal Bank of Scotland plc base rate (average)	0.50	0.50	0.50
London inter-bank three month offered rates (average)			
- Sterling	0.57	0.54	0.52
- Eurodollar	0.32	0.23	0.24
- Euro	(0.02)	0.21	0.27

## Notes:

(1) Interest receivable includes £400 million (2014 - £453 million; 2013 - £538 million) in respect of loan fees forming part of the effective interest rate of loans and receivables.

(2) Interest receivable and interest payable on trading assets and liabilities are included in income from trading activities.

(3) Gross yield is the interest earned on average interest-earning assets of the banking book.

- (4) Interest spread is the difference between the gross yield and the interest rate paid on average interest-bearing liabilities of the banking business.
- (5) Net interest margin is net interest income of the banking business as a percentage of interest-earning assets (IEA) of the banking business.
- (6) The analysis into UK and overseas has been compiled on the basis of location of office.

#### 2015 compared with 2014

Net interest income declined by £491 million, or 5% to £8,767 million compared with £9,258 million, driven principally by a 46% reduction in Capital Resolution, down from £673 million to £365 million, in line with the planned shrinkage of the balance sheet.

Net interest margin (NIM) declined by 2 basis points to 2.12% reflecting new business volumes in core UK businesses, primarily mortgages remaining under competitive margin pressures combined with an increased portion of the book shifting toward lower margin secured assets. This was partly offset by deposit repricing and the planned run down of low margin assets in Capital Resolution.

UK PBB net interest income fell by £69 million, 2% to £4,152 million, as competitive front book margin pressures impacted. In addition, customers continued to roll off standard variable rate products (17% of overall mortgage book in 2015) and onto lower margin fixed rate products. As a result NIM fell by 14 basis points to 3.18% compared with 3.32% in 2014.

Ulster Bank RoI net interest income fell by £102 million, 22% to £365 million compared with £467 million primarily due to the weakening of the euro relative to sterling and reduced income on free funds. Ulster Bank RoI NIM continues to be impacted by the low yielding tracker mortgage book.

#### 2014 compared with 2013

Net interest income increased by 3%, to £9,258 million. This mainly reflected improvements in deposit margins in CPB which includes Commercial Banking, Private Banking and RBSI and PBB which includes UK PBB and Ulster Bank RoI.

Net interest margin was 2.14%, up from 1.90% in 2013, with improved liability margins partially offset by pressure on mortgage and corporate lending margins and by the continuing shift in mix towards lower margin secured lending.

**Business review****Non-interest income**

The following table reconciles the non-statutory non-interest income (a non-GAAP financial measure) to the statutory results.

	2015	2014	2013
	£m	£m	£m
Fees and commissions receivable - statutory basis	3,742	4,414	4,678
Fees and commissions payable - statutory basis	(809)	(875)	(923)
Income from trading activities			
- non-statutory basis	806	1,325	2,536
- own credit adjustments	254	(40)	35
Statutory basis	1,060	1,285	2,571
Own credit adjustments (1)			
- non-statutory basis	309	(146)	(120)
- income from trading activities	(254)	40	(35)
- other operating income	(55)	106	155
Statutory basis	—	—	—
(Loss)/gain on redemption of own debt - statutory basis	(263)	20	175
Strategic disposals (1)			
- non-statutory basis	(157)	191	161
- other operating income	157	(191)	(161)
Statutory basis	—	—	—
Other operating income			
- non-statutory basis	528	963	1,213
- own credit adjustments	55	(106)	(155)
- strategic disposals	(157)	191	161
Statutory basis	426	1,048	1,219
Total non-interest income - non statutory basis	4,156	5,892	7,720
Total non-interest income - statutory basis	4,156	5,892	7,720

Note:

(1) Items reallocated to other income lines, not reconciling items.

2015 compared with 2014

Non-interest income totalled £4,156 million, a decline of £1,736 million, or 29%, compared with £5,892 million in 2014, primarily driven by a reduction of £945 million in Capital Resolution as the business accelerated the planned

shrinkage of the balance sheet, including disposal losses from the sale of several portfolios in the year. A movement of £530 million from volatile items under IFRS was recorded, which represented a gain of £29 million in 2015 compared with a charge of £501 million in 2014.

Net fees and commissions fell by £606 million, or 17%, to £2,933 million, compared with £3,539 million, principally from the reduced scale of activity in CIB, run down of Capital Resolution and lower card interchange fees in UK PBB, down £59 million.

Income from trading activities declined by £225 million, or 18%, to £1,060 million compared with £1,285 million, due to the reduced scale and resources in CIB and the continued planned reduction of the Capital Resolution business and the impact of disposal losses partially offset by a gain on own credit adjustments of £254 million compared with a charge of £40 million in 2014.

A loss of £263 million was recognised on redemption of own debt, from a liability management exercise to repurchase certain US dollar, sterling and euro senior debt securities, compared with a gain of £20 million in 2014.

Total disposal losses in Capital Resolution were £367 million, including £38 million of strategic disposal losses. Total strategic disposal losses were £157 million, compared with a gain of £191 million in 2014, principally relating to the international private banking business.

Other operating income reduced by £622 million, or 59%, to £426 million compared with £1,048 million, principally due to the reduced scale of CIB together with the run down of Capital Resolution and the impact of disposal losses. A loss of £67 million on the disposal of available-for-sale securities in Treasury was recorded compared with a gain of £149 million in 2014. Own credit adjustments represented a gain of £55 million compared with a charge of £106 million in 2014.

## Business review

2014 compared with 2013

Non-interest income declined by £1,828 million or 24% to £5,892 million including lower gains from the redemption of own debt of £20 million compared with £175 million in 2013.

Net fees and commissions fell by 6% principally reflecting declines in CIB and Commercial Banking.

Income from trading activities declined by £1,286 million, or 50%, in line with CIB's smaller balance sheet and reduced risk profile and the planned reduction of the Capital Resolution business. Own credit adjustments represented a charge of £40 million compared with a gain of £35 million in 2013.

The decrease in other operating income reflected a loss from RFS MI of £18 million (2013 - gain of £111 million). A reduction in charge from own credit adjustments was offset by an increase in income from strategic disposals.

**Business review****Operating expenses**

The following table reconciles non-statutory operating expenses (a non-GAAP financial measure) to the statutory basis

	2015	2014	2013
	£m	£m	£m
<b>Staff costs</b>			
- non-statutory basis	4,896	5,376	5,809
- restructuring costs	830	381	277
Statutory basis	5,726	5,757	6,086
<b>Premises and equipment</b>			
- non-statutory basis	1,483	1,812	1,923
- restructuring costs	344	269	115
Statutory basis	1,827	2,081	2,038
<b>Other administrative expenses</b>			
- non-statutory basis	2,124	2,120	2,606
- litigation and conduct costs	3,568	2,194	3,844
- restructuring costs	596	254	242
Statutory basis	6,288	4,568	6,692
<b>Restructuring costs (1)</b>			
- non-statutory basis	2,931	1,154	640
- staff costs	(830)	(381)	(277)
- premises and equipment	(344)	(269)	(115)
- other administrative expenses	(596)	(254)	(242)
- depreciation and amortisation	(402)	(3)	(6)
- write-down of other intangible assets	(759)	(247)	—
Statutory basis	—	—	—
<b>Litigation and conduct costs (1)</b>			
- non-statutory basis	3,568	2,194	3,844
- other administrative expenses	(3,568)	(2,194)	(3,844)
Statutory basis	—	—	—
<b>Administrative expenses - non-statutory</b>	15,002	12,656	14,822
<b>Administrative expenses - statutory</b>	13,841	12,406	14,816
<b>Depreciation and amortisation</b>			
- non-statutory basis	778	927	1,241
- restructuring costs	402	3	6
Statutory basis	1,180	930	1,247
<b>Write-down of goodwill (1)</b>			



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- non-statutory basis	498	130	1,059
- write-down of goodwill and other intangible assets	(498)	(130)	(1,059)
Statutory basis	—	—	—
Write-down of other intangible assets (1)			
- non-statutory basis	75	146	344
- write-down of goodwill and other intangible assets	(75)	(146)	(344)
Statutory basis	—	—	—
Write-down of goodwill and other intangible assets			
- non-statutory basis	—	—	—
- write-down of goodwill	498	130	1,059
- write-down of other intangible assets	75	146	344
- restructuring costs	759	247	—
Statutory basis	1,332	523	1,403
Operating expenses - non-statutory basis	16,353	13,859	17,466
Operating expenses - statutory basis	16,353	13,859	17,466

Note:

(1) Items reallocated to other expense lines, not reconciling items.

## Business review

### 2015 compared with 2014

Total operating expenses of £16,353 million included significantly higher litigation and conduct costs of £3,568 million (2014 - £2,194 million), restructuring costs of £2,931 million (2014 - £1,154 million) and a goodwill impairment of £498 million attributed to Private Banking (2014 - £130 million in Capital Resolution).

Operating expenses excluding litigation and conduct costs of £3,568 million (2014 - £2,194 million), restructuring costs of £2,931 million (2014 - £1,154 million) and a write-down of goodwill of £498 million (2014 - £130 million) fell by £1,025 million, 10% to £9,356 million compared with £10,381 million. Excluding expenses associated with Williams & Glyn (2015 - £261 million; 2014 - £232 million) and the benefit of lower intangible asset write offs (2015 - £75 million; 2014 - £146 million), operating expenses reduced by £983 million, exceeding the revised 2015 cost saving target of over £900 million.

Staff costs were 1% lower totalling £5,726 million compared with £5,757 million, with the reductions as a result of lower headcount in CIB and Capital Resolution offset by increases in restructuring costs to £830 million as the transformation of the bank accelerated, particularly in CIB.

Restructuring costs totalled £2,931 million compared with £1,154 million in 2014, as the transformation of the bank accelerated, particularly re-engineering the CIB business. This is in line with prior guidance for total restructuring costs of c.£5 billion from 2015 to 2019. CIB restructuring costs totalled £524 million, including software and property write downs. Capital Resolution restructuring costs were much higher totalling £1,307 million as the business continues its planned rundown. Williams & Glyn separation costs totalled £630 million. Private Banking also recorded a £91 million asset write down related to software.

Litigation and conduct costs increased by £1,374 million, or 63% to £3,568 million, compared with £2,194 million in 2014. This includes: additional provisions for mortgage backed securities litigation in the US of £2,100 million; provisions for foreign exchange investigations in the US of £334 million; customer redress provisions primarily relating to PPI of £600 million; packaged accounts provisions of £157 million; and other conduct provisions of £377 million.

### 2014 compared with 2013

Operating expenses decreased by £3,607 million or 21% to £13,859 million, including a write down of goodwill of £130 million in 2014 compared with £1,059 million in 2013.

Operating expenses excluding restructuring costs of £1,154 million (2013 - £640 million), litigation and conduct costs of £2,194 million (2013 - £3,844 million) and write down of goodwill of £130 million (2013 - £1,059 million), declined by £1,542 million, or 13%, to £10,381 million, mainly reflecting cost savings of £1.1 billion.

Staff expenses declined by 5% and by 1% on a per capita basis against average full time employees. Average full time employees, rounded to the nearest hundred, for continuing operations was 95,600 (2013 - 102,000).

Restructuring costs increased by £514 million to £1,154 million, including £378 million in relation to Williams & Glyn and a write off of intangible assets of £247 million.

Litigation and conducts costs totalled £2,194 million compared with £3,844 million in 2013. This included additional provisions for Payment Protection Insurance redress (£650 million) in PBB, potential costs following investigations into the foreign exchange market (£720 million) in CIB, Interest Rate Hedging Product redress (£185 million) in Commercial Banking and CIB, the IT incident fine (£59 million) booked in Centre and other costs (£580 million) primarily relating to packaged accounts and investment products.

**Business review****Impairment losses**

	2015	2014	2013
	£m	£m	£m
New impairment (releases)/losses	(552)	(1,250)	8,246
Less: recoveries of amounts previously written-off	(175)	(102)	(126)
(Releases)/losses to income statement	(727)	(1,352)	8,120
Comprising:			
Loan impairment (releases)/losses	(853)	(1,364)	8,105
Securities	126	12	15
(Releases)/losses to income statement	(727)	(1,352)	8,120

## 2015 compared with 2014

Net impairment releases of £727 million were 46% lower compared with net impairment releases of £1,352 million in 2014. Although releases were at lower levels than in 2014, credit quality remained stable, reflecting supportive economic conditions in UK and Ireland with continued elevated recoveries in certain businesses.

Capital Resolution recorded net releases of £725 million, compared with £1,307 million in 2014, with disposal activity continuing. Ulster Bank RoI recorded net impairment releases of £141 million, down from £306 million in 2014, as economic conditions in Ireland continue to improve. UK PBB recorded a release of £7 million compared with a loss of £154 million, due to lower debt flows and increased releases and recoveries. Net impairment releases were also reported in CIB, although at more modest levels.

Securities losses rose to £126 million from £12 million in 2014, principally related to a small number of single name exposures, mainly an exposure in the RBS N.V. liquidity portfolio.

Risk elements in lending (REIL) declined from £28.2 billion to £12.2 billion, with REIL as a percentage of gross loans falling from 6.8% to 3.9%. The reduction was driven by the disposal of Citizens and the continued rundown of Capital Resolution.

## 2014 compared with 2013

Net loan impairment releases of £1,352 million were recorded in 2014 compared with a net impairment loss of £8,120 million in 2013 which included £4,490 million provisions related to the creation of RCR.

Releases were recorded principally in Capital Resolution (£1,307 million), which benefited from favourable economic and market conditions, and in Ulster Bank RoI (£306 million) supported by rising Irish property values and proactive debt management. Excluding these releases, the underlying charge was low at just over £261 million, primarily in UK PBB (£154 million).

Loan impairment provision coverage of REIL remained stable at 64% and the provision now stands at £18.0 billion, a £7.2 billion reduction in the year. Provision coverage of gross loans is 4.4% compared with 6.0% at the end of 2013.

**Tax**

	2015	2014	2013
	£m	£m	£m
Tax charge	(23)	(1,909)	(186)

UK corporation tax rate 20.25% 21.50% 23.25%

2015 compared with 2014

The tax charge for the year ended 31 December 2015 reflects the impact of non-deductible goodwill and bank levy charges, conduct charges for which no tax relief has been recognised, the impact of UK tax rate changes on the carrying value of deferred tax balances and the release of tax provisions that reflect the reduction of exposures in countries where RBS is ceasing operations.

2014 compared with 2013

The tax charge for the year ended 31 December 2014 reflects a reduction in the carrying value of the deferred tax asset in respect of UK tax losses (£850 million) and US temporary differences (£775 million) reflecting the impact of the decision to restructure CIB, partially offset by an increase in the carrying value of the deferred tax asset in respect of Irish tax losses, the benefit of previously unrecognised Irish tax losses being offset against profits arising in Ireland during the year and the impact of certain conduct charges that do not qualify for tax relief.

**Business review****Segment performance****UK Personal & Business Banking**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income	4,152	4,221	3,924
Net fees and commissions	1,020	1,162	1,186
Other non-interest income	28	61	(8)
Non-interest income	1,048	1,223	1,178
Total income	5,200	5,444	5,102
Direct expenses			
- staff costs	(801)	(824)	(844)
- other costs	(272)	(346)	(505)
Indirect expenses	(1,965)	(1,958)	(1,922)
Restructuring costs			
- direct	(38)	(10)	(130)
- indirect	(129)	(101)	(114)
Litigation and conduct costs	(972)	(918)	(881)
Operating expenses	(4,177)	(4,157)	(4,396)
Operating profit before impairment releases/(losses)	1,023	1,287	706
Impairment releases/(losses)	7	(154)	(670)
Operating profit	1,030	1,133	36
Analysis of income by product			
Personal advances	747	842	748
Personal deposits	747	664	485
Mortgages	2,305	2,399	2,388
Cards	621	700	805
Business Banking	726	663	626
Other	54	176	50
Total income	5,200	5,444	5,102
Analysis of impairments by sector			
Personal advances	69	128	156
Mortgages	4	(29)	39
Business Banking	(79)	46	143
Cards	10	75	107
Other	(11)	(66)	225
Total impairment (releases)/losses	(7)	154	670
Loan impairment (release)/charge as a % of gross customer loans and advances (excluding reverse repurchase agreements) by sector			
Personal advances	1.2%	2.0%	2.1%
Business Banking	(1.5%)	0.8%	2.4%
Cards	0.2%	1.6%	1.9%

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Other	(0.8%)	(4.4%)	11.8%
Total	—	0.1%	0.6%
Performance ratios			
Return on equity (1)	11.7%	11.9%	(0.7%)
Net interest margin	3.18%	3.32%	3.13%
Cost:income ratio	80%	76%	86%

Note:

Return on equity is based on segmental operating profit after tax adjusted for preference dividends divided by (1) average notional equity based on 15% (previously 13%) of the monthly average of segmental RWAs, assuming 28% tax rate; previously 25%.

**Business review**

	2015	2014	2013
	£bn	£bn	£bn
Capital and balance sheet			
Loans and advances to customers (gross)			
- personal advances	6.0	6.5	7.3
- mortgages	104.8	95.5	91.7
- business	5.3	5.9	6.0
- cards	4.1	4.7	5.5
- other	1.4	1.5	1.9
Total loans and advance to customers (gross)	121.6	114.1	112.4
Loan impairment provisions	(1.8)	(2.5)	(3.2)
Net loans and advances to customers	119.8	111.6	109.2
Total assets	143.9	137.8	133.8
Funded assets	143.9	137.8	133.8
Risk elements in lending	2.7	3.6	5.0
Provision coverage (1)	69%	69%	63%
Customer deposits			
- personal current accounts	37.2	34.4	33.5
- personal savings	78.9	76.3	75.6
- business/commercial	19.6	19.5	17.6
- other	2.1	2.4	3.2
Total customer deposits	137.8	132.6	129.9
Assets under management (excluding deposits)	4.3	4.9	5.8
Loan:deposit ratio (excluding repos)	87%	84%	84%
Risk-weighted assets (2)			
- credit risk (non-counterparty)	25.4	29.0	37.0
- operational risk	7.9	7.6	7.9
Total risk-weighted assets	33.3	36.6	44.9

Notes:

(1) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

(2) RWAs in 2013 are on a Basel 2.5 basis.

**Key points**

UK Personal & Business Banking (UK PBB) made significant positive changes to the customer proposition in 2015, whilst becoming simpler and fair. We have seen a number of key customer metrics improve. Results now include Ulster Bank Northern Ireland and exclude Williams & Glyn, which is reported as a separate segment.



**Delivering enhanced digital capabilities:**

In February RBS became the first UK bank to launch TouchID, enabling customers to log-in to its mobile app using only their fingerprint.

Enabled real time registration of our mobile banking app, allowing customers to log-in immediately as they open their new current account.

Continued to be at the forefront of technological collaboration; one of the first UK banks to launch Apple Pay whilst developing an Apple Watch app.

Customers using the mobile app increased 27% to 3.7 million in 2015 as we continue to invest and enhance the platform to reflect the growing customer preference for this channel.

Launched online diary where customers can book an appointment with an advisor from the comfort of their own home.

**Launched market differentiating propositions:**

UK PBB continued to invest in building deeper engagement with our customers through the launch of our new banking proposition – “Reward” whereby customers receive 3% cashback on their household bills.

- Launched the fee free Foundation account to better support the 1.5 million unbanked individuals in the UK.

We launched testing of small value overdrafts to c.1 million customers, specifically to help customers avoid unexpected fees.

- Launched an online mortgage application tracker to improve customer experience.

Launched an innovative new home insurance product offering customers a fixed premium for three years, which we believe is a positive departure from industry practice.

Launched Royal National Institute of Blind People (RNIB) approved cards, becoming the first UK bank product to achieve RNIB accreditation.

## Business review

### Helping UK homebuyers:

In 2015 the business made a concerted investment in its mortgage business, increasing mortgage advisors by 21% from 803 to 974 (excluding Ulster Bank NI). This contributed to a strong year for mortgage lending with net balances increasing by £9.3 billion to £104.8 billion.

One of the first UK banks to offer the UK Government-led Help to Buy: ISA as we continue to help first time buyers. NatWest and Ulster Bank customers are offered a variable rate of 2% AER and can save up to £1,200 in the first month.

### Operational investment continued apace:

New onboarding system for Business Banking was completed in November 2015. It has reduced the average account opening time by 50% from 15 days to 7 days and we are onboarding c. 500 new customers every day.

We continue to invest and improve our branch network to meet the demands and enrich the experience of our customers. During 2015 322 branches received an upgrade via our Branch Transformation programme.

We replaced 922 ATMs during the year.

Time to open a new current account reduced by 50%, allowing frontline staff more time to have great customer conversations.

### Investing in our people:

We continue on our journey to enhance the capability of our people. During the year, we have made significant further investment in training our leaders, in rolling out skills based pay in our telephony centres and in introducing the new Personal Banker role in branches, enabling more of our staff to fulfil customer needs.

We also announced the ending of incentives for our frontline staff from January 2016, which has been positively received and will ensure our staff are focused on what is best for the customer.

### 2015 compared with 2014

UK PBB recorded an operating profit of £1,030 million in 2015, a reduction of 9% or £103 million from 2014. This was primarily driven by lower non-interest income combined with increased restructuring costs and litigation and conduct costs. This was partially offset by a small net impairment release compared to a prior year charge. Operating profit excluding restructuring costs of £167 million (2014 - £111 million) and litigation and conduct costs of £972 million (2014 - £918 million) was £2,169 million compared to £2,162 million and return on equity of 11.7% were broadly flat compared to prior year.

Total income was £5,200 million, a reduction of 4% from £5,444 million. Net interest income declined 2% to £4,152 million primarily as a result of continued margin pressure in the mortgage market as customers move to lower margin fixed rate products together with higher internal funding costs. The decline was partly offset by improved deposit margins. Reflecting strong mortgage balance growth, net interest margin (NIM) declined 14 basis points from 2014 to 3.18% as the overall portfolio mix continues to be increasingly weighted toward secured lending, together with the decline in unsecured balances. The decline was slightly offset by improved deposit margins.

Non-interest income was £1,048 million, a reduction of 14% compared with the prior year as interchange fees on credit and debit cards declined £59 million, combined with reduced advice income. Operating expenses were £4,177 million, remaining broadly stable against 2014. Litigation and conduct costs increased 6% due to customer redress provisions, primarily relating to PPI, to £972 million, whilst higher restructuring costs were up £56 million, to £167 million. This was principally offset by a reduction in staff and other costs. Operating expenses excluding restructuring costs of £167 million (2014 - £111 million) and litigation and conduct costs of £972 million (2014 - £918 million) totalled £3,038 million (2014 - £3,128 million), 3% lower than 2014.

Net impairment releases totalled £7 million, compared with a net charge of £154 million in 2014, driven by decreased charges from bad debt flows and benefit of provision releases and recoveries.

2015 was a strong year for the mortgage business with net balances growing by £9.3 billion or 10% to £104.8 billion. Gross new lending rose 29% to £23 billion with market share of new mortgages of 10.5% versus a stock share of 8.2%. Mortgage growth was the principal driver of an £8.2 billion increase in net loans and advances to customers. Unsecured balances continued to decline gradually, albeit at a much slower rate.

Customer deposit balances increased £5.2 billion to £137.8 billion due to growth in personal savings, current accounts and business banking. RWAs fell £3.3 billion to £33.3 billion due to the improved quality of portfolio.

### **2014 compared with 2013**

UK PBB recorded an operating profit of £1,133 million, up £1,097 million, while operating profit excluding restructuring costs of £111 million (2013 - £244 million) and litigation and conduct costs of £918 million (2013 - £881 million) totalled £2,162 million compared with £1,161 million in the prior year. This reflected higher income, together with substantially lower impairments, down £516 million to £154 million.

Net interest income increased by £297 million or 8% with strong improvements in deposit margins and volume growth. This was partly offset by lower asset margins linked to the continued change in the mix of the loan book towards secured lending and lower mortgage margins.

Non-interest income increased by £45 million or 4%, largely reflecting the transfer of the commercial cards business to UK PBB from Commercial Banking within CPB in August 2014.

Operating expenses decreased by £239 million or 5%, reflecting a reduction in other costs supported by a 5% reduction in headcount and lower Financial Services Compensation Scheme (FSCS) accruals. Litigation and conduct costs included additional provisions for Payment Protection Insurance redress (£650 million) and other conduct provisions in respect of legacy investment products and packaged account sales.

The net impairment charge was down by 77% to £154 million driven by a further decrease in new default charges together with releases of provisions and recoveries on previously written off debt. Mortgage balances increased by £3.8 billion or 4%, to £96 billion driven by strong performance supported by increased advisor capacity. RWAs declined 18% to £36.6 billion with improved credit quality and lower unsecured balances.

**Business review****Ulster Bank RoI**

	2015	2014	2013	2015	2014	2013
	€m	€m	€m	£m	£m	£m
Income statement						
Net interest income	503	579	563	365	467	478
Net fees and commissions	116	116	104	85	93	88
Other non-interest income	139	54	115	100	44	98
Gain on redemption of own debt	—	—	284	—	—	242
Non-interest income	255	170	503	185	137	428
Total income	758	749	1,066	550	604	906
Direct expenses (1)						
- staff costs	(220)	(203)	(189)	(160)	(164)	(160)
- other costs	(116)	(104)	(63)	(85)	(83)	(54)
Indirect expenses	(251)	(224)	(211)	(182)	(180)	(179)
Restructuring costs						
- direct	(17)	10	(18)	(12)	8	(15)
- indirect	(4)	(26)	(8)	(3)	(21)	(7)
Litigation and conduct costs	18	24	(82)	13	19	(69)
Operating expenses	(590)	(523)	(571)	(429)	(421)	(484)
Operating profit before impairment releases/(losses)	168	226	495	121	183	422
Impairment releases/(losses)	194	380	(1,796)	141	306	(1,525)
Operating profit/(loss)	362	606	(1,301)	262	489	(1,103)
Average exchange rate - €/£				1.377	1.241	1.178
Analysis of income by business						
Corporate	202	230	291	147	185	247
Retail	443	361	361	321	291	307
Other	113	158	414	82	128	352
Total income	758	749	1,066	550	604	906
Analysis of impairments by sector						
Mortgages	(100)	(212)	259	(73)	(171)	220
Commercial real estate						
- investment	7	(10)	637	5	(7)	541
- development	—	(3)	116	(1)	(3)	98
Other corporate	(90)	(169)	768	(64)	(137)	653
Other lending	(11)	14	16	(8)	12	13
Total impairment (releases)/losses	(194)	(380)	1,796	(141)	(306)	1,525
Loan impairment (release)/charge as a % of gross customer loans and advances (excluding reverse repurchase agreements) by sector						
Mortgages	(0.5%)	(1.1%)	1.3%	(0.5%)	(1.1%)	1.3%
Commercial real estate						
- investment	0.8%	(0.8%)	14.5%	0.7%	(0.7%)	14.6%

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- development	—	(1.0%)	16.6%	(0.5%)	(1.0%)	16.3%
Other corporate	(1.9%)	(3.8%)	12.6%	(1.8%)	(4.0%)	13.3%
Other lending	(2.2%)	2.0%	2.0%	(2.0%)	2.4%	1.9%
Total	(0.8%)	(1.4%)	5.5%	(0.8%)	(1.5%)	5.7%
Performance ratios						
Return on equity (2)	10.6%	18.6%	(24.5%)	10.6%	18.6%	(24.5%)
Net interest margin	1.57%	1.92%	1.50%	1.57%	1.92%	1.50%
Cost:income ratio	78%	70%	53%	78%	70%	53%

Notes:

(1) Staff expenses include costs relating to employees of Ulster Bank Ireland Limited only. Recharges for services provided by or to Ulster Bank Limited are reflected through a management fee within other costs.

Return on equity is based on segmental operating profit after tax adjusted for preference dividends divided by (2) average notional equity based on 11% (previously 13%) of the monthly average of segmental RWAs, assuming 15% tax rate.

**Business review**

	2015	2014	2013	2015	2014	2013
	€bn	€bn	€bn	£bn	£bn	£bn
Capital and balance sheet						
Loans and advances to customers (gross)						
Mortgages	18.8	19.6	20.1	13.8	15.3	16.8
Commercial real estate						
- investment	0.9	1.3	4.4	0.7	1.0	3.7
- development	0.3	0.3	0.7	0.2	0.3	0.6
Other corporate	4.8	4.5	6.1	3.5	3.4	4.9
Other lending	0.5	0.7	0.8	0.4	0.5	0.7
Total loans and advances to customers (gross)	25.3	26.4	32.1	18.6	20.5	26.7
Loan impairment provisions						
- mortgages	(1.4)	(1.8)	(2.0)	(1.1)	(1.4)	(1.7)
- commercial real estate						
- investment	(0.2)	(0.2)	(1.2)	(0.1)	(0.1)	(1.0)
- development	(0.1)	(0.1)	(0.3)	(0.1)	(0.1)	(0.2)
- other corporate	(0.8)	(0.9)	(2.0)	(0.6)	(0.7)	(1.8)
- other lending	(0.1)	(0.1)	(0.2)	—	(0.1)	(0.1)
Total loan impairment provisions	(2.6)	(3.1)	(5.7)	(1.9)	(2.4)	(4.8)
Net loans and advances to customers	22.7	23.3	26.4	16.7	18.1	21.9
Total assets	29.0	28.9	33.0	21.3	22.5	27.5
Funded assets	28.8	28.7	32.8	21.2	22.4	27.3
Risk elements in lending						
- mortgages	3.5	4.2	3.8	2.6	3.3	3.1
- Commercial real estate						
- investment	0.2	0.3	2.5	0.2	0.2	2.1
- development	0.1	0.2	0.4	0.1	0.1	0.3
- other corporate	0.8	0.8	2.3	0.5	0.7	2.0
- other lending	0.1	0.1	0.2	0.1	0.1	0.1
Total risk elements in lending	4.7	5.6	9.2	3.5	4.4	7.6
Provision coverage (1)	55%	55%	62%	55%	55%	62%
Customer deposits	17.8	18.9	18.2	13.1	14.7	15.2
Loan:deposit ratio (excluding repos)	127%	124%	144%	127%	124%	144%
Risk-weighted assets (2)						
- credit risk						
- non-counterparty	24.6	26.1	32.1	18.1	20.3	26.7
- counterparty	0.1	0.1	—	0.1	0.1	—
- operational risk	1.7	1.8	2.0	1.2	1.4	1.7
Total risk-weighted assets	26.4	28.0	34.1	19.4	21.8	28.4
Spot exchange rate - €/£				1.362	1.285	1.201

Notes:

- (1) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.
- (2) RWAs in 2013 are on a Basel 2.5 basis.

Key points

Following the strategic review of Ulster Bank in 2014, it was confirmed that the Northern Ireland and Republic of Ireland businesses were to be separated. The change of management controls and governance was completed in October 2015 with the Northern Irish business included in UK Personal & Business Banking (UK PBB) and the reportable segment of Ulster Bank RoI now comprising the core Republic of Ireland business only.

Ulster Bank RoI has continued to strengthen its customer offering and service capability in 2015 as it made it simpler for customers to do business. The year has also seen stronger new lending volumes, buoyed by the improving economic conditions:

Further investment in the mortgage business through the launch of the "mortgage you can live with" campaign which offers a range of new product options to both new and existing customers combined with a re-entry to the mortgage broker market and the introduction of a team of mobile mortgage managers. Gross new mortgage lending increased 53% to £0.5 billion in 2015.



## Business review

Delivered new propositions for commercial customer lending across several sectors, including food and drink, agriculture, asset finance and international business. Gross new lending to commercial customers increased by 65% to £1.1 billion from 2014.

Made it easier for our customers to bank with us. The bank's current account proposition was re-launched in October and a partnership with 'An Post' provides customers with 1,140 new points of presence.

2015 compared with 2014

A significant weakening of the euro relative to sterling during 2015 had a material impact on Ulster Bank RoI's financial comparison with 2014 and the income trend in particular.

Ulster Bank RoI recorded an operating profit of £262 million compared with an operating profit of £489 million in 2014, the decline primarily due to considerably lower net impairment releases in 2015. Operating profit excluding restructuring costs of £15 million (2014 - £13 million) and litigation and conduct recoveries of £13 million (2014 - £19 million) was £264 million, a decrease of £219 million from 2014. Return on equity was 10.6%, down from 18.6% in 2014.

Total income was £550 million, a decrease of 9% from the prior year reflecting the weakening of the euro during 2015. In Euro terms total income increased 1% due to a continued improvement in deposit pricing in line with market trends, combined with benefits, including a gain on the sale of a buy-to-let portfolio of £12 million and the closure of a foreign exchange exposure of £24 million. These benefits were largely offset by a lower return on free funds.

Net interest margin (NIM) was 1.57%, a decrease of 35 basis points from 2014, primarily driven by reduced income on free funds and an increased drag from liquidity management requirements. NIM continues to reflect a sizeable drag from the low yielding tracker mortgage book.

Operating expenses increased by 2% from £421 million to £429 million, reflecting an increase in pension servicing costs, totalling £22 million and by further investment in the business and operational infrastructure, this was partially offset by cost savings delivered through a continued reduction in both employee numbers and the property footprint as well as the weakening of euro (an impact of £41 million).

Net impairment releases reduced by £165 million to £141 million, and although at lower levels, continued to reflect the improving economic conditions and the benefits of proactive debt management.

Gross new mortgage lending increased 53% to £0.5 billion whilst gross lending to commercial customers increased 65% to £1.1 billion. Strong new lending volumes across the business in 2015 were offset by high levels of customer repayments and the sale of a £0.3 billion buy-to-let mortgage portfolio. Net loans and advances to customers decreased £1.4 billion to £16.7 billion, £1 billion of which related to exchange rate movements. The low yielding tracker mortgage portfolio balances reduced balances from £10.6 billion in 2014 to £9.2 billion, but continues to make up a significant part of the overall mortgage book.

RWAs reduced 11% from £21.8 billion to £19.4 billion due to improved credit metrics and the impact of a weakening euro an impact of £1.2 billion, while RWA intensity reduced by 2 percentage points to 104%. RWAs on the tracker mortgage portfolio reduced from £9.3 billion in 2014 to £7.8 billion.

### **2014 compared with 2013**

Ulster Bank RoI recorded an operating profit of £489 million in 2014 compared with a loss of £1,103 million in 2013. The turnaround was driven by £306 million net impairment releases compared with impairment losses of £1,525 million in 2013. Operating profit excluding restructuring costs of £13 million (2013 - £22 million), litigation and conduct recoveries of £19 million (2013 – charge of £69 million) and in 2013 a gain of redemption of own debt of £242 million was £483 million compared with a loss in 2013 of £1,254 million.

Total income decreased by £302 million to £604 million largely as a result a £242 million gain on redemption of own debt in 2013 following a successful liability management exercise.

Net interest income decreased by £11 million to £467 million, driven by a weakening of the euro against sterling an impact of £24 million. In Euro terms net interest income increased by £13 million due to a significant reduction in the cost of deposits and a benefit from the recognition of income on certain previously nonperforming assets, partly offset by the adverse impact on the tracker mortgage book of lower European Central Bank refinancing interest rates. Net interest margin increased 42 basis points to 1.92%. Other non-interest income reduced by £54 million primarily due to significant hedging gains on the mortgage portfolio in 2013.

The continued focus on costs resulted in a reduction in staff numbers and the bank's property footprint. Litigation and conduct costs decreased by £88 million reflecting the outcome of reviews relating to provisions on PPI and Interest Rate Hedging Products. These benefits were partly offset by higher regulatory charges and levies including a new bank levy introduced in the Republic of Ireland, of £12 million, and the impact of a realignment of costs following the creation of RCR, £35 million.

The transfer of assets to RCR coupled with improved credit quality across key portfolios resulted in a 42% reduction in risk elements in lending. Provision coverage reduced from 62% to 55% during 2014 reflecting the further

de-risking of the balance sheet coupled with the impact of an increase in asset values. RWAs decreased by 23% reflecting an improvement in credit metrics and a reduced loan book.

The loan:deposit ratio decreased from 144% to 124% during 2014 mainly due to a 17% reduction in net loan balances to £18.1 billion reflecting the transfer of assets to RCR and continued customer repayments partly offset by growth in new lending. Customer deposits declined by 3% largely driven by exchange rate movements, an impact of £1 billion.

**Business review****Commercial Banking**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income	1,997	1,976	1,909
Net fees and commissions	984	983	1,046
Other non-interest income	273	346	325
Non-interest income	1,257	1,329	1,371
Total income	3,254	3,305	3,280
Direct expenses			
- staff costs	(483)	(495)	(500)
- other costs	(97)	(100)	(135)
- operating lease costs	(141)	(141)	(129)
Indirect expenses	(1,080)	(1,008)	(1,068)
Restructuring costs			
- direct	(52)	(41)	(17)
- indirect	(17)	(67)	(46)
Litigation and conduct costs	(51)	(112)	(247)
Operating expenses	(1,921)	(1,964)	(2,142)
Operating profit before impairment losses	1,333	1,341	1,138
Impairment losses	(69)	(85)	(601)
Operating profit	1,264	1,256	537
Analysis of income by business			
Commercial lending	1,634	1,618	1,725
Deposits	477	375	229
Asset and invoice finance	710	740	671
Other	433	572	655
Total income	3,254	3,305	3,280
Analysis of impairments by sector			
Commercial real estate	18	3	394
Asset and invoice finance	9	11	32
Private sector services (education, health, etc)	9	—	120
Banks & financial institutions	—	2	10
Wholesale and retail trade repairs	3	17	9
Hotels and restaurants	(2)	7	27
Manufacturing	1	9	(2)
Construction	6	11	1
Other	25	25	10
Total impairment losses	69	85	601
Loan impairment charge as a % of gross customer loans and advances by sector			
Commercial real estate	0.1%	—	2.1%
Asset and invoice finance	0.1%	0.1%	0.3%
Private sector services (education, health, etc)	0.1%	—	1.4%

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Banks & financial institutions	—	—	0.2%
Wholesale and retail trade repairs	—	0.3%	0.1%
Hotels and restaurants	(0.1%)	0.2%	0.7%
Manufacturing	—	0.2%	(0.1%)
Construction	0.3%	0.6%	—
Other	0.1%	0.1%	—
Total	0.1%	0.1%	0.7%

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**Business review**

	2015	2014	2013
Performance ratios	%	%	%
Return on equity (1)	9.8%	10.2%	3.6%
Net interest margin	1.88%	1.91%	1.84%
Cost:income ratio	59%	59%	65%
Capital and balance sheet	£bn	£bn	£bn
Loans and advances to customers (gross)			
- Commercial real estate	16.7	16.6	18.9
- Asset and invoice finance	14.4	14.2	11.7
- Private sector services (education, health, etc)	6.7	6.8	8.4
- Banks & financial institutions	7.1	5.5	5.6
- Wholesale and retail trade repairs	7.5	6.8	6.8
- Hotels and restaurants	3.3	3.3	3.7
- Manufacturing	5.3	3.9	3.8
- Construction	2.1	2.0	2.3
- Other	28.9	26.7	23.7
Total loan and advances to customers (gross)	92.0	85.8	84.9
Loan impairment provisions	(0.7)	(0.9)	(1.4)
Net loans and advances to customers	91.3	84.9	83.5
Total assets	133.5	127.9	127.3
Funded assets	133.5	127.9	127.3
Risk elements in lending	1.9	2.4	4.2
Provision coverage (2)	39%	39%	33%
Customer deposits (excluding repos)	88.9	84.9	89.0
Loan:deposit ratio (excluding repos)	103%	100%	94%
Risk-weighted assets (3)			
- Credit risk (non-counterparty)	65.3	55.8	60.6
- Operational risk	7.0	7.4	7.1
Total risk-weighted assets	72.3	63.2	67.7

## Notes:

Return on equity is based on segmental operating profit after tax adjusted for preference dividends divided by (1) average notional equity based on 11% (previously 13%) of the monthly average of segmental RWAs, assuming 28% tax rate; previously 25%.

(2) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

(3) RWAs in 2013 are on a Basel 2.5 basis.

## Key points

Commercial Banking made progress towards improving customer experience by becoming easier and simpler to do business with through operational investment and process simplifications. Continued enhancements within the business contributed to commercial lending growth in 2015.

In the course of the year Commercial Banking:

- Opened four Entrepreneur Hubs across the UK, increasing our involvement to seven, enabling entrepreneurs and small businesses to access free office space, mentoring and financial support, with a further five hubs to be opened in 2016.

- Rolled out a new on-boarding and account opening system across England and Wales which has delivered a reduction in customer paper work and a reduction in account opening times of approximately 30%.

- Launched a lending pilot to upgrade and simplify end-to-end processes with a focus on streamlining our product, pricing and governance operations.

- Issued 12,500 statements of appetite letters to customers, offering up to £8 billion of new borrowing facilities as part of our continued support of UK business.

- Supported AB Inbev's acquisition of SABMiller, the fifth largest corporate takeover ever and largest in the UK.

  - Awarded Residential Funder of the Year, providing finance for c.20k homes to be built in 2015.

- Our Commercial Relationship Bankers are undertaking intensive training and development, accredited by the Chartered Bankers Institute, with over 5,000 participants.

- Grew net new lending by £3.6 billion excluding the impact of the transferred businesses from CIB and strategic run-off decisions.

  - Proactive capital management with £2.2 billion of lower performing assets run-off in 2015.

## 2015 compared with 2014

Comparisons with prior periods are affected by a number of internal business transfers. In line with changes to the business model, the UK and Western European corporate loan portfolios transferred to Commercial Banking on 1 May 2015 and 1 October 2015 respectively. The prior period financials were adjusted for the UK Transaction Services business transfer and do not affect comparisons. The results exclude RBS International which is reported as a separate segment for the first time.

## Business review

Commercial Banking recorded an operating profit of £1,264 million, broadly in line with the prior year. Operating profit excluding restructuring costs of £69 million (2014 - £108 million) and litigation and conduct costs of £51 million (2014 - £112 million) was £1,384 million, a decrease of £92 million from 2014 due to a marginal fall in income reflecting margin pressure. Return on equity was broadly stable year on year.

Total income was £3,254 million, compared with £3,305 million in 2014. Net interest income was £1,997 million, a 1% increase from 2014, driven largely by higher asset and deposit volumes. Net interest margin decreased three basis points to 1.88% with improved deposit margins partly offsetting competitive pressures on new business asset margins. Non-interest income fell by 5% to £1,257 million driven by a loss of £34 million from the sale of non-strategic asset portfolios and the transfer of the commercial cards business to UK PBB in 2014.

Operating expenses totalled £1,921 million, a reduction of 2% from 2014, principally driven by tight control on discretionary costs and lower litigation and conduct costs, down 54% to £51 million, combined with restructuring costs falling 36% to £69 million. Operating expenses excluding restructuring costs of £69 million (2014 - £108 million) and litigation and conduct costs of £51 million (2014 - £112 million) were £1,801 million, an increase of £57 million, primarily as a result of a higher UK bank levy charge.

Net impairment losses decreased £16 million to £69 million due to lower individual charges, offsetting lower net provision releases.

Commercial Banking recorded volume growth across segments, resulting in net loans and advances to customers increasing by £6.4 billion to £91.3 billion. This included £5.0 billion from the transferred businesses, offset by strategic run-off and sale of selected assets totalling £2.2 billion. Total net new lending was £1.4 billion.

Customer deposits totalled £88.9 billion, an increase of £4.0 billion reflecting high levels of liquidity in the market.

RWAs increased £9.1 billion to £72.3 billion in 2015, of which £8.4 billion relates to £5 billion of assets transferred in. The higher capital intensity reflects increased level of undrawn commitments in the transferred businesses.

The Commercial Banking run-off portfolio includes funded assets of £12.5 billion and RWAs of £8.5 billion.



### 2014 compared with 2013

Commercial Banking recorded an operating profit of £1,256 million compared with £537 million in the prior year. This was driven by lower net impairment losses, down £516 million, lower operating expenses, down £178 million and higher income, up £25 million. Operating profit excluding restructuring costs of £108 million (2013 - £63 million) and litigation and conduct costs of £112 million (2013 - £247 million) increased by £629 million to £1,476 million.

Net interest income increased by £67 million or 4%, largely reflecting re-pricing activity on deposits partly offset by the impact of reduced asset margins, a result of the net transfer in of lower margin legacy loans (after the cessation of Non-Core). Non-interest income was down £42 million or 3% as lower CIB revenue share income, restructuring fees and the transfer out of commercial cards income to UK PBB in August 2014 were only partially offset by higher fair value gains and operating lease income, along with lower close out costs of interest rate products associated with impaired loans.

Operating expenses were down £178 million or 8%, as a result of lower litigation and conduct costs, primarily relating to interest rate swap redress, and lower underlying direct costs reflecting the continued focus on cost saving. These reductions were partially offset by higher restructuring costs, as the business aligned itself to better support customers, and growth in operating lease depreciation. Operating expenses excluding restructuring costs of £108 million (2013 - £63 million) and litigation and conduct costs of £112 million (2013 - £247 million) declined by £88 million.

Net impairment losses declined £516 million to £85 million, with fewer individual cases across the portfolio, reduced collectively assessed provisions and higher latent provision releases, reflecting improved credit conditions.

The loan:deposit ratio increased to 100%, representing a 2% increase in net loans and advances to customers, as reductions in the commercial real estate and restructuring portfolio were offset by growth across other businesses and reduced customer deposits, down 5%, reflecting the rebalancing of the bank's liquidity position.

RWAs were £4.5 billion lower at £63.2 billion, primarily reflecting net transfers to RCR, effective 1 January 2014, and improving credit quality on the back of UK economic recovery, offset by loan growth.

**Business review****Private Banking**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income	436	454	414
Net fees and commissions	186	214	216
Other non-interest income	22	21	24
Non-interest income	208	235	240
Total income	644	689	654
Direct expenses			
- staff costs	(176)	(178)	(176)
- other costs	(35)	(37)	(33)
Indirect expenses	(307)	(289)	(340)
Restructuring costs			
- direct	(7)	(1)	(15)
- indirect	(66)	—	(2)
Litigation and conduct costs	(12)	(90)	(107)
Write down of goodwill	(498)	—	—
Operating expenses	(1,101)	(595)	(673)
Operating (loss)/profit before impairment (losses)/releases	(457)	94	(19)
Impairment (losses)/releases	(13)	5	(7)
Operating (loss)/profit	(470)	99	(26)
Analysis of income by business			
Investments	86	104	112
Banking	558	585	542
Total income	644	689	654
Performance ratios			
Return on equity (1)	(27.7%)	4.1%	(2.8%)
Net interest margin	2.75%	2.89%	2.56%
Cost:income ratio	171%	86%	103%
Note:			

Return on equity is based on segmental operating profit after tax adjusted for preference dividends divided by (1) average notional equity based on 15% (previously 13%) of the monthly average of segmental RWAs, assuming 28% tax rate; previously 25%.

	2015	2014	2013
	£bn	£bn	£bn
Capital and balance sheet			
Loans and advances to customers (gross)			
- Personal	2.7	2.6	2.8
- Mortgages	6.5	6.1	5.8

- Other	2.0	2.3	2.5
Total loans and advances to customers (gross)	11.2	11.0	11.1
Loan impairment provisions	—	—	(0.1)
Net loans and advances to customers	11.2	11.0	11.0
Total assets	17.0	17.7	17.4
Funded assets	17.0	17.7	17.2
Assets under management	13.9	13.8	14.2
Risk elements in lending	0.1	0.1	0.2
Provision coverage (1)	28%	25%	39%
Customer deposits (excluding repos)	23.1	22.3	22.6
Loan:deposit ratio (excluding repos)	48%	49%	49%
Risk-weighted assets (2)			
- Credit risk (non-counterparty)	7.6	7.6	6.8
- Market risk	—	0.1	—
- Operational risk	1.1	1.0	1.9
Total risk-weighted assets	8.7	8.7	8.7

Notes:

(1) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

(2) RWAs in 2013 are on a Basel 2.5 basis.

## Business review

### Key points

Private Banking is being repositioned to focus on its UK connected customers and implement growth initiatives to create long term sustainable returns. The business has moved forward with simplifying its operating model and continued to develop new customer propositions for wealthy individuals and families. Private Banking results exclude the international private banking business given its plan for disposal.

Private Banking continued to invest in the customer proposition whilst moving toward a more focused business model:

Strategic repositioning to focus on UK customers with the sale of the European, the Middle East and Africa tranche of the international private banking business completed in Q4 2015. The smaller Far East tranche is scheduled to complete in the first half of 2016.

A series of customer initiatives to ensure client connectivity has resulted in a 29% increased use of digital channels, increased volumes of payments and transfers with a rise in the client satisfaction score.

Growth in customer referrals from Personal & Business Banking and Commercial Banking has driven increased client introductions and on-boarding.

Operational enhancements delivered in the credit application process combined with improved customer experience through improved fraud detection functionality.

Global Private Banking Awards 2015: Coutts named best Private Bank in the UK.

### 2015 compared with 2014

A goodwill impairment charge of £498 million attributed to the business drove an operating loss of £470 million, compared with an operating profit of £99 million in 2014. Operating profit excluding restructuring costs of £73 million (2014 - £1 million), litigation and conduct costs of £12 million (2014 - £90 million) and write down of goodwill of £498 million (2014 - nil) was £113 million in 2015, a fall of £77 million reflecting lower income and higher net impairment losses.

Total income was £644 million, a reduction of £45 million from 2014. Net interest income was £436 million, down 4% primarily due to lower net interest margin. Non-interest income totalled £208 million, a decrease of 11% driven by lower investment and transactional income as the business adjusted pricing to reflect a more competitive market.

Operating expenses totalled £1,101 million, an increase of £506 million, driven by a £498 million goodwill impairment charge, and considerably higher restructuring costs of £73 million which includes a share of asset write down related to software of £91 million, and lower litigation and conduct costs of £12 million. Operating expenses excluding restructuring costs of £73 million (2014 - £1 million), litigation and conduct costs of £12 million (2014 - £90 million) and write down of goodwill of £498 million (2014 - nil) were £518 million, up 3%, with reductions in the direct cost base offset by a higher UK bank levy charge.

Net impairment losses totalled £13 million, compared with a release of £5 million, due to higher individual and latent charges.

Despite challenging market conditions, assets under management and net loans and advances to customers were broadly stable compared with the prior year.

### **2014 compared with 2013**

Private Banking recorded an operating profit of £99 million compared with a loss of £26 million in the prior year. This was driven by reduced operating expenses, down £78 million, income higher by £35 million with impairment releases of £5 million compared to a net £7 million loss in 2013. Operating profit excluding restructuring costs of £1 million (2013 - £17 million) and litigation and conduct costs of £90 million (2013 - £107 million) increased by £92 million to £190 million.

Net interest income growth of £40 million or 10% was driven by increased deposit margins with non interest income down £5 million resulting in an annual increase in total income of £35 million or 5%.

Operating expenses declined by £78 million or 12% with restructuring and litigation and conduct costs driving the reduction. Operating expenses excluding restructuring costs of £1 million (2013 - £17 million) and litigation and conduct costs of £90 million (2013 - £107 million) declined £45 million or 8% reflecting lower technology costs and benefits from the exit of a number of London properties.

Net impairment releases of £5 million, compared with a net impairment loss of £7 million in the prior year reflected improved credit conditions and higher UK property prices.

The loan:deposit ratio was stable with assets, customer deposits and assets under management all flat.

**Business review****RBS International**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income	303	323	299
Net fees and commissions	40	43	39
Other non-interest income	24	25	27
Non-interest income	64	68	66
Total income	367	391	365
Direct expenses			
- staff costs	(42)	(44)	(43)
- other costs	(16)	(15)	(19)
Indirect expenses	(98)	(94)	(77)
Restructuring costs			
- direct	—	(2)	(1)
- indirect	(4)	(5)	(4)
Litigation and conduct costs	—	—	(9)
Operating expenses	(160)	(160)	(153)
Operating profit before impairment releases/(losses)	207	231	212
Impairment releases/(losses)	—	7	(47)
Operating profit	207	238	165
Performance ratios			
Return on equity (1)	18.5%	24.2%	17.8%
Net interest margin	1.48%	1.65%	1.59%
Cost:income ratio	44%	41%	42%

## Note:

Return on equity is based on segmental operating profit after tax adjusted for preference dividends divided by (1) average notional equity based on 12% (previously 13%) of the monthly average of segmental RWAs, assuming 10% tax rate.

	2015	2014	2013
	£bn	£bn	£bn
Capital and balance sheet			
Loans and advances to customers (gross)			
- Corporate	4.5	4.5	3.6
- Mortgages	2.5	2.6	2.7
- Other	0.4	0.2	0.2
Total loans and advances to customers (gross)	7.4	7.3	6.5
Loan impairment provisions	(0.1)	(0.1)	(0.1)
Net loans and advances to customers	7.3	7.2	6.4
Total assets	23.1	23.4	21.5
Funded assets	23.1	23.4	21.5

Risk elements in lending	0.1	0.2	0.2
Provision coverage (1)	34%	27%	63%
Customer deposits	21.3	20.8	20.9
Loan:deposit ratio (excluding repos)	35%	35%	31%
Risk-weighted assets (2)			
- Credit risk - non-counterparty	7.6	6.8	7.0
- Operational risk	0.7	0.7	—
Total risk-weighted assets	8.3	7.5	7.0

Notes:

(1) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

(2) RWAs in 2013 are on a Basel 2.5 basis.

## Business review

### Key points

RBS International (RBSI) operates under the CPB franchise, serving retail, commercial, corporate and financial institution customers in Jersey, Guernsey, Isle of Man and Gibraltar. RBSI is reported as a separate segment for the first time. RBSI leverages a strong multi-currency banking platform combined with a comprehensive product suite. RBSI completed a strategy review at the end of 2015 with plans to invest in and grow the business now being implemented, with particular focus on the funds and mortgage businesses.

During 2015 RBSI has enhanced its customer offering:

Invested in the multi-currency online banking platform, a unique system to RBSI, to ensure a transformative service to further simplify customer experience.

Continued its support for Gibraltar's largest private sector turnover company through a syndicated working capital facility.

### 2015 compared with 2014

RBSI reported an operating profit of £207 million, £31 million lower than 2014, largely due to lower income from deposits which in turn drove return on equity down to 18.5%, from 24.2%.

Total income decreased 6% to £367 million, mainly due to reductions in net interest income, falling £20 million to £303 million, principally reflecting lower deposit margins and lower return on free funds partly offset by higher asset volumes. Non-interest income declined £4 million to £64 million as a result of a lower CIB revenue share and lower net lending fees.

There were no impairments in 2015 compared with modest impairment releases of £7 million in the prior year.

Operating expenses remained stable at £160 million due to control in direct expenditure offset by a slightly higher UK bank levy charge.

Net loans and advances to customers increased by £0.1 billion to £7.3 billion. Customer deposit balances grew £0.5 billion to £21.3 billion. The business is a liability heavy business with a loan:deposit ratio of 35%.



RWAs increased by £0.8 billion to £8.3 billion as a result of a change in business mix and foreign exchange movements.

### **2014 compared with 2013**

RBS International recorded an operating profit of £238 million compared with £165 million in the prior year. This was driven by a net impairment release, instead of a prior year loss and increased income. Operating profit excluding restructuring costs of £7 million (2013 - £5 million) and litigation and conduct costs nil (2013 - £9 million) increased by £66 million to £245 million.

Net interest income increased by £24 million or 8%, largely reflecting an increase in new lending volumes, which was partly offset by the impact of reduced deposit volumes and margins.

Non-interest income was up £2 million as higher lending and guarantee fees were offset by lower CIB revenue share income, impacted by reducing foreign exchange margins.

Operating expenses rose £7 million or 5%, primarily as a result of UK bank levy charges. Litigation and conduct costs were down £9 million, primarily relating to interest rate swap redress, but partially offset by £2 million higher restructuring costs.

Net impairment losses reduced £54 million with net impairment releases of £7 million in 2014. 2013 included a charge for one large individual case.

Net loans and advances to customers increased 13% or £0.8 billion as growth returned to some key asset classes. Deposits were stable at £20.8 billion.

RWAs were £0.5 billion higher at £7.5 billion, primarily reflecting the growth in the asset book.

**Business review****Corporate & Institutional Banking**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income from banking activities	87	(11)	68
Net fees and commissions	218	408	475
Income from trading activities	1,153	1,386	1,788
Other operating income	(51)	157	152
Own credit adjustments	120	(9)	23
Non-interest income	1,440	1,942	2,438
Total income	1,527	1,931	2,506
Direct expenses			
- staff costs	(348)	(446)	(536)
- other costs	(122)	(190)	(397)
Indirect expenses	(997)	(1,080)	(1,287)
Restructuring costs			
- direct	(44)	(13)	(20)
- indirect	(480)	(89)	(58)
Litigation and conduct costs	(378)	(832)	(613)
Operating expenses	(2,369)	(2,650)	(2,911)
Operating loss before impairment losses	(842)	(719)	(405)
Impairment releases	5	9	37
Operating loss	(837)	(710)	(368)
Analysis of income by product			
Rates	688	823	964
Currencies	390	551	679
Financing	296	551	875
Banking/Other	(65)	(208)	(279)
Total excluding own credit adjustments	1,309	1,717	2,239
Own credit adjustments	120	(9)	23
Businesses transferred to Commercial Banking	98	223	244
Total income	1,527	1,931	2,506
Performance ratios			
Return on equity (1)	(11.1%)	(7.9%)	(5.0%)
Net interest margin	0.53%	(0.07%)	0.43%
Cost:income ratio	155%	137%	116%

Note:

Return on equity is based on segmental operating profit after tax adjusted for preference dividends divided by (1) average notional equity based on 15% (previously 13%) of the monthly average of segmental RWAs, assuming 28% tax rate (previously 25%).



**Business review**

	2015	2014	2013
	£bn	£bn	£bn
Capital and balance sheet			
Loans and advances to customers (gross, excluding reverse repos)	16.1	26.5	24.7
Loans and advances to banks (excluding reverse repos) (1)	5.7	2.5	2.1
Reverse repos	38.6	45.9	51.8
Securities	23.7	43.7	46.1
Cash and eligible bills	14.3	10.4	8.6
Other	4.9	8.7	10.9
<b>Total assets</b>	<b>215.3</b>	<b>276.2</b>	<b>246.0</b>
<b>Funded assets</b>	<b>103.3</b>	<b>137.7</b>	<b>144.2</b>
Customer deposits (excluding repos)	5.7	11.8	12.1
Bank deposits (excluding repos)	6.7	10.8	10.5
Repos	35.2	52.8	54.4
Debt securities in issue	3.3	4.9	4.0
Loan:deposit ratio (excluding repos)	284%	226%	203%
Risk-weighted assets (2)			
- credit risk			
- non-counterparty	5.0	10.3	12.9
- counterparty	11.3	12.5	6.1
- market risk	13.8	15.4	15.1
- operational risk	3.0	3.7	7.3
<b>Total risk-weighted assets</b>	<b>33.1</b>	<b>41.9</b>	<b>41.4</b>

Notes:

(1) Excludes disposal groups.

(2) RWAs in 2013 are on a Basel 2.5 basis.

**Key points**

Corporate & Institutional Banking (CIB) announced its new business strategy in February 2015, separating the segment between go-forward and CIB Capital Resolution (now Capital Resolution).

The current CIB business is undergoing a multi-year transformation implementing a simpler and sustainable operating model as the business re-shapes and downsizes. The business has been shaped around three product lines: Rates, Currencies and Financing with core focus on UK and Western European corporates and global financial institutions.

The steady-state target for the business is c.£1.4 billion of income with c.£30 billion of RWAs. Operating expenses are targeted at c.£0.7-0.8 billion to deliver 8-10% return on equity. Achieving target steady state requires a multi-year transformation programme, which was launched in 2015. Alongside this, CIB continues to focus on customers:

Agreements signed by RBS with three separate investment partners: AIG Asset Management (Europe) Ltd, Hermes Investment Management and M&G Investments to provide small to mid-market UK businesses with greater access to capital investment.

Managed the largest liability management exercise in Europe in 2015.

RBS Automated Treasury solutions recognised at the 2015 BBA/IFS Financial Innovation awards for delivering innovative, flexible and customer-centric products.

Raising approximately £50 billion for customers in debt capital markets in 2015.

Comparisons with prior periods are affected by a number of internal business transfers. In line with changes to the business model, the UK and Western European corporate loan portfolios transferred to Commercial Banking on 1 May 2015 and 1 October 2015 respectively; the Short Term Money markets business was transferred to Treasury on 1 August 2015. The prior period financials were adjusted for the UK Transaction Services business transfer to Commercial Banking and do not affect prior period comparisons.

## **2015 compared with 2014**

CIB reported an operating loss of £837 million in 2015, compared with an operating loss of £710 million in 2014. This included restructuring costs of £524 million and litigation and conduct costs of £378 million. The reduction was driven by lower income partially offset by the continued reduction in expenses, down £281 million, or 11%, to £2,369 million as the business continues to take costs out and move towards a more sustainable cost base.

Operating loss excluding a gain on own credit adjustments of £120 million (2014 - £9 million charge), restructuring costs of £524 million (2014 - £102 million) and litigation and conduct costs of £378 million (2014 - £832 million) was £55 million, compared with a profit of £233 million in 2014.

## Business review

Total income declined by £404 million, or 21%, to £1,527 million in 2015. This includes £120 million relating to own credit adjustments and £98 million relating to the transfer of portfolio businesses to Commercial Banking. CIB income excluding own credit adjustments (2015 - £120 million; 2014 - £9 million charge), was £1,407 million, in line with previous guidance.

Rates income declined, reflecting the reduced scale and risk appetite of the business.

Currencies incurred losses when the Swiss Central Bank unexpectedly removed the Swiss Franc's peg to the Euro.

Financing was impacted by the strategically reduced corporate footprint especially in the US and by lower levels of EMEA investment grade issuance.

Operating expenses fell by £281 million, or 11%, to £2,369 million in 2015. This includes £35 million relating to the transfer of portfolio businesses to Commercial Banking. Expenses remaining in CIB were £2,334 million as the business reshaped, including a considerable reduction in headcount. Litigation and conduct costs fell by £454 million, or 55%, to £378 million, primarily relating to foreign exchange settlements in the US. This reduction was offset by an increase in restructuring costs of £422 million to £524 million, primarily relating to property and intangible asset write downs. Operating expenses excluding restructuring costs of £524 million (2014 - £102 million) and litigation and conduct costs of £378 million (£832 million) fell by £249 million or 15% to £1,467 million.

Total assets fell by £60.9 billion to £215.3 billion, as the business continues to work through re-shaping, and included £17 billion (2014 - £20 billion) relating to the transfer to Treasury of the Short Term Markets business and £5 billion from the transfer of the UK and Western European corporate loan portfolios to Commercial Banking. Funded assets fell by £34.4 billion to £103.3 billion.

RWAs reduced by £8.8 billion to £33.1 billion compared with £41.9 billion, nearing the end-state target of c.£30 billion. The reduction was primarily driven by the transfer of the UK and Western European portfolio businesses to Commercial Banking.

## 2014 compared with 2013

CIB recorded an operating loss of £710 million compared with an operating loss of £368 million in 2013. This included litigation and conduct costs of £832 million compared with £613 million a year before. Operating profit excluding a charge from own credit adjustments of £9 million (2013 - £23 million gain), litigation and conduct costs of £832 million (2013 - £613 million) and restructuring costs of £102 million (2013 - £78 million) was £233 million compared with £300 million in 2013. This movement was primarily driven by lower income, partially offset by a reduction in expenses.

Total income declined by £575 million, 23%, to £1,931 million reflecting reduced deployment of resources and difficult trading conditions, characterised by subdued levels of customer activity and limited market volatility:

Rates suffered from weak trading conditions in the fourth quarter of 2014, largely driven by subdued activity and balance sheet de-risking.

Currencies income declined in a highly competitive market as both market volatility and customer activity remained subdued for much of the year. Some volatility returned in the fourth quarter of 2014, boosting income in the Options business in particular.

Financing income reduced, reflecting the year on year weakening in EMEA corporate investment grade primary issuance and subdued secondary credit markets.

Operating expenses fell by £261 million driven primarily by lower business and support costs, partially offset by an increase in litigation and conduct costs. Operating expenses excluding litigation and conduct costs of £832 million (2013 - £613 million) and restructuring costs of £102 million (2013 - £78 million) decreased by £504 million, or 23%, reflecting the continued focus on cost savings across both business and support areas.

Net impairment releases totalled £9 million compared with £37 million in 2013.

Risk-weighted assets were £41.9 billion as at 31 December 2014, flat compared with 31 December 2013 despite the introduction of CRDIV on 1 January 2014. This reflected the businesses commitment to carefully manage risk-weighted assets.

**Business review****Capital Resolution**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income	365	673	510
Net fees and commissions	266	483	497
Income from trading activities	(410)	401	1,275
Other operating income	181	271	122
Own credit adjustments	175	(36)	35
Strategic disposals	(38)	—	—
Non-interest income	174	1,119	1,929
Total income	539	1,792	2,439
Direct expenses			
- staff costs	(296)	(444)	(436)
- other costs	(202)	(293)	(287)
Indirect expenses	(1,041)	(1,283)	(1,405)
Restructuring costs			
- direct	(380)	(80)	(57)
- indirect	(927)	(105)	(59)
Litigation and conduct costs	(2,105)	(162)	(1,828)
Write-down of goodwill	—	(130)	(1,059)
Operating expenses	(4,951)	(2,497)	(5,131)
Operating loss before impairment releases/(losses)	(4,412)	(705)	(2,692)
Impairment releases/(losses)	725	1,307	(723)
Operating (loss)/profit	(3,687)	602	(3,415)

## Analysis of income by portfolio

APAC portfolio (1)	74	94	65
Americas portfolio	60	98	105
EMEA portfolio (2)	76	146	151
Legacy loan portfolio	129	416	—
Shipping	80	95	74
Markets	180	866	1,485
GTS	346	563	629
Other	(214)	(481)	(105)
Income excluding disposals and own credit adjustments	731	1,797	2,404
Disposal (losses)/gains	(367)	31	—
Own credit adjustments	175	(36)	35
Total income	539	1,792	2,439

Notes:

(1)

Asia-Pacific portfolio.



(2) European, the Middle East and Africa portfolio.

**Business review**

	2015	2014	2013
	£bn	£bn	£bn
Capital and balance sheet			
Loans and advances to customers (gross)	25.9	64.0	40.6
Loan impairment provisions	(2.3)	(11.1)	(0.9)
Net loans and advances to customers	23.6	52.9	39.7
Net loans and advances to banks	7.1	14.5	18.2
Total assets	201.5	327.3	311.4
Funded assets	53.4	115.6	130.6
Risk elements in lending	3.4	15.6	1.6
Provision coverage (1)	67%	71%	56%
Customer deposits (excluding repos)	26.0	36.4	40.1
Bank deposits (excluding repos)	14.7	19.8	15.3
Repos	—	8.3	20.4
Debt securities in issue	4.3	9.3	17.5
Risk-weighted assets (2)			
- credit risk			
- non-counterparty	27.3	62.6	56.6
- counterparty	12.0	16.9	11.2
- market risk	5.7	8.5	11.5
- operational risk	4.0	7.1	7.8
Total risk-weighted assets	49.0	95.1	87.1
Analysis of RWAs by portfolio			
APAC portfolio (3)	0.5	4.0	3.3
Americas portfolio	1.0	7.8	8.8
EMEA portfolio (4)	1.2	5.9	10.7
Legacy loan portfolio	3.7	10.5	—
Shipping	4.5	5.8	5.8
Markets	20.7	33.3	28.1
GTS	3.6	9.8	12.5
Saudi Hollandi Bank	6.9	5.9	4.6
Other	2.9	5.0	5.5
Total credit and market risk RWAs	45.0	88.0	79.3
Operational risk	4.0	7.1	7.8
Total RWAs	49.0	95.1	87.1

Notes:

(1) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

(2) RWAs in 2013 are on a Basel 2.5 basis.

(3) Asia-Pacific portfolio.

(4) European, the Middle East and Africa portfolio.

## Business review

### Key points

Capital Resolution consists of two established businesses: CIB Capital Resolution, and RBS Capital Resolution (RCR), with total funded assets of £116 billion and RWAs of £95 billion at the start of 2015.

CIB Capital Resolution was created from non-strategic portfolios from CIB, to enable the build of a strong go-forward CIB business. Funded assets on 1 January 2015 were £101 billion, consisting of three regional portfolios (Americas, EMEA and APAC), Shipping, Markets assets, Other legacy assets including Saudi Hollandi Bank (SHB) and Global Transaction Services. There is a three stage process in place to guide the business down; starting with taking the capital out, then running down the cost base and finally managing tail risk in the longer-term.

RCR was created on 1 January 2014 and had funded assets of £14.9 billion at the start of 2015 - Refer to pages 129 to 132 for background and more details. RCR formally closed following approval from the PRA on 22 February 2016.

2015 was a year of strong progress across Capital Resolution:

CIB Capital Resolution included within Capital Resolution accelerated the execution of its strategy;

- Reduced RWAs by £32.6 billion to £40.5 billion, achieving the £25 billion target;

North American loan portfolios sales drove £6.8 billion of RWA reduction, removing substantially all of our North American exit portfolio;

- APAC loan portfolio reduction of £3.5 billion RWA to £0.5bn RWA was driven by disposal activity;

- Similarly, EMEA loan portfolio reduced RWAs by £4.7 billion to £1.2 billion; and

A partnership was formed with BNP Paribas to offer existing international customers an alternative to Global Transaction Services (GTS). Uncommitted GTS trade lending and new business has been terminated.

RCR included within Capital Resolution has achieved its asset reduction objective:

Reduced funded assets by 88% since its formation to £4.6 billion with £10.3 billion reduction in 2015. This exceeded the targeted reduction of 85%, a year ahead of schedule; and

The net effect of the operating profit of £465 million and RWA equivalent reduction of £17.8 billion was CET1 accretion of £2.2 billion in 2015 and £8.3 billion since the perimeter was agreed.

### **2015 compared with 2014**

Capital Resolution RWAs reduced from £95.1 billion to £49.0 billion which primarily reflected disposals and repayments activity. This was driven by significant reductions across CIB Capital Resolution and RCR which are included within Capital Resolution.

Capital Resolution made an operating loss of £3,687 million, including income related disposal losses of £367 million, restructuring costs of £1,307 million together with litigation and conduct costs of £2,105 million. Operating expenses increased by £2,454 million to £4,951 million, principally reflecting increases in litigation and conduct costs relating to additional provisions for mortgage-backed securities litigation in the United States. Operating expenses excluding restructuring costs of £1,307 million (2014 - £185 million) and litigation and conduct costs of £2,105 million (2014 - £162 million) were reduced by £481 million, or 24% to £1,539 million, principally reflecting a fall in headcount of approximately 1,100. Net impairment releases of £725 million were recorded, primarily in RCR included within Capital Resolution, driven by the disposal strategy and favourable market and economic conditions.

Capital Resolution total assets fell by £125.8 billion to £201.5 billion, funded assets fell £62.2 billion to £53.4 billion. Included within Capital Resolution CIB Capital Resolution total assets fell by £106.4 billion to £191.9 billion and funded assets fell £51.9 billion to £48.8 billion in 2015, primarily due to the loan portfolio disposals. RCR, total assets fell £19.4 billion to £9.6 billion, funded assets fell £10.3 billion to £4.6 billion, driven by extensive disposal activity across all asset groups with 533 deals completed in 2015 at an average price of 109% of book value.

**Business review****RBS Capital Resolution (RCR)**

Following the businesses reorganisation in Q4 2015, RCR is included in the Capital Resolution reportable segment, and the balances below are included in the Capital Resolution disclosures on pages 126 to 128.

RCR was managed and analysed in four asset management groups - Ulster Bank (RCR Ireland), Real Estate Finance, Corporate and Markets. Real Estate Finance excludes commercial real estate lending in Ulster Bank.

The following disclosures illustrate the progress made since the creation of RCR in relation to the targeted 85% run down of funded assets, achieving a reduction of 88% to £4.6 billion. As RCR has now achieved its targeted rundown and has been closed these are the final standalone RCR disclosures.

	2015	2014
	£m	£m
Income statement		
Net interest expense	(109)	(24)
Funding cost of rental assets	(7)	(23)
Net interest income	(116)	(47)
Net fees and commissions	18	58
Income from trading activities (1)	(144)	(217)
Other operating income (1)	141	251
Own credit adjustments	—	(22)
Non-interest income	15	70
Total income	(101)	23
Direct expenses		
- staff costs	(98)	(167)
- other costs	(20)	(85)
Indirect expenses	(58)	(104)
Restructuring costs	(3)	(7)
Operating expenses	(179)	(363)
Operating loss before impairment releases	(280)	(340)
Impairment releases (1)	742	1,306
Operating profit	462	966
Total income		
Ulster Bank	(75)	(20)
Real Estate Finance	108	222
Corporate	(97)	(39)
Markets	(37)	(140)
Total income	(101)	23

Impairment (releases)/losses		
Ulster Bank	(588)	(1,106)
Real Estate Finance	(242)	(183)
Corporate	13	(21)
Markets	75	4
Total impairment releases	(742)	(1,306)

Loan impairment charge as a % of gross customer loans and advances (2)		
Ulster Bank	(36.8%)	(10.1%)
Real Estate Finance	(17.4%)	(4.5%)
Corporate	0.7%	(0.3%)
Markets	(0.8%)	(1.7%)
Total	(15.2%)	(6.0%)

Notes:

Asset disposals contributed £757 million (2014 - £904 million) to RCR's operating profit: impairment provision (1) releases of £770 million (2014 - £874 million); £63 million loss (2014 - £87 million gain) in income from trading activities and £50 million gain (2014 - £57 million loss) in other operating income.

(2)

Includes disposal groups.

**Business review**

Capital and balance sheet	2015	2014
	£bn	£bn
Loans and advances to customers (gross) (1)	5.4	21.9
Loan impairment provisions	(2.1)	(10.9)
Net loans and advances to customers	3.3	11.0
Debt securities	0.3	1.0
Total assets	9.6	29.0
Funded assets	4.6	14.9
Risk elements in lending (1)	3.1	15.4
Provision coverage (2)	68%	71%
Risk-weighted assets		
- Credit risk		
- non-counterparty	4.1	13.6
- counterparty	1.7	4.0
- Market risk	3.1	4.4
- Operational risk	(0.4)	—
Total risk-weighted assets	8.5	22.0
Total RWA equivalent (3)	9.5	27.3
Gross loans and advances to customers (1)		
Ulster Bank	1.6	11.0
Real Estate Finance	1.4	4.1
Corporate	1.8	6.2
Markets	0.6	0.6
	5.4	21.9
Funded assets - Ulster Bank		
Commercial real estate - investment	0.2	1.2
Commercial real estate - development	—	0.7
Other corporate	0.1	0.7
	0.3	2.6
Funded assets - Real Estate Finance (4)		
UK	0.9	2.5
Germany	0.1	0.4
Spain	0.3	0.5
Other	0.1	0.8
	1.4	4.2
Funded assets - Corporate		
Structured finance	0.4	1.7
Shipping	0.5	1.8
Other	1.0	2.3
	1.9	5.8



Funded assets - Markets		
Securitised products	1.0	1.8
Emerging markets	—	0.5
	1.0	2.3

Notes:

(1) Includes disposal groups.

(2) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

RWA equivalent (RWAE) is an internal metric that measures the equity capital employed in segments. RWAE converts both performing and non-performing exposures into a consistent capital measure, being the sum of the regulatory RWAs and the regulatory capital deductions, the latter converted to RWAE by applying a multiplier. RBS applies a CET1 ratio of 10% for RCR; this results in an end point CRR RWAE conversion multiplier of 10.

(4) Includes investment properties.

**Business review****Funded assets**

	1 January 2014	Repayments	Disposals (1)	Impairments	Other	31 December 2015
	£bn	£bn	£bn	£bn	£bn	£bn
Ulster Bank	4.8	(0.2)	(5.6)	1.7	(0.4)	0.3
Real Estate Finance	9.5	(3.1)	(5.1)	0.3	(0.2)	1.4
Corporate	9.8	(3.6)	(4.5)	(0.1)	0.3	1.9
Markets	4.8	(1.5)	(2.4)	—	0.1	1.0
Total	28.9	(8.4)	(17.6)	1.9	(0.2)	4.6

**Risk-weighted assets**

	1 January 2014	Repayments	Disposals (1)	Risk parameters (2)	Impairments	Other (3)	31 December 2015
	£bn	£bn	£bn	£bn	£bn	£bn	£bn
Ulster Bank	3.3	(0.5)	(1.1)	(1.2)	—	(0.1)	0.4
Real Estate Finance	13.5	(2.9)	(2.8)	(6.5)	—	(0.1)	1.2
Corporate	16.4	(3.1)	(5.7)	(5.4)	(0.4)	0.6	2.4
Markets	13.5	(4.5)	(3.6)	(0.7)	(0.2)	—	4.5
Total	46.7	(11.0)	(13.2)	(13.8)	(0.6)	0.4	8.5

**Capital deductions**

	1 January 2014	Repayments	Disposals (1)	Risk parameters (2)	Impairments	Other (3)	31 December 2015
	£m	£m	£m	£m	£m	£m	£m
Ulster Bank	559	(31)	(525)	(147)	182	(32)	6
Real Estate Finance	505	(458)	(904)	783	173	(29)	70
Corporate	477	(268)	(188)	137	(156)	8	10
Markets	291	(37)	(86)	(147)	2	(6)	17
Total	1,832	(794)	(1,703)	626	201	(59)	103

**RWA equivalent (4)**

	1 January 2014	Repayment	Disposals (1)	Risk parameters (2)	Impairments	Other (3)	31 December 2015
	£bn	£bn	£bn	£bn	£bn	£bn	£bn
Ulster Bank	8.9	(0.8)	(6.3)	(2.7)	1.8	(0.4)	0.5
Real Estate Finance	18.6	(7.4)	(11.9)	1.3	1.7	(0.4)	1.9
Corporate	21.1	(5.8)	(7.6)	(4.0)	(1.9)	0.7	2.5
Markets	16.4	(4.8)	(4.5)	(2.2)	(0.2)	(0.1)	4.6
Total	65.0	(18.8)	(30.3)	(7.6)	1.4	(0.2)	9.5

Notes:

(1) Includes all effects relating to disposals, including associated removal of deductions from regulatory capital.

- (2) Principally reflects credit migration and other technical adjustments.
- (3) Includes fair value adjustments and foreign exchange movements.

(4) RWA equivalent (RWAE) is an internal metric that measures the equity capital employed in segments. RWAE converts both performing and non-performing exposures into a consistent capital measure, being the sum of the regulatory RWAs and the regulatory capital deductions, the latter converted to RWAE by applying a multiplier. RBS applies a CET1 ratio of 10% for RCR; this results in an end-point CRR RWAE conversion multiplier of 10.

**Business review****Gross loans and advances, REIL and impairments**

	Gross			Credit metrics				
	loans	REIL	Provisions	REIL as a % of gross loans	Provisions as a % of REIL	Provisions as a % of gross loans	Impairment (releases)/ losses (2)	Amounts written-off
2015 (1)	£bn	£bn	£bn	%	%	%	£m	£m
By sector								
Commercial real estate								
- investment	1.8	1.2	0.6	67	50	33	(564)	2,004
- development	0.8	0.8	0.7	100	88	88	(327)	3,933
Asset finance	0.6	0.3	0.1	50	33	17	68	316
Other corporate	2.2	0.8	0.7	36	88	32	84	1,358
	5.4	3.1	2.1	57	68	39	(739)	7,611
Of which								
UK	3.8	1.9	1.0	50	53	26	(106)	2,980
Europe	1.4	1.1	1.0	79	91	71	(682)	4,510
US	0.1	—	—	—	—	—	67	1
RoW	0.1	0.1	0.1	100	100	100	(18)	120
Customers	5.4	3.1	2.1	57	68	39	(739)	7,611
Banks	0.3	—	—	—	—	—	(3)	33
Total	5.7	3.1	2.1	55	67	37	(742)	7,644

2014 (1)

By sector

Commercial real estate

- investment	6.2	4.9	2.8	79	57	45	(553)	1,911
- development	6.4	6.2	5.3	97	85	83	(611)	560
Asset finance	2.3	0.9	0.4	39	44	17	37	80
Other corporate	7.0	3.4	2.4	49	71	34	(169)	1,032
	21.9	15.4	10.9	70	71	50	(1,296)	3,583

Of which

UK	10.0	6.2	4.1	62	66	41	(402)	2,266
Europe	10.9	8.9	6.6	82	74	61	(875)	1,267
US	0.3	0.1	—	33	—	—	(19)	26

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RoW	0.7	0.2	0.2	29	100	29	—	24
Customers	21.9	15.4	10.9	70	71	50	(1,296)	3,583
Banks	0.5	—	—	—	—	—	(10)	8
Total	22.4	15.4	10.9	69	71	49	(1,306)	3,591

Notes:

(1) Includes disposal groups.

(2) Impairment (releases)/losses include those relating to AFS securities; sector analyses above include allocation of latent impairment charges.

**Business review****Williams & Glyn (1)**

	2015	2014	2013
	£m	£m	£m
Income statement			
Net interest income	658	664	657
Net fees and commissions	160	170	178
Other non-interest income	15	18	21
Non-interest income	175	188	199
Total income	833	852	856
Direct expenses			
- staff costs	(209)	(196)	(175)
- other costs	(52)	(36)	(34)
Indirect expenses	(98)	(98)	(98)
Restructuring costs			
- direct	(28)	—	—
Operating expenses	(387)	(330)	(307)
Operating profit before impairment losses	446	522	549
Impairment losses	(15)	(55)	(80)
Operating profit	431	467	469
Analysis of income by product			
Retail	472	502	523
Commercial	361	350	333
Total income	833	852	856
Analysis of impairments by sector			
Retail	16	48	46
Commercial	(1)	7	34
Total impairment losses	15	55	80
Loan impairment charge as a % of gross customer loans and advances (excluding reverse repurchase agreements) by sector			
Retail	0.1%	0.4%	0.4%
Commercial	(0.0%)	0.1%	0.4%
Total	0.1%	0.3%	0.4%
Performance ratios			
Net interest margin	2.87%	2.93%	2.86%
Cost:income ratio	46%	39%	36%

Note:

(1) Does not reflect the cost base, funding, liquidity and capital profile of a standalone bank. Operating expenses include charges based on an attribution of support provided by RBS to Williams & Glyn.



**Business review**

	2015	2014	2013
	£bn	£bn	£bn
Capital and balance sheet (1)			
Loans and advances to customers (gross)			
- Retail	11.6	11.3	11.4
- Commercial	8.7	8.6	8.7
Total loans and advance to customers (gross)	20.3	19.9	20.1
Loan impairment provisions	(0.3)	(0.4)	(0.4)
Net loans and advances to customers	20.0	19.5	19.7
Total assets	24.1	23.6	23.5
Funded assets	24.1	23.6	23.5
Risk elements in lending	0.5	0.6	0.6
Provision coverage (2)	60%	61%	69%
Customer deposits			
- Retail	11.4	10.3	9.7
- Commercial	12.7	11.7	11.8
Total customer deposits	24.1	22.0	21.5
Loan:deposit ratio (excluding repos)	83%	88%	92%
Risk-weighted assets (3)			
- credit risk (non-counterparty)	8.5	8.6	10.3
- operational risk	1.4	1.5	1.4
Total risk-weighted assets	9.9	10.1	11.7

## Notes:

(1) Does not reflect the cost base, funding, liquidity and capital profile of a standalone bank.

(2) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

(3) RWAs in 2013 are on a Basel 2.5 basis.

## Key points

As part of its commitments to the European Commission (EC), RBS has agreed to divest part of its UK retail and commercial banking franchise. This comprises RBS branches in England and Wales and NatWest branches in Scotland, RBS Business Banking Direct and NatWest Direct Business Banking and certain mid-corporate customers across the UK. Together, this business is referred to as 'Williams & Glyn' (W&G).



W&G has c.1.6 million retail banking customers with an estimated market share of 2% in Personal Current Accounts (PCA) in the UK. The bank has c.240,000 commercial customers served, through either the retail bank or a national network of relationship managers.

W&G is in the process of being established as a fully licensed, independent, full-service retail and commercial bank, with its own operating infrastructure and platform. RBS continues to work towards the separation of W&G and to meeting its EC commitments to fully divest the business by the end of 2017.

### **Basis of presentation**

This view of W&G, as it stands as a reportable segment within the RBS Group, reflects the contribution made by W&G's ongoing business to RBS, as distinct to the financial effects of any disposal transaction itself. These figures do not reflect the cost base, funding, liquidity and capital profile of W&G as a standalone bank and does not include certain customer portfolios which are currently reported through other reportable segments within RBS.

### **2015 compared with 2014**

Operating profit was £431 million, compared with a profit of £467 million in 2014. The reduction was principally driven by lower non-interest income and restructuring costs attributed to Commercial Banking, partly offset by a lower net impairment charge. Operating profit excluding restructuring costs of £28 million (2014 - nil) was down £8 million from £467 million to £459 million.

Total income was £833 million, compared with £852 million in 2014. Net interest income reduced £6 million to £658 million due to mortgage margin pressure from the impact of market competition on new business pricing. Net interest margin declined 6 basis points to 2.87%, due to the aforementioned margin pressure on new mortgage volumes and a reduction in the number of customers on the standard variable rate. Non-interest income fell by 7%, primarily due to lower fee income from credit and debit cards as well as lower overdraft usage and tariffs.

## Business review

Operating expenses totalled £387 million, an increase of £57 million as the business continued to stand up the central functions and operations areas resulting in an increase in staff costs of 7% or £13 million, this further included a restructuring charge of £28 million in Commercial Banking.

Net impairment losses were £15 million, lower than the £55 million loss incurred in 2014 due to portfolio provision releases and reduced levels of defaults in portfolios reflecting a benign UK economy.

Loans and advances grew by £0.4 billion, or 2%, to £20.3 billion. Excluding the transfer of £0.3 billion of Commercial lending back to CPB, lending grew £0.7 billion, or 4%, driven by good growth in both mortgage lending and commercial loans. Customer deposits rose £2.1 billion, or 10%, to £24.1 billion with growth in both transactional accounts and savings accounts.

RWAs fell £0.2 billion to £9.9 billion due to the better credit quality of the overall portfolio.

### 2014 compared with 2013

Operating profit was £467 million, compared with a profit of £469 million in 2013. The reduction is primarily attributable to an increase in staff costs and lower non-interest income partially off-set by an increase in net interest income and a reduction in net impairment charges.

Total income was £852 million, compared with £856 million in 2013. Net interest income increased £7 million to £664 million primarily due to improved margins on new lending volumes and product mix within Commercial Banking. Net interest margin was 2.93%, 7 basis points higher than 2013. Non-interest income fell by 6% due to lower credit card and interchange fees within the Retail division.

Operating expenses totalled £330 million, an increase of £23 million, or 7% primarily due to a 12%, or £21 million, increase in staff costs as a result of headcount growth as the business stands up functions and operations ahead of divestment.

Net impairment losses were £55 million, a reduction of £25 million compared with the prior year as a result of increased recoveries and reduced levels of default.

Loans and advances decreased £0.2 billion from £20.1 billion to £19.9 billion. Customer deposits increased £0.5 billion to £22 billion.

RWAs fell £1.6 billion to £10.1 billion due to a regulatory change in the calculation of RWAs related to Commercial lending and a reduction in Retail mortgages RWAs linked to improved loss given default rates.

**Central items and other**

	2015	2014	2013
	£m	£m	£m
Central items not allocated	(903)	(931)	300

Funding and operating costs have been allocated to operating segments based on direct service usage, the requirement for market funding and other appropriate drivers where services span more than one segment.

Residual unallocated items relate to volatile corporate items that do not naturally reside within a segment.

**2015 compared with 2014**

Central items not allocated represented a charge of £903 million compared with a charge of £931 million in 2014. This includes restructuring costs relating to Williams & Glyn of £630 million, a write-off of intangible assets of £59 million, a loss of £263 million on the repurchase of certain US dollar, Sterling and Euro senior debt securities and a loss of £67 million on the disposal of available-for-sale securities. These were partially offset by Treasury funding costs, including volatile items under IFRS, a gain of £169 million. Also included are £56 million of income, £109 million of direct operating expenses and £122 million of indirect operating expenses in relation to the international private banking business.

**2014 compared with 2013**

Central items not allocated represented a charge of £931 million compared with a gain of £300 million in 2013. The charge includes lower gains on the disposal of available-for-sale securities in Treasury, which were down £575 million to £149 million in 2014, along with a £309 million higher restructuring charge relating to the Williams & Glyn segment. 2014 includes a £247 million write-down of previously capitalised software development. In addition, unallocated Treasury funding costs, including volatile items under IFRS, were £437 million in the year versus £282 million in 2013.



**Business review****Non-Core**

2013 was the final reporting period for the Non-Core division. Approximately £12 billion of assets which were managed by Non-Core were returned to the relevant originating segments, with the remaining assets transferring to RCR within Capital Resolution from 1 January 2014.

Income statement	2013
	£m
Net interest income	(134)
Funding cost of rental assets	(35)
Net interest income	(169)
Net fees and commissions	53
Loss from trading activities	(150)
Other operating income	
- other (1)	(159)
Strategic disposal	6
Non-interest income	(250)
Total income	(419)
Direct expenses	
- staff costs	(188)
- other costs	(182)
Indirect expenses	(213)
Restructuring cost	
- direct	(16)
- indirect	(6)
Operating expenses	(605)
Loss before impairment losses	(1,024)
Impairment losses	(4,420)
Operating loss	(5,444)
Capital and balance sheet	£bn
Loans and advances to customers (gross) (2)	34.4
Loan impairment provisions	(13.6)
Net loans and advances to customers	20.8
Risk elements in lending (2)	18.7
Provision coverage (3)	73%
Risk-weighted assets	
- credit risk	

- non-counterparty	17.8
- counterparty	4.7
- market risk	3.3
- operational risk	1.4
Total risk-weighted assets	27.2

Notes:

(1) Includes losses on disposals of £221 million for 2013.

(2) Excludes disposal groups.

(3) Provision coverage represents loan impairment provisions as a percentage of risk elements in lending.

**Business review****Consolidated balance sheet as at 31 December 2015**

	2015	2014*
	£m	£m
<b>Assets</b>		
Cash and balances at central banks	79,404	74,872
Net loans and advances to banks	18,361	23,027
Reverse repurchase agreements and stock borrowing	12,285	20,708
Loans and advances to banks	30,646	43,735
Net loans and advances to customers	306,334	334,251
Reverse repurchase agreements and stock borrowing	27,558	43,987
Loans and advances to customers	333,892	378,238
Debt securities subject to repurchase agreements	20,224	23,048
Other debt securities	61,873	63,601
Debt securities	82,097	86,649
Equity shares	1,361	5,635
Settlement balances	4,116	4,667
Derivatives	262,514	353,590
Intangible assets	6,537	7,781
Property, plant and equipment	4,482	6,167
Deferred tax	2,631	1,911
Prepayments, accrued income and other assets	4,242	5,763
Assets of disposal groups	3,486	82,011
<b>Total assets</b>	<b>815,408</b>	<b>1,051,019</b>
<b>Liabilities</b>		
Bank deposits	28,030	35,806
Repurchase agreements and stock lending	10,266	24,859
Deposits by banks	38,296	60,665
Customers deposits	343,186	354,288
Repurchase agreements and stock lending	27,112	37,351
Customer accounts	370,298	391,639
Debt securities in issue	31,150	50,280
Settlement balances	3,390	4,503
Short positions	20,809	23,029
Derivatives	254,705	349,805
Provisions, accruals and other liabilities	15,115	13,346
Retirement benefit liabilities	3,789	4,318
Deferred tax	882	500
Subordinated liabilities	19,847	22,905
Liabilities of disposal groups	2,980	71,320
<b>Total liabilities</b>	<b>761,261</b>	<b>992,310</b>
<b>Non-controlling interests</b>	<b>716</b>	<b>2,946</b>
Owners' equity	53,431	55,763
<b>Total equity</b>	<b>54,147</b>	<b>58,709</b>

Total liabilities and equity	815,408	1,051,019
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\*Restated – refer to page 270 for further details.

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## Business review

### Commentary on consolidated balance sheet

#### 2015 compared with 2014

Total assets of £815.4 billion as at 31 December 2015 were down £235.6 billion, 22%, compared with 31 December 2014. This was primarily driven by the disposal of Citizens, and decreases in loans and advances to customers and derivative assets, reflecting the reshaping of CIB and Capital Resolution run-down.

Loans and advances to banks decreased by £13.1 billion, 30%, to £30.6 billion. Excluding reverse repurchase agreements and stock borrowing ('reverse repos'), down £8.4 billion, 41%, to £12.3 billion, bank placings declined £4.7 billion, 20%, to £18.3 billion, mainly reflecting Capital Resolution run-down.

Loans and advances to customers declined £44.3 billion, 12%, to £333.9 billion. Within this, reverse repos were down £16.4 billion, 37%, to £27.6 billion. Customer lending decreased by £27.9 billion, 8%, to £306.3 billion, or £38.3 billion to £313.5 billion before impairments. This reflected reductions in CIB together with run-down and disposals in Capital Resolution, partially offset by increases in UK PBB reflecting growth in mortgages and in Commercial Banking which recorded strong new business volumes.

Debt securities were down £4.6 billion, 5%, to £82.1 billion, driven mainly by reductions within CIB, partially offset by increases in Treasury in the liquidity portfolio.

Equity shares decreased by £4.3 billion, 76%, to £1.4 billion primarily due to the continuing risk reduction and run-down in Capital Resolution.

Movements in the value of derivative assets, down £91.1 billion, 26%, to £262.5 billion, and liabilities, down £95.1 billion, 27% to £254.7 billion, were driven by a reduction in interest rate swap notionals as well as yield curve moves.

Property, plant and equipment decreased by £1.7 billion, 27%, to £4.5 billion mainly reflecting disposals and write downs.

Intangible assets decreased by £1.2 billion, 16%, to £6.5 billion due to the write down of £0.5 billion goodwill in Private Banking and the write down of other intangible assets of £0.8 billion, mainly in relation to the reorganisation of CIB.

The decrease in assets and liabilities of disposal groups, down £78.5 billion to £3.5 billion, and £68.3 billion to £3.0 billion respectively, primarily reflects the disposal of Citizens partially offset by the transfer of the international private banking business to disposal groups.

Deposits by banks decreased by £22.4 billion, 37%, to £38.3 billion, with decreases in inter-bank deposits, down £7.8 billion, 22%, to £28.0 billion and decreases in repurchase agreements and stock lending ('repos'), down £14.6 billion, 59%, to £10.3 billion, reflecting the reshaping of CIB and Capital Resolution run-down.

Customer accounts decreased £21.3 billion, 5%, to £370.3 billion. Within this, repos decreased £10.2 billion, 27%, to £27.1 billion. Excluding repos, customer deposits were down £11.1 billion, 3%, to £343.2 billion, primarily reflecting the reduction of corporate deposits in CIB and run-down in Capital Resolution offset by growth in UK PBB and in Commercial Banking.

Debt securities in issue decreased £19.1 billion, 38%, to £31.2 billion reflecting a decrease in CIB and Treasury given the lower funding requirements of a reduced balance sheet.

Subordinated liabilities decreased by £3.1 billion, 13% to £19.8 billion, primarily as a result of the net decrease in dated loan capital with redemptions of £3.0 billion.

Non-controlling interests decreased by £2.2 billion to £0.7 billion reflecting the disposal of Citizens.

Owners' equity decreased by £2.3 billion, 4%, to £53.4 billion, primarily driven by the £2.0 billion attributable loss for the year.

**Business review****Cash flow**

	2015	2014	2013
	£m	£m	£m
Net cash flows from operating activities	918	(20,387)	(30,631)
Net cash flows from investing activities	(4,866)	6,609	21,183
Net cash flows from financing activities	(940)	(404)	(2,728)
Effects of exchange rate changes on cash and cash equivalents	576	909	512
Net decrease in cash and cash equivalents	(4,312)	(13,273)	(11,664)

**2015**

The major factors contributing to the net cash inflow from operating activities of £918 million were the increase of £8,589 million in operating assets and liabilities, other provisions charged net of releases of £4,566 million, write down of goodwill and other intangible assets £1,332 million and depreciation and amortisation of £1,180 million. These were partially offset by loans and advances written-off net of recoveries of £8,789 million, other provisions utilised of £2,202 million, elimination of foreign exchange differences of £1,501 million, profit on sale of subsidiaries and associates of £1,135 million, cash contribution to defined benefit pension schemes of £1,060 million, decrease in income accruals of £1,075 million and the operating loss before tax of £937 million.

Net cash outflows from investing activities of £4,866 million related to the net outflows from purchase of securities of £5,906 million and the purchase of property, plant and equipment of £783 million, offset by inflows of £391 million from disposals, primarily Citizens and net cash inflows from the sale of property, plant and equipment of £1,432 million.

Net cash outflows from financing activities of £940 million relate primarily to the repayment of subordinated liabilities of £3,047 million, redemption of preference shares of £1,214 million and interest paid on subordinated liabilities of £975 million partly offset by the proceeds of non-controlling interests issued of £2,537 million and the issue of Additional Tier 1 capital notes of £2,012 million.

**2014**

The major factors contributing to the net cash outflow from operating activities of £20,387 million were the decrease of £18,260 million in operating assets and liabilities, loans and advances written-off net of recoveries of £5,073 million, other provisions utilised of £3,528 million and the loss before tax of £564 million from continuing and discontinued operations. These were partially offset by the loss on reclassification to disposal groups of £3,994 million and other provisions charged net of releases of £2,711 million.

Net cash inflows from investing activities of £6,609 million related to the net inflows from sales and maturity of securities of £7,744 million and the sale of property, plant and equipment of £1,162 million, offset by net investments in business interests and intangible assets of £1,481 million and net cash outflows from the purchase of property, plant and equipment of £816 million.

Net cash outflows from financing activities of £404 million relate primarily to the repayment of subordinated liabilities of £3,480 million and interest paid on subordinated liabilities of £854 million partly offset by the issue of subordinated liabilities of £2,159 million and proceeds of non-controlling interests issued of £2,147 million.

2013

The major factors contributing to the net cash outflow from operating activities of £30,631 million were the decrease of £28,745 million in operating assets and liabilities, the net loss before tax of £8,066 million from continuing and discontinued operations, loans and advances written-off net of recoveries of £4,090 million and other provisions utilised of £2,066 million. These were partially offset by provisions for impairment losses of £8,432 million and other provisions charged net of releases of £4,422 million.

Net cash inflows from investing activities of £21,183 million related to the net inflows from sales of securities of £19,211 million, the sale of property, plant and equipment of £1,448 million and net divestments of business interests and intangible assets of £1,150 million offset by net cash outflows from the purchase of property, plant and equipment of £626 million.

Net cash outflows from financing activities of £2,728 million relate primarily to the repayment of subordinated liabilities of £3,500 million and interest paid on subordinated liabilities of £958 million partly offset by the issue of subordinated liabilities of £1,796 million.

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**Business review**

## Analysis of balance sheet pre and post disposal groups

In accordance with IFRS 5, assets and liabilities of disposal groups are presented as a single line on the face of the balance sheet. As allowed by IFRS, disposal groups are included within risk measures in the Capital and risk management section.

	2015		2014*			
	Balance sheet £m	Disposal groups (1) £m	Gross of disposal groups £m	Balance sheet £m	Disposal groups (2) £m	Gross of disposal groups £m
<b>Assets</b>						
Cash and balances at central banks	79,404	535	79,939	74,872	622	75,494
Net loans and advances to banks	18,361	642	19,003	23,027	1,745	24,772
Reverse repurchase agreements and stock borrowing	12,285	67	12,352	20,708	—	20,708
Loans and advances to banks	30,646	709	31,355	43,735	1,745	45,480
Net loans and advances to customers	306,334	1,639	307,973	334,251	60,550	394,801
Reverse repurchase agreement and stock borrowing	27,558	—	27,558	43,987	—	43,987
Loans and advances to customers	333,892	1,639	335,531	378,238	60,550	438,788
Debt securities	82,097	419	82,516	86,649	15,293	101,942
Equity shares	1,361	24	1,385	5,635	572	6,207
Settlement balances	4,116	—	4,116	4,667	—	4,667
Derivatives	262,514	30	262,544	353,590	402	353,992
Intangible assets	6,537	—	6,537	7,781	583	8,364
Property, plant and equipment	4,482	19	4,501	6,167	549	6,716
Deferred tax	2,631	—	2,631	1,911	—	1,911
Prepayments, accrued income and other assets	4,242	111	4,353	5,763	1,695	7,458
Assets of disposal groups	3,486	(3,486)	—	82,011	(82,011)	—
<b>Total assets</b>	<b>815,408</b>	<b>—</b>	<b>815,408</b>	<b>1,051,019</b>	<b>—</b>	<b>1,051,019</b>
<b>Liabilities</b>						
Bank deposits	28,030	32	28,062	35,806	5,128	40,934
Repurchase agreements and stock lending	10,266	—	10,266	24,859	1,666	26,525
Deposits by banks	38,296	32	38,328	60,665	6,794	67,459
Customer deposits	343,186	2,805	345,991	354,288	60,583	414,871
Repurchase agreements and stock lending	27,112	—	27,112	37,351	706	38,057
Customer accounts	370,298	2,805	373,103	391,639	61,289	452,928
Debt securities in issue	31,150	—	31,150	50,280	1,625	51,905
Settlement balances	3,390	7	3,397	4,503	—	4,503
Short positions	20,809	—	20,809	23,029	—	23,029
Derivatives	254,705	28	254,733	349,805	144	349,949
Provisions, accruals and other liabilities	15,115	97	15,212	13,346	683	14,029

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Retirement benefit liabilities	3,789	3	3,792	4,318	197	4,515
Deferred tax	882	8	890	500	362	862
Subordinated liabilities	19,847	—	19,847	22,905	226	23,131
Liabilities of disposal groups	2,980	(2,980)	—	71,320	(71,320)	—
Total liabilities	761,261	—	761,261	992,310	—	992,310

\*Restated – refer to page 270 for further details.

For the notes to this table refer to the following page.

**Business review**

	2015			2014		
	Balance sheet £m	Disposal groups £m	Gross of disposal groups £m (1)	Balance sheet £m	Disposal groups £m (2)	Gross of disposal groups £m
<b>Selected financial data</b>						
Gross loans and advances to customers	313,452	1,659	315,111	351,711	61,090	412,801
Customer loan impairment provisions	(7,118)	(20)	(7,138)	(17,460)	(540)	(18,000)
Net loans and advances to customers (3)	306,334	1,639	307,973	334,251	60,550	394,801
Gross loans and advances to banks	18,362	642	19,004	23,067	1,745	24,812
Bank loan impairment provisions	(1)	—	(1)	(40)	—	(40)
Net loans and advances to banks (3)	18,361	642	19,003	23,027	1,745	24,772
Total loan impairment provisions	7,119	20	7,139	17,500	540	18,040
Customer REIL	12,136	20	12,156	26,842	1,335	28,177
Bank REIL	1	—	1	42	—	42
REIL	12,137	20	12,157	26,884	1,335	28,219
Gross unrealised gains on debt securities	876	4	880	1,316	261	1,577
Gross unrealised losses on debt securities	(140)	—	(140)	(145)	(137)	(282)

## Notes:

(1) Primarily international private banking.

(2) Primarily Citizens.

(3) Excludes reverse repos.

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## **Business review Capital and risk management**

### **Risk overview\***

#### **Presentation of information**

Except as otherwise indicated by an asterisk (\*), information in the Capital and risk management section (pages 142 to 260) is within the scope of the Independent Registered Public Accountants report. Unless otherwise indicated, disclosures in this section include disposal groups businesses in relevant exposures. Refer to pages 140 and 141 for the Analyses of the balance sheet pre and post-disposal groups.

Following the deconsolidation of Citizens during 2015, to aid comparison, the 2014 Citizens balances have been presented as a separate line in the disclosures in the Capital and risk management section, with the exception of capital management and most liquidity and funding disclosures which remain in line with the relevant regulatory reporting basis. The 2014 comparatives in the Credit risk section exclude Citizens unless otherwise stated.

#### **Business model and associated risks**

RBS aims to become a bank that its customers and all other stakeholders can trust. It is doing so by focusing on Personal & Business Banking (PBB), Commercial & Private Banking (CPB) and Corporate & Institutional Banking (CIB) customers in its main markets of the UK and the Republic of Ireland. By delivering only services that meet their needs, it aims to achieve an appropriate return. Accordingly, RBS is simplifying its services as well as the processes it uses to deliver them, providing customers with better value services. It aims to become the number one bank in the UK for customer service, trust and advocacy by 2020.

RBS predominantly serves UK and Republic of Ireland customers through retail and commercial banking activities. PBB serves individual and mass affluent customers together with small businesses, providing a variety of traditional retail banking products, including current and savings accounts, residential mortgages and credit cards in the UK through UK PBB and in the Republic of Ireland through Ulster Bank RoI. CPB serves commercial and corporate customers in the UK and Western Europe and high-net-worth individuals, providing loan products and investment services. RBS International serves customers in Jersey, Guernsey, Isle of Man and Gibraltar. CIB serves UK and Western European corporates and global financial institutions through three core business lines: Rates, Currencies and Financing. CIB is moving towards a simpler business model and is re-shaping and downsizing.

The main sources of earnings are interest income from lending and fee income from transactional and other services. Given increased competition and the low interest rate environment in the UK, RBS's net interest margin has been under pressure. RBS is reducing costs through rationalisation, integration and simplification. A major programme is in train to transform and enhance the ways in which RBS operates.

RBS has made significant progress on the accelerated disposal of selected assets, with the complete divestment of Citizens, the sale of the majority of international private banking businesses, the run-down or sale of RCR assets one year ahead of schedule and a significant proportion of CIB Capital Resolution. Completion of this process will

significantly reduce or otherwise improve the profile of credit and market risk faced by the bank. RBS is also committed to full divestment of Williams & Glyn, which provides retail and commercial banking services in the UK, by the end of 2017.

RBS's business model faces regulatory risk and is responding to new and impending regulation. In particular, RBS's business model is adapting to UK Financial Services (Banking Reform) Act requirements that retail banking operations be 'ring fenced' - separate and protected from more volatile undertakings - by 2019.

These divestment, rationalisation and transformation projects expose RBS to a high degree of execution risk over the next few years as it transitions to its target business model. If not effectively managed, this represents a potential management burden and distraction, and associated business upheaval may affect RBS's ability to attract the talent and skills required.

An improved ability to serve customers and other stakeholders through increased focus on key strengths in Western European markets is intended to deliver financial robustness and stronger risk management. However, it does raise geographic and product concentration risks within RBS's target business model. These risks must be managed effectively in increasingly competitive and fast changing target markets, while navigating industry-wide risks such as those related to increasing cyber crime.

RBS continues to resolve issues related to historical misconduct and unsustainable strategic decision-making. To prevent recurrence of similar issues in the future, RBS aims to underpin its business model with a strong risk culture across its businesses, one that promotes appropriate risk awareness and judgements about risk-taking.

\*unaudited

**Business review Capital and risk management**

**Risk overview\*** continued

RBS is also exposed to a range of other risks including pension, business, conduct, reputational and strategic risks. These, and the business model related risks outlined above, are considered in the relevant sections below, and illustrated by the concentration of risk-weighted assets by segment below.

RWAs by segment

**Risk governance**

Governance structure

The risk governance structure and the main purposes of each of the committees is illustrated below:

\*unaudited

**Business review Capital and risk management**

**Risk overview\*** continued

Three lines of defence

The three lines of defence model is used industry-wide for the management of risk. It provides a clear set of principles by which to implement a cohesive operating model, one that provides a framework for the articulation of accountabilities and responsibilities for managing risk across the organisation.

*First line of defence - Management and supervision*

The first line of defence includes customer franchises, Technology and Operations and support functions such as HR, Communications and Financial MI. Responsibilities include:

- Owning, managing and supervising, within a defined risk appetite, the risks which exist in business areas and support functions.

- Ensuring appropriate controls are in place to mitigate risk: balancing control, customer service and competitive advantage.

- Ensuring that the culture of the business supports balanced risk decisions and compliance with policy, laws and regulations.

- Ensuring that the business has effective mechanisms for identifying, reporting and managing risk and controls.

*Second line of defence - Oversight and control*

The second line of defence includes RBS Risk Management and Conduct & Regulatory Affairs, (see below for further information), Legal, and the financial control aspects of Finance. Responsibilities include:

- Working with the businesses and functions to develop the risk and control policies, limits and tools for the business to use to discharge its responsibilities.

- Overseeing and challenging the management of risks and controls.

- Leading the articulation, design and development of RBS's risk culture and appetite.

- Analysing the aggregate risk profile and ensuring that risks are being managed to the desired level (risk appetite).

- Providing expert advice to the business on risk management.

- Providing senior executives with relevant management information and reports and escalating concerns where appropriate.

Undertaking risk assurance (see below for more information).

*Third line of defence - Internal Audit*

Responsibilities include:

Designing and delivering a risk-based audit plan to provide assurance on material risks and report on whether RBS is managing its material risks effectively.

Monitoring, evaluating and reporting on the remediation of material risks across RBS.

Engaging with management and participating in key governance fora to provide perspectives, insights and challenge so as to influence the building of a sustainable bank.

Advising the Group Audit Committee and executive management with respect to RBS's material risks and their associated controls.

Reporting any matters which warrant escalation to the RBS Board, the Board Risk Committee, Group Audit Committee and the Executive Committee as appropriate.

Providing independent assurance to the FCA, PRA, CBI and other key jurisdictional regulators on both specific risks and control themes.

\*unaudited

**Business review Capital and risk management**

**Risk overview\*** continued

Risk management structure

RBS's management structure and the main elements of each role are illustrated below.

Notes:

(1) RBS Risk Management

The RBS Chief Risk Officer (CRO) leads RBS Risk Management. The CRO reports directly to the Chief Executive and has an indirect reporting line to the Chairman of the Board Risk Committee and a right of access to the committee's chairman.

RBS Risk Management is a function independent of the franchises, structured by risk discipline to facilitate the effective management of risk.

In 2015, Risk Management, which had previously been spread across the different business segments, re-organised itself into six functional areas: Credit Risk; Enterprise-Wide Risk; Risk Infrastructure; Operational Risk, Support Functions and Divested Businesses; Risk Assurance; and Market Risk. Directors of Risk were also appointed for each of the franchises and for Services. The streamlined structure consolidates risk information, allowing for more efficient decision-making.

The directors of risk functions are responsible for RBS-wide risk appetite and standards within their respective disciplines and report to the CRO.

CROs are in place for certain jurisdictions and legal entities to meet local regulatory and governance requirements. They lead the risk management teams locally in support of functional risk heads where teams follow a functional operating model. The key CRO roles report directly to the RBS CRO.

Risk committees in the customer businesses and key functional risk committees oversee risk exposures arising from management and business activities and focus on ensuring that they are adequately monitored and controlled.



(2)

Conduct & Regulatory Affairs

Conduct & Regulatory Affairs (C&RA) is led by the Chief Conduct & Regulatory Affairs Officer, who reports directly to the Chief Executive and has an indirect reporting line to the Board Risk Committee and a right of access to the committee's chairman. It is responsible for providing oversight of conduct risk and regulatory risk at RBS, and does so by setting RBS-wide policy and standards, providing advice to each customer business, and ensuring that the mitigating controls are suitable. C&RA also provides leadership of RBS's relationships with its regulators.

The functional heads (the Directors of Financial Crime, Advisory, Remediation, Compliance Services and Regulatory Affairs), report to the Chief Conduct & Regulatory Affairs Officer. Each is responsible, where appropriate, for the RBS-wide risk appetite and standards of their respective areas.

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## **Business review Capital and risk management**

### **Risk overview\*** continued

#### **Risk assurance**

Risk assurance is a second line of defence function in which most of RBS's risk assurance activities are centralised. These primarily comprise credit risk and market risk quality assurance, controls assurance and Model Risk Management, each of which is described below.

*Credit risk and market risk quality assurance:* These teams provide assurance to both internal and external stakeholders including the Board, senior management, risk functions, franchises, Internal Audit and the regulators.

Credit risk and market risk quality assurance undertake reviews which assess various aspects of risk as appropriate: including: the quality of risk portfolios; the completeness, suitability, accuracy and timeliness of risk measurements; the quality of risk management practices; policy compliance; and adherence to risk appetite. This includes monitoring the bank's credit portfolios and market risk exposures to assist in early identification of emerging risks, as well as undertaking targeted reviews to examine specific concerns raised either by these teams or by their stakeholders.

The Risk Assurance Committee (RAC) provides governance to ensure a consistent and fair approach to all aspects of the review activities of credit and market risk assurance. Additionally, RAC monitors and validates the ongoing programme of reviews and tracks the remediation of review actions. The credit and market risk assurance teams also attend relevant committees run by the customer franchises and other risk functions to ensure strong communication channels are maintained.

*Controls assurance:* This team tests the adequacy and effectiveness of key controls relating to credit and market risk, including those within the scope of Section 404 of the US Sarbanes-Oxley Act of 2002. Since the team's creation in late 2014, testing has primarily covered key controls within CIB and CPB.

#### **Model risk management**

##### Model governance

Model governance follows a three lines of defence approach, with model developers having primary accountability and Model Risk Management (MRM) acting in a second-line-of-defence capacity.

MRM is responsible for setting policy, providing governance and insight for all of RBS's statistical, economic, financial or mathematical models and performing independent model validation where necessary. It works with individual businesses to set appropriate model standards, and monitor adherence to these, to ensure that models are developed and implemented appropriately and that their operational environment is fit for purpose.

Going forward, MRM will be responsible for defining and monitoring model risk appetite in conjunction with model developers, monitoring the model risk profile and reporting on the model population and escalating issues to senior management.

The general approach to MRM's independent model validation for risk and pricing models is detailed below. For more specific information relating to market risk models and pricing models, refer to page 251. For more specific information relating to credit risk models.

### **Models used within Risk**

RBS uses a variety of models as part of its risk management process and activities. Key examples include the use of model outputs to support risk assessments in the credit approval process, ongoing credit risk management, monitoring and reporting, as well as the calculation of risk-weighted assets. Other examples include the use of models to measure market risk exposures and calculate associated capital requirements, as well as for the valuation of positions. The models used for stress testing purposes also play a key role in ensuring the bank holds sufficient capital, even in stressed market scenarios.

For more information on the use of models in the management of particular types of risk, notably credit and market risk, refer to the relevant section.

### **Independent model validation**

MRM performs reviews of relevant risk and pricing models in two instances: (i) for new models or amendments to existing models and (ii) as part of its ongoing programme to assess the performance of these models.

A new model is typically introduced when an existing model is deemed no longer fit for purpose or when exposure to a new product requires a new approach to ensure that risks are appropriately quantified. Amendments are usually made when a weakness is identified during use of a model or following analysis either by the model developers or by MRM.

MRM's independent review comprises some or all of the following steps, as appropriate:

- Testing and challenging the logical and conceptual soundness of the methodology;

Testing the assumptions underlying the model, where feasible, against actual behaviour. In its validation report, MRM will opine on the reasonableness and stability of the assumptions and specify which assumptions, if any, should be routinely monitored in production;

- Testing whether all key appropriate risks have been sufficiently captured;
- Checking the accuracy of calculations;
- Comparing outputs with results from alternative methods;
- Testing parameter selection and calibration;
- Ensuring model outputs are sufficiently conservative in areas where there is significant model uncertainty;
- Confirming the applicability of tests for accuracy and stability; recalculating and ensuring that results are robust; and
- Ensuring appropriate sensitivity analysis has been performed and documented.

Based on the review and findings from MRM, the bank's model or risk committees with appropriate delegated authority consider whether a model can be approved for use and whether any conditions need to be imposed, including those relating to the remediation of material issues raised through the review process. Once approved through internal governance, the new or amended model is implemented. Models used for regulatory reporting may additionally require regulatory approval before implementation.

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## **Business review Capital and risk management**

### **Risk overview\*** continued

MRM reassesses the appropriateness of approved risk models on a periodic basis according to the approved Periodic Review Policy. Each periodic review begins with an initial assessment. A decision is then made by an internal model governance committee with appropriate delegated authority. Based on the initial assessment, the committee will decide to re-ratify a model based on the initial assessment or to carry out additional work prior to making a decision. In the initial assessment, MRM assesses changes since the last approval along the following dimensions, as appropriate: change in size/composition of the portfolio, market changes, model performance, model changes, status of any outstanding issues, scheduled activities including work carried over from previous reviews.

MRM also monitors the performance of RBS's portfolio of models. By engaging with the business and model users, MRM assesses whether models still capture underlying business rationale appropriately.

### **Risk culture and appetite**

#### Risk culture

A strong risk culture, as part of a healthy organisational culture, is essential to the realisation of RBS's ambition to build a truly customer-centric bank.

It seeks to create a strong risk culture that becomes part of the way people work and think. Such a culture should be supported by robust practices on risk identification, measurement and management, and on associated controls and governance. Risk competencies, mindsets and behaviours needed to support RBS's risk culture should be embedded across the organisation and made integral to performance reviews.

In 2015 RBS made significant steps in measuring and benchmarking its risk culture across all areas of the bank. This has resulted in agreement on its target risk culture and initiatives needed to achieve it. While changing organisational culture will take time, RBS's risk culture objectives form a key part of individual performance objectives at all levels of the bank.

RBS's target risk culture is clearly aligned to its core values of "serving customers", "working together", "doing the right thing" and "thinking long term". They act as a clear starting point for a strong and effective risk culture.

Aligned to these values is the Code of Conduct. The Code provides guidance on expected behaviour and sets out the standards of conduct that support the values. It explains the effect of decisions that are taken and describes the principles that must be followed.

These principles cover conduct-related issues as well as wider business activities. They focus on desired outcomes, with practical guidelines to align the values with commercial strategy and actions. The embedding of these principles facilitates sound decision making and a clear focus on good customer outcomes. They are aligned with the people management and remuneration processes to support a positive and strong risk culture through appropriate incentive structures.

A simple decision-making guide (called the “YES check”) has been included in the Code of Conduct. It is a simple, intuitive set of five questions, designed to ensure the values guide day-to-day decisions:

- Does what I am doing keep our customers and RBS safe and secure?
- Would customers and colleagues say I am acting with integrity?
- Am I happy with how this would be perceived on the outside?
- Is what I am doing meeting the standards of conduct required?
- In five years’ time would others see this as a good way to work?

Each question is a prompt to think about the situation and how it fits with RBS’s values. It ensures that employees can think through decisions that do not have a clear answer, guiding the judgements behind their decisions and actions.

If conduct falls short of RBS’s required standards, the accountability review process is used to assess how this should be reflected in pay outcomes for those individuals concerned. The Group Performance and Remuneration Committee also consider risk performance and conduct when determining overall bonus pools. The Committee’s decisions on pay aim to reinforce the need for good behaviours by all employees.

RBS’s policies require that risk behaviour assessment is incorporated into performance assessment and compensation processes for enhanced governance staff.

#### Risk-based key performance indicators

RBS-wide remuneration policy requires remuneration to be aligned with, and to support, effective risk management. The policy ensures that the remuneration arrangements for all employees reflect the principles and standards prescribed by the UK Remuneration Code. For further information refer to page 71.

#### Training

Enabling employees to have the capabilities and confidence to manage risk is core to RBS's learning strategy.

RBS offers a wide range of risk learning across the risk disciplines: Market Risk; Credit Risk; Operational Risk; Enterprise Risk; and Conduct and Regulatory Risk. This training can be mandatory, role specific or for personal development and includes technical and behavioural content.

There is mandatory learning that has to be completed by everyone and is focused on keeping employees, customers and the bank safe. This learning is accessed via the online learning system and is dependent on their role and business area. This makes it easy for employees to access and complete and allows monitoring at all levels to ensure completion.

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## **Business review Capital and risk management**

### **Risk overview\*** continued

#### **Risk appetite**

Risk appetite is the way in which RBS expresses the level of risk it is willing to accept in order to achieve its strategic, business and financial objectives.

It is key to ensuring overall safety and soundness and in embedding a strong risk culture throughout RBS.

The Board reviews and approves the risk appetite framework annually, establishing the level and types of risks RBS is able and willing to take in order to meet its:

Strategic objectives - The strategic plan is built on the core foundations of serving customers well, building a sustainable risk profile and creating long-term value for its shareholders; and

Wider obligations to stakeholders - If RBS is safe and sound and puts serving customers at the heart of its thinking, it will also perform well for its owners, employees, regulators and communities.

Risk appetite is set for material risks and is cascaded and embedded across RBS. It clearly informs, guides and empowers the businesses to execute their strategies within risk appetite.

#### **Strategic risk appetite**

RBS's risk appetite framework is designed to ensure RBS remains safe and sound and serves customers and wider stakeholders.

The Board has set out four key strategic risk appetite objectives, aligned with the strategic plan, which provide the boundaries within which the risk appetite for all material risks is set. The strategic risk appetite objectives are:

Maintain capital adequacy. To ensure there is sufficient capital resources to meet regulatory requirements and to cover the potential for unexpected losses.

Deliver stable earnings growth. To ensure that strategic growth is based around a longer-term risk-versus reward consideration, RBS sets risk appetite to remain profitable under severe stress.

Designed to ensure stable and efficient access to funding and liquidity. To ensure that there is sufficient funding to meet its obligations, taking account of the constraint that some forms of funding may not be available when they are



most needed.

Maintain stakeholder confidence. To ensure that RBS is respected, valued and trusted by stakeholders (customers, employees, debt and equity investors, regulators and the wider community) to attain its strategic objectives, and establish and maintain an appropriate business culture and operational controls.

The strategic risk objectives are the bridge between the RBS-wide business strategy and the frameworks, limits and tolerances that are used to set risk appetite and manage risk in the business franchises on a day-to-day basis.

#### Risk appetite measures

Risk appetite starts with the strategic goals set by the Board and is cascaded through key limits and risk tolerances that influence decision-making at all levels.

Risk appetite is set in a manner that:

Is aligned to business and financial goals. The risk appetite framework ensures that risk is managed in a manner that aligns to and supports the attainment of business and financial objectives.

Is meaningful to the business. Where possible risk appetite is expressed quantitatively and in a manner that can be cascaded meaningfully and unambiguously to the business. Risk control frameworks and limits set detailed tolerances and limits for managing risk (such as credit risk and market risk) on a day-to-day basis. These limits support, and are required to be consistent with, the strategic risk appetite.

Considers performance under stress. The establishment and monitoring of risk appetite considers potential risk exposures and vulnerabilities under plausible stress conditions

Effective processes exist for frequent reporting of RBS's risks against agreed risk appetite to the Board and senior management.

#### Risk appetite statements

Risk appetite statements provide clarity on the scale and type of activities permitted, in a manner that is easily communicated.

Risk appetite is set at RBS-wide level then cascaded and embedded across all businesses and support functions.

Each franchise, RBS-wide material risk owner, function and material legal entity is required to develop, own and manage a risk appetite statement that:

- Evidences alignment with strategic objectives and financial plans.
- Articulates the level of acceptable risk for all risks deemed material.
- Articulates the escalation path to be followed in the instance of a breach in risk appetite.

\*unaudited

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**Business review Capital and risk management**

**Risk overview\*** continued

The communication of risk appetite helps embed appropriate risk taking into the bank's culture.

**Risk control frameworks and limits**

Risk control frameworks and their associated limits are an integral part of the risk appetite framework and a key part of embedding risk appetite in day-to-day risk management decisions. The risk control frameworks manage risk by expressing a clear tolerance for material risk types that is aligned to business activities.

The RBS Policy Framework directly supports the qualitative aspects of risk appetite, helping to rebuild and maintain stakeholder confidence in RBS's risk control and governance. Its integrated approach is designed to ensure that appropriate controls, aligned to risk appetite, are set for each of the material risks it faces, with an effective assurance process put in place to monitor and report on performance. Risk appetite has its own policy within the RBS Policy Framework. This policy sets out clear roles and responsibilities to set, measure, cascade and report performance against risk appetite, and provides assurances that business is being conducted within approved risk limits and tolerances.

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**Business review Capital and risk management**

**Risk overview\*** continued

Risk coverage

The main risk types faced by RBS are presented below. For further information, refer to pages 154 to 260.

Risk type	How the risk arises	2015 overview (1)
Capital adequacy risk	Capital adequacy risk arises from inefficient management of capital resources.	<ul style="list-style-type: none"> <li>· Capital strength continued to improve throughout 2015, driven by the successful execution of exit strategy including the disposal of Citizens and continued de-risking of the balance sheet, primarily in Capital Resolution. RBS's CET1 ratio improved from 11.2% to 15.5% at 31 December 2015 despite absorbing the 0.7% impact of the pension accounting policy change and 0.8% impact from additional US RMBS and PPI provisions of £2 billion during Q4 2015.</li> </ul>
		<ul style="list-style-type: none"> <li>· Capital structure extended and leverage ratio improved through issuance of £2 billion AT1 capital notes in August 2015.</li> </ul>
		<ul style="list-style-type: none"> <li>· RWAs have reduced by £113 billion from £356 billion to £243 billion, ahead of our year-end target of £300 billion, driven by the disposal of Citizens (£63 billion) and the continued progress of Capital Resolution down £46 billion. There were further small reductions across most core business.</li> </ul>
		<ul style="list-style-type: none"> <li>· Leverage ratio improved from 4.2% to 5.6% reflecting the improvements in capital strength, including AT1 issuance, as well as reduction in funded assets by £145 billion from £697 billion to £553 billion.</li> </ul>
		<ul style="list-style-type: none"> <li>· RBS would have a GSIB capital surcharge requirement of 1.0% of RWAs, based on the FSB's most recent determination of RBS's systemic importance, a reduction from 1.5% previously.</li> </ul>

Liquidity and funding risk  
 Liquidity and funding risk arise through the maturity transformation role that RBS performs and arises from day-to-day operations.

- The liquidity portfolio increased by £5 billion in the year to £156 billion, primarily reflecting the strategic run-down of Capital Resolution loans faster than the associated liabilities and proceeds from the Citizens share sales; this was offset to some extent by UK PBB and Commercial Banking loan growth.

- Short-term wholesale funding (STWF) including derivative collateral decreased by £16 billion to £38 billion mainly due to the maturity of term debt issued during the financial crisis. STWF excluding derivative collateral covering short-term wholesale funding (STWF), by more than nine times.

- LCR was 136% at 31 December 2015, with the improvement from 112% at year end 2014 primarily reflecting the strategic run-down of Capital Resolution assets at a faster rate than their associated liabilities. The ratio was strengthened by the placing of surplus Capital Resolution liabilities in short-term liquid assets.

- NSFR, based on RBS's interpretation of the Basel framework, had increased to 121% at 31 December 2015 from 112% at 31 December 2014. The increase in the metric is also partly due to the reduced need for stable funding as a result of Capital Resolution rundown.

- The customer loan:deposit ratio reduced to 89% compared with 95% at the end of 2014. This reflects the strategic run down of Capital Resolution loans and higher retail and commercial deposits, this was partly offset by loan growth within UK PBB and Commercial Banking.

- Based on its assessment of the PRA's proposals, RBS may issue between £3-£5 billion per annum during 2016-2019 to meet MREL requirements.

Business risk  
 Business risk arises from exposure to, and the ability to assess the impact of, changes in the macro-environment, competition, business operations and technology.

- RBS reduced its business risk profile by implementing its strategic plan to shift the business mix towards the UK and the retail and commercial banking segments, with riskier activities in CIB and Capital Resolution curtailed via disposals and run-down.

· RBS continued with its simplification agenda and cost reduction programme.

Note:

(1) Refer to page 430 for abbreviations and acronyms.

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**Business review Capital and risk management**

**Risk overview\*** continued

Risk type	How the risk arises	2015 overview
Reputational risk	<p>Reputational risk can arise from the conduct of employees; activities of customers and the countries in which they operate; provision of products and transactions; as well as operations and infrastructure.</p>	<p>The importance of reputational risk was reinforced with the implementation of a Reputational Risk Policy across business franchises and functions to improve the identification, assessment and management of customers and issues that present a reputational risk.</p> <p>The most material threats to RBS’s reputation continued to originate from historical and more recent conduct issues. As a result, RBS has been the subject of investigations and reviews by a number of its regulators, some of which have resulted in fines and public censure.</p>
	<p>Conduct risk arises if customers are not treated in line with their and other stakeholders’ expectations. Conduct risk also arises if RBS does not take effective action to prevent fraud, bribery and money laundering.</p>	<p>Conduct and litigation costs were £3.6 billion in 2015 compared with £2.2 billion in 2014 and included additional provisions of £2.1 billion for historical investment banking activity in the US and £0.6 billion for PPI. RBS continued to remediate historical conduct issues, while also focusing its customer-facing businesses and support functions around the needs of its customers.</p> <p>A new Conduct Risk Appetite Framework was established.</p>
Conduct and regulatory risk	<p>Regulatory risk arises from RBS’s regulatory, business or operating environments and RBS’s response to them.</p>	<p>RBS implemented programmes to prepare for ring-fencing and the UK’s new individual accountability regime, as well as other future regulatory requirements; there was significant investment in anti-money laundering controls, governance and training.</p>
Operational risk	<p>Operational risk arises from a failure to manage operations, transactions and assets appropriately. It</p>	<p>The functional operating model for operational risk was embedded, with the aim of</p>

may arise from human error, an inability to deliver change on time or adequately, or the unavailability of technology services or the loss of customer data. Fraud and theft are sources of operational risk, as is the impact of natural and man-made disasters. It may also arise from a failure to take appropriate measures to protect assets or take account of changes in law.

ensuring this is managed consistently across RBS. This supplemented work by the customer businesses to improve understanding of the operational risk profile and the actions required to mitigate risks outside of appetite.

- Following the major IT incident of 2012, there was further significant investment in upgrading RBS's core banking technology infrastructure and in improving a broad range of processes and tools.

- The threat to the security of RBS's information from cyber attacks continued to be closely monitored. During 2015 RBS participated in industry-wide cyber attack simulations in order to help test and develop defence planning. Actions taken to mitigate the risk included a large-scale programme to improve user access controls, a reduction in the number of external websites, and enhanced protection against malware.

- Operational Risk continued to oversee the execution of major projects, including the transformation plan, the restructuring of CIB and the divestment of Williams & Glyn. This ensured the associated risks were assessed and understood with mitigating activity in place wherever possible.

\*unaudited



**Business review Capital and risk management**

**Risk overview\*** continued

Risk type	How the risk arises	<p>2015 overview</p> <ul style="list-style-type: none"> <li>· Following developments in pension accounting and reporting during 2015, RBS revised its policy for determining whether or not it has an unconditional right to a refund of any surpluses in its employee pension funds and also revised prior periods. The incremental impact of this, combined with the accelerated payment expected to be made in 2016, is anticipated to improve RBS's risk profile, capital planning, and resilience through the period to 2019. The accelerated payment is also expected to provide the Main Scheme Trustee with more flexibility over investment strategy.</li> </ul>
Pension risk	RBS is exposed to pension risk through its defined benefit schemes and the variations in their value.	<ul style="list-style-type: none"> <li>· Subject to PRA approval, the adverse CET1 capital impact resulting from the accounting policy change and the accelerated payment is expected to be partially offset by a reduction in CET1 capital requirements. Any such core capital offsets are likely to occur at the earliest from 1 January 2017, but they will depend on the PRA's assessment of RBS's CET1 capital position at that time.</li> </ul>
Credit risk	Credit risk arises from lending and AFS debt securities. Counterparty credit risk results from derivatives and securities financing transaction activities.	<ul style="list-style-type: none"> <li>· Overall credit risk exposure decreased in 2015 in line with RBS's strategy to decrease exposure in non-strategic regions. The growth in UK PBB gross mortgage lending reflected our strategy to refocus the business on the UK market, as well as improving economic conditions and increasing house prices in a continuing low interest environment.</li> <li>· Risk appetite limits for the sector and product and asset class frameworks were reduced taking account of the revised risk appetite associated with the restructured CIB business.</li> <li>· Asset quality improved due to continued focus on reducing risk concentrations and the reduction in exit portfolios driven by the RCR disposal strategy as well as improving economic and market conditions in the UK and Ireland.</li> <li>· Deteriorating market conditions in the Oil &amp; Gas and Mining &amp; Metals sectors have led to heightened credit monitoring in these sectors. However, there was no material deterioration in asset quality during 2015</li> </ul>

with the majority of the portfolios remaining investment grade.

- Overall credit metrics strengthened in 2015 principally reflecting Capital Resolution disposals but also the impact of supportive economic conditions:

- Impairment provisions of £7.1 billion (2014 - £18.0 billion) covered REIL of £12.2 billion (2014 - £28.2 billion) by 59% (2014 - 64%).

- CRE lending fell to £27.6 billion from £43.3 billion at the end of 2014, of which £3.6 billion (2014 - £13.3 billion) was REIL with provision coverage of 58% (2014 - 68%).

Market risk

The majority of RBS's traded market risk exposure arises in CIB and Capital Resolution through transactions in financial instruments including debt securities, loans, deposits and equities, as well as securities financing and derivatives.

- Average trading internal VaR decreased to £18.9 million (2014 - £27.8 million), reflecting strategic exits including from US asset-backed products trading in the first half of 2015.

- RWAs decreased by £2.8 billion to £21.2 billion, primarily in Capital Resolution.

The majority of its non-traded market risk exposure arises from retail and commercial banking activities in all franchises from assets and liabilities that are not classified as held for trading.

- Non-trading interest rate VaR was significantly lower following the divestment of Citizens.

\*unaudited

## **Business review Capital and risk management Capital management\***

### **Definition**

Capital management lies at the core of RBS's strength and sustainability goals. RBS defines capital as that part of the liability side of its balance sheet that has the capacity to absorb losses. The construction of capital starts with Common Equity Tier 1 (CET1) and other classes of capital such as Additional Tier 1 (AT1) and Tier 2. RBS will build up sufficient minimum requirements for eligible liabilities (MREL) over the coming years in line with regulatory requirements. Capital management involves the optimisation and efficient use of capital required by the bank's businesses, the outcomes of stress testing, the requirements of the market and the regulators and the supply of adequate forms of capital at acceptable prices.

All the disclosures in this section are unaudited.

### **Overview and key developments**

Capital strength continued to improve during 2015, driven by the successful execution of exit strategy including the disposal of Citizens and continued de-risking of the balance sheet, primarily in Capital Resolution. CET1 ratio improved from 11.2% to 15.5% at end 2015 despite absorbing the 0.7% impact of the pension accounting policy change (0.4% on a pro forma basis at end 2014) and 0.8% impact from additional US RMBS and PPI provisions of £2 billion during Q4 2015.

Capital structure extended and improved leverage ratio through the over-subscribed issuance of US\$3.15 billion (£2 billion) AT1 capital notes in August 2015.

RWAs have reduced by £113 billion from £356 billion to £243 billion, ahead of year end target of £300 billion, driven by the disposal of Citizens (£63 billion) and the continued progress of Capital Resolution (down £46 billion). There were further small reductions across most core businesses.

The de-risking throughout 2015 has allowed RBS to free up capital into the core franchises, helping to align to our strategy of becoming a more focused bank better able to serve our customers in our key markets.

Leverage ratio improved from 4.2% to 5.6% reflecting the improvements in capital strength, including AT1 issuance as well as reduction in leverage exposure, as funded assets fell by £145 billion to £553 billion. The pension accounting policy change lowered the leverage ratio by approximately 0.2% at 31 December 2015 and on a pro forma basis at end 2014.

RBS's current Pillar 2A requirement was 5.0% of RWAs at 31 December 2015, with 56% met by CET1 capital (2.8%). The Prudential Regulation Authority (PRA) Pillar 2A assessment is a point in time measure of the amount of capital that is required to be held to meet the overall financial adequacy rules. This assessment may change over time, including as a result of an at least annual supervisory review and evaluation of RBS's internal capital adequacy assessment process.

Based on PRA's proposals on MREL being twice current minimum Pillar 1 and Pillar 2A requirements, RBS's current MREL rates equivalent would be approximately 13%.

Based on CRR requirements being phased in by 2019, RBS would have a GSIB surcharge requirement of 1.0% (previously 1.5%) of RWAs, based on the FSB's most recent determination of RBS's systemic importance.

## **Risk appetite and strategy**

### **Risk appetite**

The RBS risk appetite framework establishes appetite targets on quantitative and qualitative measures which are set by the Board, aligned with its key strategic risk objectives.

RBS has a capital management framework including policies and procedures that are designed to measure actual and projected capital performance against risk appetite, ensures that it continues to comply with regulatory requirements and is positioned to meet anticipated future changes to its capital requirements.

RBS's capital risk appetite, which informs its capital targets, is reviewed and set annually by the Board. Capital risk appetite sets target ratios for CET1 and leverage under stress scenarios and reverse stress tests. These then inform capital targets for CET1 and leverage. RBS also looks at other factors that may impact capital targets such as double leverage, distributable reserves, capital headroom to Maximum Distributable Amount (MDA) and intra group limits and exposures. Risk appetites are also set at legal entity level and may encompass additional specific risk measures such as intra group exposures and limits and double leverage.

### **Strategy**

RBS maintains a sufficient level of capital that allows it to operate over its strategic horizon with an agreed risk appetite in pursuit of its business strategy, taking into account regulatory requirements, support for customers and to provide confidence to stakeholders.

RBS is able to accumulate additional capital through the reduction in RWAs (either through disposals or natural attrition) accumulation of profits over time, by raising new equity via, for example, a rights issue or debt exchange and by raising AT1 and Tier 2 capital by issuing subordinated liabilities. The cost and availability of additional capital is dependent upon market conditions and perceptions at the time. RBS is also able to manage the demand for capital through management actions including adjusting its lending strategy, risk hedging strategies and through business disposals.

The level of CET1 at the consolidated level and within specific legal entities is the cornerstone of capital strategy. Complementing CET1, RBS issues externally and will allocate internally AT1 capital, Tier 2 capital and looking forward, MREL instruments in accordance with internal needs, regulatory requirements and strategic plans. The amount of additional capital is determined as part of the annual budgeting cycle, by market conditions and through ongoing dialogue with regulators. It is under constant review and evaluation to ensure that it provides efficient and optimally valued benefits to the bank at all times.

The capital raising strategy is driven by two factors: the optimal blend to satisfy regulatory requirements, and the most cost effective means of financing. RBS has a range of instruments available to it both internally and externally. RBS also has legacy capital instruments that may still have some transitional benefits under the changing regulatory framework. RBS constantly looks at the value and efficiency provided by those instruments and will take such market related actions to the extent that circumstances and conditions merit such action. RBS's policy is to manage its externally issued portfolio of debt securities for value.

\*unaudited

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Stress testing results are presented to senior management (and BRC/Board) periodically, and used to assess capital impacts of business decisions

#### Internal Capital Adequacy Assessment Process (ICAAP)

The ICAAP assesses RBS's material risks determining how much capital is required to cover these risks. The ICAAP consists of two types of internal capital assessment:

- a Point-in-time capital assessment as at the financial year end, and
- a Forward-looking stress capital assessment.

The final ICAAP is approved by the Board prior to submission to the PRA.

	Board Risk Committee (BRC)	Capital Risk Assessment (CRA)
<p>Assessing, monitoring and maintaining adequate capital. It is RBS's policy to build and sustain a strong capital base and to use it efficiently throughout its activities to support strategic objectives and optimise shareholder returns while maintaining a prudent relationship between its capital base and the underlying risks of the business, including the risk of excessive leverage.</p>	<p>With sight of various risk types the Board Risk Committee (BRC) is responsible for providing oversight and advice to the Board in relation to current and potential future risk exposures of RBS and future risk strategy, including determination of risk appetite and tolerance.</p>	<p>CRA's are annual 'top down' processes to help identify, understand and assess material risks. Consideration is given to whether and how much capital should be set aside against each risk type forming a key input to the ICAAP. For effective risk management CRA's are marked against financial or non-financial thresholds.</p>

\*unaudited

**Business review Capital and risk management**

**Capital management\*** continued

Capital planning

Capital and leverage is actively managed and regulatory ratios are a key factor in the Group's planning processes and stress analyses. Capital planning is an activity undertaken within Treasury to determine the appropriate amount of capital needed over the budget horizon under both base and stress projections using both risk and leverage based assessment tools and given a specific risk appetite.

Capital plans are derived for RBS overall and its major operating, regulated entities. Capital plans are prepared in compliance with specific regulatory rules (for example CRD IV) and in accordance with system wide and local, specific regulatory guidance. Capital plans for UK regulated entities are drawn up centrally whereas capital plans for non-UK regulated entities are drawn up locally and subject to central review and challenge to ensure consistency of approach and adherence to capital management policies.

The starting point for any capital plan will be with the annual budget cycle which forecasts the bank's balance sheet trajectory over a 5 year forward looking horizon. The budget cycle will incorporate assumptions about the future shape and direction of the balance sheet of RBS and its operating entities. It will include assumptions around the future path of RWAs, profitability and tax. Idiosyncratic factors such as conduct and litigation costs and disposals are also considered. Finally known or expected system or firm specific regulatory guidance (for example phasing in of CRD IV assumptions or leverage requirements) are also considered.

The capital plans are tested for capital adequacy and measured against the bank's risk appetite framework using a range of stress scenarios covering adverse economic conditions as well as other adverse factors that could impact the bank. In addition the bank maintains a recovery plan which sets out a range of potential mitigating actions that could be taken in response to an extreme stress. Known and expected assumptions around the future direction of regulation is also taken into account. Furthermore specific idiosyncratic risks such as conduct risk are factored into capital plans.

From these inputs a forecast will be derived on how much capital is required to support these assumptions using both risk and leverage based approaches. This will estimate the required amount of CET1 through to non-capital minimum requirement eligible liabilities (MREL) in each period over the forecast.

Once the capital plan is approved it is then subject to ongoing review and assessment to reflect changes to the underlying components such as forecasts or new regulatory guidance or assumptions. Shorter term forecasts are more frequently undertaken to understand and respond to variations of actual performance against the plan.

Capital policies and procedures are subject to independent oversight. Regular reporting of actual and projected capital and leverage ratios, including those in stressed scenarios, is undertaken, including submissions to the ALCo, ERF,



EXCo, Board Risk Committee and the Board.

The regulatory framework within which RBS operates continues to be developed at a global level through the FSB and Basel Committee, at a European level mainly through the issuance of CRD IV technical standards and guidelines and within the UK by the PRA and through directions from the FPC.

RBS continues to monitor regulatory developments very closely, analysing the potential capital impacts to ensure RBS continues to maintain a strong capital position that exceeds the minimum regulatory requirements and risk appetite and is consistent with market expectations.

*Capital requirements: Pillar 1 and 2*

Capital demand is normally the aggregation of Pillar 1, Pillar 2A, the greater of the CRD IV or Pillar 2B buffers, and any management buffer (for example over and above MDA). Pillar 2 is becoming an increasingly important component of our capital requirements.

Pillar 2A is determined through the ICAAP process mentioned herein and reflects RBS specific risks. Factors driving Pillar 2 requirements include operational risk, interest rate risk in the banking book, credit concentration risk and pension risk amongst others.

The Pillar 2B requirement and recently introduced PRA buffer reflects the impact of stress through the analysis undertaken in annual ICAAP. The amount of stress capital may well also be informed by performance under the new regulatory stress testing process. The amount of stress based capital requirement is the higher of Pillar 2B or the CRD IV risk buffers plus any management buffer.

A management buffer may be overlaid on top of that to reflect additional risks that the Board believe are prudent to cover (such as headroom over and above any MDA threshold).

*Capital supply*

Capital supply consists of the amount of CET1, AT1, Tier 2 and, going forward, non-capital MREL securities in existence at any one time.

The capital planning process determines the most efficient mix between these different types of security in keeping with the bank's strategic plans and risk appetite. Considerations include:

- Internal risk appetite (including stress testing);
- Regulatory policies and guidance; and
- Market conditions and expectations.

The bank will issue capital securities from time to time and may engage in selective buy backs, liability management exercises and other market actions in line with its stated risk appetite and other metrics. RBS's policy is to manage its externally issued portfolio of debt securities for value.

\*unaudited

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**Business review Capital and risk management**

**Capital management\*** continued

Stress testing

The diagram below summarises a number of areas where stress testing is used within RBS. These include four overall categories, including strategic, financial and capital planning, risk appetite, risk identification and risk mitigation.

Stress testing usage within RBS

1 Strategic financial & capital planning

- Assess impact of plausible downside scenarios on financial position.
- Assessment of strategic plans against market concerns and headwinds.

2 Risk appetite

- Better understanding of underlying risks to inform the setting of risk appetite (e.g. sector reviews, earnings volatility, reverse stress test).
- Assess the impact of current business strategies on risk appetite.
- Identify drivers of risk appetite triggers.

3 Risk identification

- Manage business through improved understanding of the underlying risk. Examples:
  - Tail risk assessment: identification of risky portfolios that breach a series of pre-determined triggers.
  - Business vulnerabilities analysis: assessment of business model weaknesses through cross-functional discussions.
- Identify high-risk portfolios to be investigated further.

4 Risk mitigation

- Inform mitigating actions within RBS and segmental strategic plans.
- Determine a schedule of potential management actions to be executed in the event of stress.

\*unaudited

**Business review Capital and risk management**

**Capital management\*** continued

*Stress testing process and techniques*

The stress testing process has four key stages.

Stress scenario definition:

- RBS-specific vulnerabilities are identified and linked to the development of relevant stresses;
- Scenario is defined, severity calibrated and parameters established; and
- Governance is put in place for stress theme approval and scenario validation.

Stress test execution and governance:

- Impact of stress scenario is translated via relevant risk drivers such as RWAs, impairments;
- Profit and loss impacts of stress scenario are also assessed; and
- Review of stress output by the business as well as risk, treasury and finance teams.

Consolidation and capital planning:

- Segmental results are consolidated to provide a combined view of stress impact;
- Stressed profit and loss and RWA assessment contribute towards arriving at a stressed capital plan;
- Additional capital impacts under stress are considered such as pension deficit, foreign exchange reserves; and
- Final stressed capital, leverage and liquidity ratios are produced for each year of the scenario.

Management actions and governance:

- Internal subject matter experts determine a 'menu' of possible management actions under stress conditions such as capital raising, de-risking and sale of assets, and cost reduction; and
- Stress testing is reviewed by senior risk management and executives; and governance is provided by ERF, BRC and Board.

Risk-type specific stress testing is also conducted. For example, within the market risk management framework, a comprehensive programme of stress tests covers a variety of historical and hypothetical scenarios.

Portfolio-specific stress tests assess the reaction of key portfolios to systemic shocks and identify potential vulnerabilities, including risks that have not yet matured or are not yet visible. They assess the potential for outsized

losses and the impact of rebalancing portfolios.

*Regulatory stress test exercises*

RBS also takes part in external stress tests as part of wider stress testing frameworks implemented by regulatory authorities to test industry-wide vulnerabilities under crystallising global systemic risks. In 2015, RBS participated in a regulatory stress test designed by the Bank of England (BoE).

The BoE stress test exercise tested the impact of a synchronised global downturn triggered by a sharp slowdown in China and deep recession in the eurozone, amidst amplifying disinflationary pressures. In particular, the scenario examined the resilience of UK banks to corporate vulnerabilities such as deep recession in trading partners' economies. Under the scenario, the UK suffers a severe recession with economic uncertainty damaging confidence and causing business investment contraction, a housing market shock and a significant rise in unemployment accompanied by a period of deflation.

Under the Bank of England's hypothetical adverse scenario, the results show that RBS's capital position remains above the threshold CET1 ratio of 4.5% and meets the leverage ratio of 3.0% with a low point of 6.1% CET1 ratio and 3.0% leverage ratio after 'strategic' management actions. The PRA Board judged that RBS did not meet its individual capital guidance after management actions in this scenario. Since December 2014, RBS has taken actions to improve its capital position. During the course of 2015, RBS issued £2 billion of AT1. In light of the steps that RBS has already taken to strengthen its capital position, coupled with its plans for future AT1 issuance, the PRA Board did not require RBS to submit a revised capital plan.

\*unaudited

**Business review Capital and risk management**

**Capital management\*** continued

Internal capital adequacy assessment process (ICAAP)

The ICAAP assesses RBS's material risks and determines how much capital is required to cover these risks.

The ICAAP consists of two types of internal capital assessment:

Point-in-time capital assessment as at the financial year end:

° Pillar 1 - CET1 4.5% of credit, market and operational RWAs at the financial year end.

Pillar 2A - additional capital requirements for risks not captured or not adequately captured in Pillar 1. A Capital Risk Assessment is performed to ensure that all material risks are identified, appropriately managed and adequately capitalised where appropriate.

Forward-looking stress capital assessment:

Pillar 2B - Capital planning buffer is set to ensure RBS maintains adequate capital resources in stress to allow it to continue to meet the minimum capital requirements. The current capital planning buffer will be replaced by the PRA buffer from 1 January 2016.

The final ICAAP is approved by the Board prior to submission to the PRA. Component parts of the ICAAP are set out in the diagram below.

Internal capital adequacy assessment process

\*unaudited

**Business review Capital and risk management**  
**Capital management\*** continued

*Economic capital*

An economic capital framework and associated models are used by RBS as a supplement to other risk and capital management tools, such as stress testing and regulatory capital. Economic capital enables the bank to assess the adequacy of capital allocated to its material risks at different confidence levels/severities and to incorporate the assessment of additional risks that are not fully addressed by other measures, for example, concentration risk, which is not addressed by regulatory capital requirements. Models are developed and maintained for the bank's material risk categories and are used in the ICAAP, to assess risk profiles within the risk appetite framework and as part of risk management frameworks e.g. operational risk and credit risk management.

The characteristics of the models relating to these risks are consistent across risks, business lines and throughout the economic cycle, but are also flexible to allow outcomes to be employed for a number of purposes e.g. severity level/confidence interval, time horizon and correlations. Models have been developed internally but are subject to rigorous governance including external benchmarking, independent validation and extensive internal review and challenge. Models are regularly reviewed and continue to be updated for new data sources and improvements in risk modelling methodology.

The ability to change severity levels supports the management of earnings volatility and capital risk. Economic models are used in the ICAAP, assessing risk profiles within the risk appetite framework and functional risk management such as Operational Risk and Credit Risk management.

Recovery planning

In line with regulatory requirements, RBS regularly updates its recovery plans, which include a framework of indicators identifying the points at which appropriate actions may be taken in the event of unexpected weaknesses in its capital or liquidity resulting from either idiosyncratic or systemic stress, as well as a menu of options for addressing such weaknesses. Recovery plans are subject to an ongoing improvement assessment in line with regulatory feedback and internal standards and expectations.

RBS continues to develop its resolution capability and planning in line with best practice and regulatory guidance.

Recovery Plans are required to be updated annually; it is anticipated that RBS's 2016 Recovery Plan will be prepared in line with revised rules taking into account the European Union Bank Recovery and Resolution Directive of 2014 and the European Banking Authority's regulatory technical standards on recovery planning. These rules would require a bank to notify the PRA, without delay, if it decides to take action under the recovery plan or refrains from taking action.

## Regulatory developments and RBS's current and future capital position

Regulatory proposals and rules issued or set by the following regulators are the most relevant for RBS:

Basel - recommendations for all major international institutions - usually through Basel Committee of Banking Supervision (BCBS);

EU - issue consistent rules for all EU banks and investment firms, commonly through the European Banking Authority (EBA); and

PRA - additional local rules for UK banks and investment firms.

### *Capital*

Following the implementation of the Basel III proposals through the Capital Requirements Regulation (CRR) and the Capital Requirements Directive (CRD), collectively known as CRR/CRD IV, which came into effect on 1 January 2014, the regulatory drive towards improved capital standards for banks continues and is centred on three broad themes:

Robust definitions of capital for CET1 and leverage purposes that are not dependent on one or more economic cycles;

Improved strength of banks, with strategic plans and business models capable of undergoing one or more significant stress events; and

Valid and viable recovery plans in place for banks to return to normality after a period of stress or, easy application of the resolution frameworks.

Many of these aspects still require analysis and debate and therefore any implementation is likely to take many years.

CRR/CRD IV introduced the following minimum requirements to be met by 2019:

Pillar 1 requirement of: CET1 of 4.5% of RWAs; Tier 1 of 6%; and total capital of 8%;

CRD IV Combined buffers: capital conservation buffer of 2.5% of RWAs; countercyclical capital buffer of up to 2.5%; GSIB surcharge of 1.0% based on the most recent determination from the FSB; and

Minimum Tier 1 leverage ratio of 3%.

The PRA policy statement PS7/13 outlined changes to the minimum level of CET1 capital for large UK banks as follows:

The PRA required UK banks to meet the CRD IV end point Pillar 1 requirement from 1 January 2015;

All Pillar 2A risks must be met with at least 56% CET1 capital. This matches the proportion of CET1 capital required for Pillar 1. The remaining (44%) allocation of Pillar 2A is restricted to 19% Tier 1 and 25% Tier 2; and



All regulatory deductions from capital align CET1 with the end-point CRR definition, effectively making fully loaded Basel III the regulatory definition.

\*unaudited

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## Business review Capital and risk management

### Capital management\* continued

The PRA issued Policy Statement 17/15 in July 2015 setting out the Pillar 2 capital requirements for UK banks. The changes are intended to support a more risk sensitive and consistent approach to setting Pillar 2A (P2A) capital and to provide greater transparency of the PRA capital setting process by allowing firms to manage present and future regulatory capital demands. Implementation is from 1 January 2016 in line with the CRD IV capital conservation and systemic buffers and the European Banking Authority's Supervisory Review and Evaluation Process guidelines. The changes are as follows:

The variable element of P2A is now expressed as a percentage of RWAs plus fixed add-ons instead of the current method where P2A is a formula comprising both a variable and a fixed element;

The PRA buffer replaces the current Capital Planning Buffer (CPB). Use of the buffer will not be a breach in capital requirements and will not result in capital distribution restrictions however, failure to meet Pillar 2B (P2B) buffer may result in enhanced supervisory action;

The P2B buffer is now calculated as a percentage of RWAs rather than absolute terms and is to be met with CET1;

Firms already subject to a CPB are required to meet P2B with CET1 in full immediately;

Where the PRA considers that firms have weak risk management or governance, PRA may require firms to hold additional PRA buffer on a scalar ranging from 10-40% of a firm's CET1 Pillar 1 plus P2A capital requirements; and

Firms have the discretion to publicly disclose their aggregate P2A charge from 1 January 2016. Component parts of P2A and the PRA buffer remain confidential.

### Leverage

Leverage ratio requirements are also subject to the following key aspects (consistent with proposals outlined in PS27/15 - 'Implementing a UK leverage ratio framework'):

Minimum Tier 1 leverage ratio of 3%. To be met 75% by CET1 and a maximum 25% AT1;

A supplementary leverage buffer applying to GSIBs equal to 35% of the corresponding risk-weighted systemic risk buffer rates to be met with CET1; and

A countercyclical leverage ratio buffer equal to 35% of the risk-weighted countercyclical capital buffer rate to be met from CET1. The countercyclical buffer is currently set at 0%.

### Stress testing

In October 2015, the BoE published its approach to stress testing of the UK banking system out to 2018. The publication outlines the following key features of the BoE approach:

- A cyclical scenario to assess the risks to the banking system based on the financial cycle.

- The severity of the scenario to be counter-cyclical in nature.

Every second year, the BoE will complement the annual testing with an additional exploratory scenario to probe the resilience of the system to risks not easily linked to the financial cycle.

The BoE intends to include an integrated framework for decision-making around the setting of capital buffers, as well as a clear and transparent process for determining whether banks need to strengthen their capital positions.

A hurdle rate framework is to be enhanced, and will align to the overall capital framework. Within the hurdle rate, a bank will be expected to meet all of its minimum risk-based CET1 capital requirements (Pillar 1) in the scenario, as well as Pillar 2A CET1 requirements. Additionally, GSIB buffers will be included in the hurdle rate.

As a major UK bank, RBS will be included in the annual cyclical scenarios and may also be required to participate in the biennial exploratory scenario stress tests to the extent that the risks being probed are relevant to RBS.

#### *MREL and TLAC*

The banking resolution and recovery directive introduces requirements for banks to maintain at all times a sufficient aggregate amount of own funds and eligible liabilities (that may be bailed in using the bail-in tool), known as the minimum requirements for eligible liabilities (MREL). The aim is that the minimum amount should be proportionate and adapted for each category of bank on the basis of their risk or the composition of their sources of funding.

The EBA noted that the technical standards would be compatible with the proposed term sheet published by the FSB on TLAC requirements for GSIBs, but there remains a degree of uncertainty as to the extent to which MREL and TLAC requirements may differ.

Following the FSB finalising its TLAC proposals in November 2015, the PRA published its proposed requirements for MREL which will be the way in which the UK implements the TLAC standard. MREL will apply to GSIBs from 2019 and to other relevant UK firms from 2020. The purpose of MREL is to ensure that, in the event of failure, a bank has sufficient loss-absorbing and recapitalisation capacity to allow for an orderly resolution that minimises any adverse impact on financial stability whilst preventing public funds being exposed to loss. The requirements will be firm-specific but the PRA's consultation paper proposes that MREL will be required:

- At a consolidated and individual bank level, including for the holding entity of a banking group.

At an amount at least equal to two times the current minimum Pillar 1 and Pillar 2A capital requirements, or, if higher, any applicable leverage ratio requirement, or the minimum capital requirements under Basel plus any applicable CRD IV capital buffers: once for loss absorbency, once for recapitalisation

The US Federal Reserve has proposed rules which will require US bank holding companies and intermediate holding companies of foreign banks to hold specified amounts of both long term debt and TLAC from January 2019. RBS is considering the impact of these rules.

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## **Business review Capital and risk management**

### **Capital management\*** continued

#### *Systemically Important Banks*

As at November 2015, RBS was moved down to the lowest bucket for required loss absorbency in the FSB's updated list of GSIBs.

Regulatory proposals relating to Domestically Systemically Important Banks (DSIBs) and Other Systemically Important Institutions (OSII) continue to be progressed and could impact the level of CET1 that is required to be held by RBS and specific legal entities including NatWest and the Royal Bank. The EBA published in December 2014 a quantitative methodology as to how European regulators could quantify which firms would qualify as DSIBs. The PRA published CP39/15 on this in October 2015, and published its list of the sixteen firms designated as OSII; RBS is included within this list.

#### *Systemic risk buffer (SRB)*

In January 2015, HM Treasury issued an explanatory memorandum on the SRB for banks, building societies and investment firms. The regulation implements Articles 133 and 134 of Directive 2013/36/EU and addresses the outstanding capital buffer element of the ring-fencing policy recommended by the Independent Commission on Banking (ICB) and agreed by the UK Government.

The purpose of the SRB is to prevent and mitigate long term non-cyclical systemic or macro prudential risks not covered by existing regulation where there is potential for serious negative consequences for the financial system and real economy

The SRB will apply to large banks with core (ring fenced entity) deposits of more than £25 billion and large building societies with deposits of more than £25 billion. Implementation will occur from 1 January 2019 and capital buffers will range from 0-3% of a firm's RWAs.

On 29 January 2016, the FPC proposed that those banks and building societies with total assets above £175 billion will be set progressively higher SRB rates as total assets increase through defined buckets. HM Government required the FPC to produce a framework for the SRB at rates between 0% and 3% of RWAs. Under the FPC's proposals, ring-fenced bank sub-groups and large building societies in scope with total assets below £175 billion will be subject to a 0% SRB. Based on current information, under these proposals the FPC expects the largest ring-fenced bank in 2019 to have a 2.5% SRB. In line with the FPC's previous announcement on the leverage ratio framework, those institutions subject to the SRB will also be set a 3% minimum leverage ratio requirement, together with an additional leverage ratio buffer calculated at 35% of the applicable SRB rate. For example, an institution with an SRB rate of 1%

would have an additional leverage ratio buffer of 0.35%. The proposed calibration is expected to add around an aggregate 0.5 percentage points of risk-weighted assets to equity requirements of the system in aggregate.

The PRA will be responsible for applying the framework and will have ultimate discretion over which firms must hold the buffer and its specific size.

### *Ring-fencing*

The UK Financial Services (Banking Reform) Act passed into UK law in December 2013 implementing recommendations of the ICB. The PRA is in the process of finalising its rules with respect to ring-fencing.

The PRA is consulting on the need for firms to hold capital resources equivalent to at least 25% of annual fixed overheads in respect of critical services to facilitate operational continuity in resolution.

### *Basel proposals*

The more relevant proposals issued by the BCBS are as follows:

Capital floors (BCBS 306);

Revised Pillar 3 disclosure (BCBS 309);

Total loss absorption capacity (BCBS 342);

Standardised approach for credit risk (BCBS 347); and

Minimum capital for market risk (BCBS 352).

RBS is continuing its assessments of these proposals.

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**Business review Capital and risk management****Capital management\*** continued

## Measurement

## Capital and leverage: key ratios

Capital, RWAs and risk asset ratios, on the basis of end-point CRR and transitional rules, calculated in accordance with PRA definitions, are set out below.

	2015		2014 (1)	
	End-point CRR basis (2) £bn	PRA transitional basis £bn	End-point CRR basis (2) £bn	PRA transitional basis £bn
Capital				
CET1	37.6	37.6	39.9	39.6
Tier 1	39.6	46.3	39.9	47.1
Total	47.6	60.0	48.6	60.7
RWAs				
Credit risk				
- non-counterparty	166.4	166.4	264.7	264.7
- counterparty	23.4	23.4	30.4	30.4
Market risk	21.2	21.2	24.0	24.0
Operational risk	31.6	31.6	36.8	36.8
	242.6	242.6	355.9	355.9
Risk asset ratios	%	%	%	%
CET1	15.5	15.5	11.2	11.1
Tier 1	16.3	19.1	11.2	13.2
Total	19.6	24.7	13.7	17.1
Leverage ratio (3)	2015		2014	
Tier 1 capital	£39.6bn	£46.3bn	£39.9bn	£47.1bn
Leverage exposure	£702.5bn	£702.5bn	£939.5bn	£939.5bn
Leverage ratio	5.6%	6.6%	4.2%	5.0%

## Notes:

Capital and leverage ratios have not been restated following the pension accounting policy change. Components (1) within CET1 capital have however been represented to reflect revisions to accounting tangible equity, with corresponding adjustments to other deductions above.

Capital Requirements Regulation (CRR) as implemented by the Prudential Regulation Authority in the UK, with effect from 1 January 2014. All regulatory adjustments and deductions to CET1 have been applied in full for with the exception of unrealised gains on available-for-sale (AFS) securities which has been included from 2015 under the PRA transitional basis.

- (3) Based on end-point CRR Tier 1 capital and leverage exposure under the CRR Delegated Act.

General:

In accordance with the PRA's Policy Statement PS7/2013 issued in December 2013 on the implementation of CRD IV, all regulatory adjustments and deduction to CET1 have been applied in full (end-point CRR) with the exception of unrealised gains on AFS securities which will be included from 2015 (PRA transitional basis).

From 1 January 2015, RBS must meet at least 56% of its Pillar 2A capital requirement with CET1 capital and the balance with Additional Tier 1 and/or Tier 2 capital. The Pillar 2A capital requirement is the additional capital that RBS must hold, in addition to meeting its Pillar 1 requirements in order to comply with the PRA's overall financial adequacy rule.

Measures in relation to end-point CRR basis, including RWAs, are based on the current interpretation, expectations, and understanding, of the CRR requirements, as well as further regulatory clarity and implementation guidance from the UK and EU authorities (end-point CRR basis). The actual end-point CRR impact may differ when the final technical standards are interpreted and adopted.

Capital base:

- (1) Own funds are based on shareholders' equity.

- (2) 2014 includes the nominal value of B shares (£0.5 billion) on the assumption that RBS will be privatised in the future and that they will count as permanent equity in some form by the end of 2017.

- (3) The adjustment arising from the application of the prudent valuation requirements to all assets measured at fair value, has been included in full. The prudential valuation adjustment relating to assets under advanced internal ratings approach has been included in impairment provisions in the determination of the deduction from expected losses.

- (4) Where the deductions from AT1 capital exceed AT1 capital, the excess is deducted from CET1 capital. The excess of AT1 deductions over AT1 capital in year one of transition is due to the application of the current rules to the transitional amounts.

- (5) Insignificant investments in equities of other financial entities (net): long cash equity positions are considered to have matched maturity with synthetic short positions if the long position is held for hedging purposes and sufficient liquidity exists in the relevant market. All the trades are managed and monitored together within the equities business.

- (6) Based on our current interpretations of the Commission Delegated Regulation issued in December 2013 on credit risk adjustments, RBS's standardised latent provision has been reclassified to specific provision and is not included in Tier 2 capital.



Risk-weighted assets (RWAs):

- (1) Current securitisation positions are shown as risk-weighted at 1,250%.
- (2) RWA uplifts include the impact of credit valuation adjustments and asset valuation correlation on banks and central counterparties.
- (3) RWAs reflect implementation of the full internal model method suite, and include methodology changes that took effect immediately on CRR implementation.
- (4) Non-financial counterparties and sovereigns that meet the eligibility criteria under CRR are exempt from the credit valuation adjustments volatility charges.
- (5) The CRR final text includes a reduction in the risk-weight relating to small and medium-sized enterprises.

\*unaudited

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**Business review Capital and risk management****Capital management\*** continued

## Capital and leverage: Capital resources

	2015		2014	
	End-point CRR basis £m	PRA transitional basis £m	End-point CRR basis £m	PRA transitional basis £m
Shareholders' equity (excluding non-controlling interests)				
Shareholders' equity	53,431	53,431	55,763	55,763
Preference shares - equity	(3,305)	(3,305)	(4,313)	(4,313)
Other equity instruments	(2,646)	(2,646)	(784)	(784)
	47,480	47,480	50,666	50,666
Regulatory adjustments and deductions				
Own credit	(104)	(104)	500	500
Defined benefit pension fund adjustment	(161)	(161)	(238)	(238)
Cash flow hedging reserve	(458)	(458)	(1,029)	(1,029)
Deferred tax assets	(1,110)	(1,110)	(1,222)	(1,222)
Prudential valuation adjustments	(381)	(381)	(384)	(384)
Goodwill and other intangible assets	(6,537)	(6,537)	(7,781)	(7,781)
Expected losses less impairments	(1,035)	(1,035)	(1,491)	(1,491)
Other regulatory adjustments	(86)	(64)	898	628
	(9,872)	(9,850)	(10,747)	(11,017)
CET1 capital	37,608	37,630	39,919	39,649
Additional Tier 1 (AT1) capital				
Eligible AT1	1,997	1,997	—	—
Qualifying instruments and related share premium subject to phase out	—	5,092	—	5,820
Qualifying instruments issued by subsidiaries and held by third parties	—	1,627	—	1,648
AT1 capital	1,997	8,716	—	7,468
Tier 1 capital	39,605	46,346	39,919	47,117
Qualifying Tier 2 capital				
Qualifying instruments and related share premium	5,745	6,265	5,542	6,136
Qualifying instruments issued by subsidiaries and held by third parties	2,257	7,354	3,175	7,490
Tier 2 capital	8,002	13,619	8,717	13,626
Total regulatory capital	47,607	59,965	48,636	60,743

Note:

Capital Requirements Regulation (CRR) as implemented by the Prudential Regulation Authority in the UK, with effect from 1 January 2014. All regulatory adjustments and deductions to CET1 have been applied in full for the end-point CRR basis with the exception of unrealised gains on available-for-sale (AFS) securities which has been included from 2015 for the PRA transitional basis.

The table below analyses the movement in end-point CRR CET1, AT1 and Tier 2 capital for the year.

	CET1	AT1	Tier 2	Total
	£m	£m	£m	£m
At 1 January 2015	39,919	—	8,717	48,636
Loss for the year net of movements in fair value of own credit	(2,583)	—	—	(2,583)
Share capital and reserve movements in respect of employee share schemes	206	—	—	206
Ordinary shares issued	300	—	—	300
Foreign exchange reserve (1)	(1,809)	—	—	(1,809)
AFS reserves	8	—	—	8
Decrease in goodwill and intangibles deduction	1,244	—	—	1,244
Deferred tax assets	112	—	—	112
Prudential valuation adjustments	3	—	—	3
Excess of expected loss over impairment provisions	456	—	—	456
New issue of capital instruments	—	2,007	—	2,007
Dated subordinated debt issues/(maturities)	—	—	(82)	(82)
Net dated subordinated debt/grandfathered instruments	—	—	(713)	(713)
Foreign exchange movements	—	—	90	90
Other movements	(248)	(10)	(10)	(268)
At 31 December 2015	37,608	1,997	8,002	47,607

Note:

(1) This reflects the recycling of the reserve to profit and loss account following the deconsolidation of Citizens.

\*unaudited

**Business review Capital and risk management****Capital management\*** continued**Capital and leverage: Leverage ratio and related disclosures**

## Leverage exposure

The leverage exposure is based on the CRR Delegated Act.

	End-point CRR basis	
	2015	2014
Leverage	£bn	£bn
Derivatives	262.5	354.0
Loans and advances	327.0	419.6
Reverse repos	39.9	64.7
Other assets	186.0	212.7
<b>Total assets</b>	<b>815.4</b>	<b>1051.0</b>
Derivatives		
- netting	(258.6)	(330.9)
- potential future exposures	75.6	98.8
Securities financing transactions gross up	5.1	25.0
Undrawn commitments	63.5	96.4
Regulatory deductions and other adjustments	1.5	(0.8)
<b>Leverage exposure</b>	<b>702.5</b>	<b>939.5</b>

Additional analysis of derivative notionals and undrawn commitments, two of the major components contributing to the leverage exposure are set out below.

## Leverage ratio and related disclosures: Derivative notionals

The table below analyses the derivative notionals by maturity for contracts other than credit derivatives, and credit derivatives by qualifying and non-qualifying.

2015			2014		
Derivatives other than credit derivatives (1)			Derivatives other than credit derivatives (1)		
Credit derivatives (2)			Credit derivatives (2)		
Non-qualifying			Non-qualifying		
<1 year	Qualifying	Total	<1 year	Qualifying	Total

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	1-5 years				>5 years						
	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn
Interest rate	8,701	7,328	3,754			19,783	11,069	10,423	5,839		27,331
Exchange rate	2,838	573	291			3,702	3,649	720	306		4,675
Equity	8	8	1			17	42	33	2		77
Commodities	1	—	—			1	1	—	—		1
Credit				56	11	67				99	26
Total	11,548	7,909	4,046	56	11	23,570	14,761	11,176	6,147	99	26

Notes:

Derivative potential future exposures (PFE) are calculated based on the notional value of the contracts and is (1) dependent on the type of contract. For contracts other than credit derivatives the PFE is based on the type and maturity of the contract after the effect of netting arrangements.

The PFE on credit derivatives is based on add-on factors determined by the asset quality of the referenced instrument. Qualifying credit derivatives attract a PFE add-on of 5% and have reference securities issued by public sector entities, multilateral development banks or other investment grade issuers. Non-qualifying credit derivatives attract a PFE add-on of 10%.

*Leverage ratio and related disclosures: Weighted undrawn commitments*

The below table provides a breakdown of weighted undrawn commitments.

	2015	2014
	£bn	£bn
Unconditionally cancellable credit cards	2.4	2.2
Other Unconditionally cancellable items	7.2	4.6
Unconditionally cancellable items (1)	9.6	6.8
Undrawn commitments <1 year which may not be cancelled	0.6	2.3
Other off-balance sheet items with 20% CCF	1.4	2.1
Items with a 20% CCF	2.0	4.4
Revolving credit risk facilities	25.3	38.1
Term loans	4.3	2.8
Mortgages	5.9	4.9
Other undrawn commitments > 1 year which may not be cancelled & off-balance sheet items with 50% CCF	5.3	10.1
Items with a 50% CCF	40.8	55.9
Items with a 100% CCF	11.1	17.8
Citizens	n/a	11.5
Total	63.5	96.4

Note:

(1) Based on a 10% credit conversion factor (CCF).

\*unaudited

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**Business review Capital and risk management****Capital management\*** continued

## Loss absorbing capital

RBS's capital components and estimated loss absorbing capital (LAC) at 31 December 2015 based on current regulatory interpretations are set out below. Under current TLAC guidance, RBS will be required to hold a minimum LAC of 16% of RWAs by the beginning of 2019 and 18% of RWAs by the beginning of 2020. For additional details regarding regulatory developments in relation to MREL/TLAC requirements, refer to Capital management on page 161. The roll-off profile and average spread relating to senior debt is set out on page 167.

The following table illustrates the components of estimated LAC in the holding company and operating companies.

	Par value (1) £bn	Balance sheet value £bn	Regulatory value (2) £bn	LAC value (3) £bn
2015				
CET1 capital (4)	37.6	37.6	37.6	37.6
Tier 1 capital: end point CRR compliant AT1				
of which: RBSG plc (holdco)	2.0	2.0	2.0	2.0
of which: RBSG operating subsidiaries (opcos)	—	—	—	—
	2.0	2.0	2.0	2.0
Tier 1 capital: non-end point CRR compliant				
of which: holdco	6.0	6.0	5.9	4.6
of which: opcos	2.5	2.5	2.5	0.3
	8.5	8.5	8.4	4.9
Tier 2 capital: end point CRR compliant				
of which: holdco	5.8	5.9	5.7	4.4
of which: opcos	5.1	5.5	3.8	5.5
	10.9	11.4	9.5	9.9
Tier 2 capital: non-end point CRR compliant				
of which: holdco	0.3	0.3	0.2	0.1
of which: opcos	3.3	3.6	3.0	2.9
	3.6	3.9	3.2	3.0
Senior unsecured debt securities issued by:				
RBSG holdco	4.9	5.0	—	2.9
RBSG opcos	17.7	18.1	—	—
	22.6	23.1	—	2.9
Total	85.2	86.5	60.7	60.3
RWAs				242.6
Leverage exposure				702.5

LAC as a ratio of RWAs	24.9%
LAC as a ratio of leverage exposure	8.6%

Notes:

(1) Par value reflects the nominal value of securities issued.

(2) Regulatory capital instruments issued from operating companies are included in the transitional LAC calculation, to the extent they meet the TLAC/MREL criteria.

(3) 'LAC value' reflects RBS's interpretation of the 9 November 2015 FSB Term Sheet on TLAC and the Bank of England's consultation on their approach to setting MREL, published on 11 December 2015. MREL policy and requirements remain subject to further consultation, as such RBS estimated position remains subject to potential change. Liabilities excluded from LAC include instruments with less than one year remaining to maturity, structured debt, operating company senior debt, and other instruments that do not meet the TLAC/MREL criteria.

(4) Corresponding shareholders' equity was £53.4 billion. Refer to capital resources table on page 164 for further details.

(5) Regulatory amounts reported for Additional Tier 1, Tier 1 and Tier 2 instruments are before grandfathering restrictions imposed by CRR.

\*unaudited



**Business review Capital and risk management****Capital management\*** continued

## Senior debt roll-off profile

Based on current guidance, RBS anticipates issuing senior bonds from its holding company to ensure LAC classification under MREL/TLAC proposals. The following table illustrates the roll-off profile and weighted average spreads of RBS's major wholesale funding programmes.

RBSG plc	As at and for	Roll-off profile						2019 & 2020	2021 & later
	year ended	31 December 2015	H1 2016	H2 2016	2017	2018			
- amount (£m)	4,436	85	1,303	1,079	73	1,888	8		
- weighted average rate spread (bps)	162	77	110	139	172	211	266		
<b>RBS plc</b>									
- amount (£m)	23,360	5,856	2,051	2,403	2,341	5,935	4,774		
- weighted average rate spread (bps)	182	202	171	167	141	212	156		
<b>RBS N.V.</b>									
- amount (£m)	296	187	55	10	20	7	17		
- weighted average rate spread (bps)	151	127	255	40	126	5	136		
<b>Securitisation</b>									
- amount (£m)	2,442	4	—	—	—	—	2,438		
- weighted average rate spread (bps)	83	83	—	—	—	—	83		
<b>Total notes issued (£m)</b>	<b>30,534</b>	<b>6,132</b>	<b>3,409</b>	<b>3,492</b>	<b>2,434</b>	<b>7,830</b>	<b>7,237</b>		
<b>Weighted average spread</b>	<b>171</b>	<b>198</b>	<b>151</b>	<b>158</b>	<b>142</b>	<b>212</b>	<b>132</b>		

## Notes:

(1) The weighted average spread reflects the average net funding cost to RBS. This is calculated as the difference between the issuing coupon and the equivalent hedging rate.

(2) The balance sheet value relates to debt securities in issue of £31.2 billion excluding £0.6 billion exchangeable bond relating to Williams & Glyn.

## Risk-weighted assets

The table below analyses the movement in credit risk RWAs on the end-point CRR basis during the year, by key drivers.

	Credit risk		
	Non-counterparty £bn	Counterparty £bn	Total £bn
At 1 January 2015	264.7	30.4	295.1
Foreign exchange movement	(0.3)	0.2	(0.1)
Business movements	(90.3)	(7.1)	(97.4)
Risk parameter changes (1)	(7.0)	0.2	(6.8)
Methodology changes (2)	(0.3)	(0.2)	(0.5)
Model updates (3)	(0.4)	(0.1)	(0.5)
At 31 December 2015	166.4	23.4	189.8
Modelled (3)	128.4	20.4	148.8
Non-modelled	38.0	3.0	41.0
	166.4	23.4	189.8

For the notes to this table refer to the following page.

\*unaudited

**Business review Capital and risk management****Capital management\*** continued

The table below analyses the movement in market and operational risk RWAs on the end-point CRR basis during the year.

	Market risk			Operational risk £bn	Total £bn
	CIB £bn	Other £bn	Total £bn		
At 1 January 2015	15.4	8.6	24.0	36.8	60.8
Business and market movements	(1.6)	(1.2)	(2.8)	(5.2)	(8.0)
At 31 December 2015	13.8	7.4	21.2	31.6	52.8
Modelled (1)	11.8	4.7	16.5	—	16.5
Non-modelled	2.0	2.7	4.7	31.6	36.3
	13.8	7.4	21.2	31.6	52.8

Note:

Modelled refers to advanced internal ratings basis for non-counterparty credit risk, internal model method for (1) counterparty credit risk, and value-at-risk and related models for market risk. These principally relate to Commercial Banking (£58 billion).

**Key points**

RWAs have decreased by £113 billion in the year to £243 billion principally due to the disposal of Citizens and balance sheet and risk reduction strategy in Capital Resolution.

- The foreign exchange movement primarily impacts Ulster Bank RoI, as sterling strengthened against the euro.
- Business movements include a decrease of £5 billion relating to the annual recalculation of operational risk.

	Ulster					Capital		Central		Total £bn
	UK £bn	PBB £bn	RoI £bn	Commercial Banking £bn	Private Banking £bn	RBS £bn	ICIB £bn	Resolution £bn	W&G & other £bn	
Total RWAs	36.6	21.8	63.2	8.7	7.5	41.9	95.1	10.1	71.0	355.9
Foreign exchange movement	—	(1.0)	0.2	—	0.1	(0.2)	—	—	0.8	(0.1)
Business movements	—	(0.7)	9.7	—	0.7	(10.0)	(43.7)	0.1	(61.5)	(105.4)
Risk parameter changes (1)	(2.3)	(0.7)	(0.7)	—	—	0.1	(2.5)	(0.3)	(0.4)	(6.8)
Methodology changes (2)	—	—	(0.2)	—	—	—	—	(0.1)	(0.2)	(0.5)
Model updates (3)	(1.0)	—	0.1	—	—	1.3	0.1	0.1	(1.1)	(0.5)
At 31 December 2015	33.3	19.4	72.3	8.7	8.3	33.1	49.0	9.9	8.6	242.6

Credit risk

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- non-counterparty	25.4	18.1	65.3	7.6	7.6	5.0	27.3	8.5	1.6	166.4
- counterparty	—	0.1	—	—	—	11.3	12.0	—	—	23.4
Market risk	—	—	—	—	—	13.8	5.7	—	1.7	21.2
Operational risk	7.9	1.2	7.0	1.1	0.7	3.0	4.0	1.4	5.3	31.6
Total RWAs	33.3	19.4	72.3	8.7	8.3	33.1	49.0	9.9	8.6	242.6

Notes:

(1) Risk parameter changes relate to changes in credit quality metrics of customers and counterparties such as probability of default (PD) and loss given default (LGD). They comprise:

- UK PBB and Ulster Bank RoI: primarily reflects recalibration of PD and LGD models reflecting improvements in the UK and Irish economies.

- Capital Resolution: decrease in defaulted assets (£2.5 billion).

(2) Methodology changes included:

- Commercial Banking: revisions to CCF applied to uncommitted credit card limits and change in methodology for applying SME discount.

(3) Credit risk models were updated during the year including:

- UK PBB: non standard LGD model for mortgages and business banking EAD model.

- CIB: large corporate PD model.

\*unaudited

## Key points

Commercial Banking RWAs increased £9.1 billion, of which £8.4 billion related to the transfer of UK and Western European loan portfolios from CIB which have a high proportion of undrawn commitments.

Capital Resolution successfully implemented its risk reduction strategy by reducing RWAs by £46.1 billion overall, £32.6 billion in CIB and £13.5 billion in RCR:

CIB portfolio: accelerated disposal and run-off of capital-intensive regional portfolios totalling £15.0 billion; in the US £6.8 billion, including £4.2 billion relating to the sale of North American loan portfolios; EMEA £4.7 billion; and APAC £3.5 billion. Significant progress was also seen in the Markets portfolios through sales, novations, risk transfers, unwinds and close outs, leading to a £11.4 billion reduction. The GTS business RWAs also fell by £6.2 billion following strategic reductions in trade finance lending across all regions.

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RCR: implemented its disposal and run down strategy a year ahead of plan and reduced RWAs across all business lines - Corporate £4.8 billion, Markets £4.3 billion. Real Estate Finance £3.5 billion and Ulster Bank £0.9 billion. RCR disposals comprised significant proportion of impaired assets and contributed to a £17.8 billion reduction in RWA equivalent, with Ulster Bank portfolio having a residual RWaE of £0.5 billion

Central items included £68.4 billion RWAs relating to Citizens at 1 January 2015. Operational risk RWAs primarily relates to Citizens: exclusion is pending PRA approval.

## **Business review Capital and risk management**

### **Liquidity and funding risk**

#### **Definition**

Liquidity risk is the risk that RBS is unable to meet its financial obligations, including financing wholesale maturities or customer deposit withdrawals, as and when they fall due.

All the quantitative disclosures in this section are audited except for those in Liquidity metrics and Behavioural maturity, and collateral (on and off-balance sheet). Certain disclosures exclude Citizens for 2014 to allow like-for-like comparison with 2015.

#### Sources of funding and liquidity

The risk arises through the maturity transformation role that banks perform. It is dependent on RBS specific factors such as maturity profile, composition of sources and uses of funding, the quality and size of the liquidity portfolio as well as broader market factors, such as wholesale market conditions alongside depositor and investor behaviour.

RBS's primary funding source is its customer deposit base, primarily built through its retail and commercial franchises in the UK and Ireland. These deposits form a stable base which fully funds RBS's customer lending activities.

Complementary to its deposit funding, RBS maintains access to various wholesale markets for funding, on both a public and private basis, across a range of currencies, geographies and maturities. These include long-term secured and unsecured debt, short-term money markets and repurchase agreements. RBS has set policies for the prudent use of wholesale funding, as part of its wider liquidity policies.

RBS accesses the wholesale funding markets directly or through its main operating subsidiaries via established funding programmes. The use of different entities to access the market from time to time allows RBS to further diversify its funding mix and in certain limited circumstances demonstrate to regulators that specific operating subsidiaries enjoy market access in their own right.

RBS may access various funding facilities offered by central banks from time to time. The use of such facilities can be both part of a wider strategic objective to support initiatives to help stimulate economic growth or as part of the broader liquidity management and funding strategy. Overall usage and repayment of available central bank facilities will fit within the overall liquidity risk appetite and concentration limits.

## Overview and key developments

The liquidity position strengthened with the liquidity portfolio of £156 billion at 31 December 2015 covering short-term wholesale funding (STWF), excluding derivative collateral, by more than nine times. STWF, including derivative collateral, decreased by £16 billion to £38 billion mainly due to the maturity of term debt issued during the financial crisis.

The liquidity portfolio increased by £5 billion in the year, primarily reflecting the strategic run-down of Capital Resolution loans faster than the associated liabilities and proceeds from the Citizens share sales; this was offset to some extent by UK PBB loan growth. The portfolio includes £61 billion of secondary liquidity consisting of assets eligible for discounting at central banks. The costs associated with maintaining the secondary liquidity portfolio are minimal being largely administrative and operational costs.

The liquidity coverage ratio (LCR) was 136% at 31 December 2015, with the improvement from 112% at year end 2014 primarily reflecting the strategic run-down of Capital Resolution assets at a faster rate than their associated liabilities. The ratio is strengthened by the placing of surplus Capital Resolution liabilities in short-term liquid assets.

The net stable funding ratio (NSFR), based on RBS's interpretation of the Basel framework, had increased to 121% at 31 December 2015 from 112% at 31 December 2014. The increase in the metric is also partly due to the reduced need for stable funding as a result of Capital Resolution rundown.

Liquidity risk appetite is measured by reference to the liquidity portfolio as a proportion of net stressed outflows and the ratio was 227% at 31 December 2015 (186% at 31 December 2014) under the worst case stress scenario. The improvement in 2015 was primarily due to a reduction in net stressed outflows from the disposal of Citizens, and the increase in liquidity portfolio.

Based on its assessment of the PRA proposals, RBS may issue between £3 - £5 billion per annum during 2016 - 2019 to meet MREL requirements.

The customer loan:deposit ratio reduced to 89% compared with 95% at the end of 2014. This reflects the strategic run-down of Capital Resolution loans and higher retail and commercial deposits, this was partly offset by loan growth within UK PBB.

## Policy, framework and governance

Internal liquidity policies are designed to ensure that RBS:

*Has a clearly stated liquidity risk tolerance:* appetite for liquidity risk is set by the Board as a percentage of the Individual Liquidity Adequacy Assessment (ILAA) stressed outflows, and RBS monitors its liquidity position against this risk tolerance on a daily basis. In setting risk limits the Board considers the nature of RBS's activities, overall risk appetite, market best practice and regulatory compliance.

*Has in place strategies, policies and practices to ensure that RBS maintains sufficient liquidity:* the risk management framework determines the sources of liquidity risk and the steps that can be taken when these risks exceed certain actively monitored limits. These actions include when and how to use the liquid asset portfolio, and what other adjustments to the balance sheet should be undertaken to manage these risks within the bank's risk appetite.

*Incorporates liquidity costs, benefits and risks in product pricing and performance management:* RBS uses internal funds transfer pricing to ensure that these costs are reflected in the measurement of business performance, and to correctly incentivise businesses to source the most appropriate mix of funding.

The Asset and Liability Management Committee (ALCo) sets and reviews the liquidity risk management framework and limits within the risk appetite set by the Board. ALCo, and by delegation the ALCo Technical Committee, oversees the implementation of liquidity management across RBS.



## **Business review Capital and risk management**

### **Liquidity and funding risk** continued

#### Regulatory oversight and liquidity framework\*

RBS operates across multiple jurisdictions and is subject to a number of regulatory regimes.

The principal regulator, the Prudential Regulation Authority (PRA), has a comprehensive set of liquidity regulations which were revised in 2015 to replace the existing BIPRU 12 regime with the CRD IV liquidity regime in the UK. To comply with the PRA regulatory framework, RBS undertakes the following:

- An annual exercise to complete the Individual Liquidity Adequacy Assessment Process (ILAAP); and

An annual Liquidity Supervisory Review and Evaluation Process (L-SREP) with the PRA, that involves a comprehensive review of the RBS ILAAP, liquidity policies and risk management framework. This results in the settings of the Individual Liquidity Guidance, which influences the size and overall composition of the liquidity portfolio.

On 1 October 2015 the LCR became the PRA's primary regulatory standard for liquidity, replacing the previous BIPRU 12 regime. LCR is being introduced on a phased basis and UK banks are initially required to maintain a minimum of 80% of LCR, rising to 100% by 1 January 2018.

The Basel Committee on Banking Supervision (BCBS) published its final recommendations for implementation of the NSFR in October 2014, proposing an implementation date of 1 January 2018, by which time banks are expected to meet an NSFR ratio of 100% from this point onwards. The EC has stated that it shall, if appropriate, submit a legislative proposal to the European Parliament by the end of 2016 for implementing the NSFR in the EU. In the meantime, RBS uses the definitions from the BCBS guidelines, and its own internal interpretations, to calculate the NSFR.

#### Measurement, monitoring and contingency planning

In implementing the liquidity risk management framework, a suite of tools are used to monitor, limit and stress test the risks within the balance sheet. The limits control the amount and composition of funding sources, asset and liability mismatches and funding concentrations, in addition to the level of liquidity risk.

Liquidity risks are reviewed at a significant legal entity level daily, and at a business level monthly, with performance reported to ALCos at least monthly. Any breach of internal metric limits will set in motion a series of actions and escalations that could lead to activation of the Contingency Funding Plan (CFP).

RBS maintains a CFP, which forms the basis of analysis and management actions to be undertaken in a liquidity stress. The CFP is linked to stress test results and forms the foundation for liquidity risk limits. The CFP sets out the circumstances under which the plan would be invoked; this includes material worsening of liquidity condition indicators which are reported to senior management daily. It also prescribes a communications plan, roles and responsibilities, as well as potential management actions to take in response to various levels of liquidity stress. On invocation of the CFP, the Contingency Liquidity Team would be convened to identify the likely impact of the stress event and determine the appropriate management response.

#### Stress testing\*

Under the liquidity risk management framework RBS maintains the ILAA, a component of which is an assessment of net stressed liquidity outflows. These liquidity stress tests apply scenario-based behavioural and contractual assumptions to cash inflows and outflows under the worst of three severe stress scenarios, as prescribed by the PRA. These are a market-wide stress, an idiosyncratic stress and a combination of both.

A stress event can occur when either firm-specific or market-wide factors lead to depositors and investors withdrawing or not renewing funding on maturity. This could be caused by many factors including fears over the viability of the firm. Additionally, liquidity stress can be brought on by customers choosing to draw down on loan agreements and facilities.

Simulated liquidity stress testing is performed at least monthly for each business as well as the major operating subsidiaries in order to evaluate the strength of RBS's liquidity position. The stressed outflows are measured over certain time periods which extend from two weeks to three months. RBS is expected to be able to withstand stressed outflows through its own resources (primarily through the use of the liquidity portfolio) without having to resort to extraordinary central bank or governmental support.

Stress tests are designed to examine the impact of a variety of firm-specific and market-wide scenarios on the future adequacy of the liquidity reserves. Stress test scenarios are designed to take into account RBS's experience during the financial crisis, recent market conditions and events. These scenarios can be run at any time in response to the emergence of firm-specific or market-wide risks that could have a material impact on RBS's liquidity position. In the past these have included credit rating changes and political and economic conditions changing in particular countries.

RBS's liquidity risk appetite is measured by reference to the liquidity portfolio as a percentage of net stressed ILAA outflows.

### Liquidity portfolio

Liquidity risks are mitigated by a centrally managed liquidity portfolio. The size of the portfolio is determined under the liquidity risk management framework with reference to RBS's liquidity risk appetite.

The majority of the portfolio is centrally managed by Treasury, ring-fenced from the CIB trading book, and is the ultimate responsibility of the RBS Treasurer. This portfolio is held in the PRA regulated UK Domestic Liquidity Subgroup (UK DoLSub) comprising RBS's five licensed deposit taking UK banks: The Royal Bank of Scotland plc, National Westminster Bank Plc, Ulster Bank Limited, Coutts & Co and Adam & Company.

Certain of RBS's significant operating subsidiaries - RBS N.V. and Ulster Bank Ireland Limited - hold locally managed portfolios that comply with local regulations that may differ from PRA rules. These portfolios are the responsibility of the local Treasurer who reports to the RBS Treasurer.

\*unaudited

**Business review Capital and risk management****Liquidity and funding risk** continued

The UK DoLSub liquidity portfolio accounted for 95% of the total liquidity portfolio, this portion is available to meet liquidity needs as they arise across RBS. The remaining liquidity reserves are held within non-UK bank subsidiaries, the majority of this portion (5%) is restricted by regulatory requirements and assumed to only be available for use locally.

Separately from the liquidity portfolio, RBS holds high quality assets to meet payment systems collateral requirements; these are managed by Treasury but are not freely available to other areas of RBS.

RBS categorises its liquidity portfolio, including its locally managed liquidity portfolios, into primary and secondary liquid assets.

Primary liquid assets such as cash and balances at central banks, treasury bills and other high quality government and US agency bonds.

Secondary liquid assets that are eligible as collateral for local central bank liquidity facilities, but do not meet the core local regulatory definition. These assets include own-issued securitisations or whole loans that are retained on balance sheet and pre-positioned with a central bank so that they may be converted into additional sources of liquidity at very short notice.

The composition of the liquidity portfolio is subject to internal policies and limits over quality of counterparty, maturity mix and currency mix. The liquidity value of the portfolio is determined with reference to current market prices and the haircuts necessary to generate cash from the asset.

**Liquidity risk**

## Key metrics\*

The table below sets out the key liquidity and related metrics monitored by RBS. All measures include Citizens for 2014.

	2015	2014
Liquidity portfolio	£156bn	£151bn
Stressed outflow coverage (1)	227%	186%
Liquidity coverage ratio (2)	136%	112%
Net stable funding ratio (3)	121%	112%
Loan:deposit ratio	89%	95%

## Notes:

RBS's liquidity risk appetite is measured by reference to the liquidity portfolio as a percentage of stressed contractual and behavioural outflows under the worst of three severe stress scenarios of a market-wide stress, an idiosyncratic stress and a combination of both in RBS' ILAA. This assessment is performed in accordance with PRA guidance.

On 1 October 2015 the LCR became the PRA's primary regulatory liquidity standard. It is a Pillar 1 metric to which the PRA apply Pillar 2 add-ons. UK banks are required to meet a minimum standard of 80% initially rising to 100% by 1 January 2018. The published LCR excludes Pillar 2 add-ons. RBS calculates the LCR using its own interpretations of the EU LCR Delegated Act, which may change over time and may not be fully comparable with those of other financial institutions.

BCBS issued its final recommendations for the implementation of the net stable funding ratio in October 2014, proposing an implementation date of 1 January 2018. Pending further guidelines from the EU and the PRA, RBS uses the definitions and proposals from the BCBS paper and internal interpretations, to calculate the NSFR. Consequently RBS's ratio may change over time and may not be comparable with those of other financial institutions.

## Liquidity portfolio

The table below shows the liquidity portfolio by product, liquidity value and by carrying value. Liquidity value is lower than carrying value as it is stated after discounts applied by the Bank of England and other central banks to instruments, within the secondary liquidity portfolio, eligible for discounting.

	Liquidity value 2015			Average		Total excl Citizens	2014		Average	
	UK	DoLSub (1)	Other Total	UK	Total		31 December Excl	Average Excl		
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Cash and balances at central banks	67,790	1,611	69,401	67,294	69,736	68,925	68,410	67,042	61,956	60,816
Central and local government bonds										
AAA rated governments	3,201	1,098	4,299	4,069	5,263	5,251	7,898	7,898	5,935	5,912
AA- to AA+ rated governments and US agencies	18,238	3,216	21,454	11,462	22,546	14,484	17,631	8,350	12,792	5,539
Below rated AA governments	—	—	—	—	46	46	100	100	—	22
Local government	—	—	—	—	12	12	82	82	21	21
	21,439	4,314	25,753	15,531	27,867	19,793	25,711	16,430	18,748	11,494
Primary liquidity	89,229	5,925	95,154	82,825	97,603	88,718	94,121	83,472	80,704	72,310

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Secondary liquidity (2)	59,201	1,369	60,570	54,131	57,654	55,227	56,534	54,244	56,017	53,243
Total liquidity value	148,430	7,294	155,724	136,956	155,257	143,945	150,655	137,716	136,721	125,553
Total carrying value	181,240	7,494	188,734				186,985			

\*unaudited

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**Business review Capital and risk management****Liquidity and funding risk** continued

The table below shows the liquidity value of the liquidity portfolio by currency.

Total liquidity portfolio	GBP £m	USD £m	EUR £m	Total £m
2015	110,289	20,861	24,574	155,724
2014 excluding Citizens	93,861	27,617	16,238	137,716
2014 Citizens	—	12,939	—	12,939
2014 total	93,861	40,556	16,238	150,655

Notes:

The PRA regulated UK Domestic Liquidity Subgroup (UK DoLSub) comprising RBS's five licensed deposit taking UK banks: The Royal Bank of Scotland plc, National Westminster Bank Plc, Ulster Bank Limited, Coutts & Co (1) and Adam & Company. In addition, certain of RBS's significant operating subsidiaries - RBS N.V. and Ulster Bank Ireland Limited - hold locally managed portfolios that comply with local regulations that may differ from PRA rules.

(2) Comprises assets eligible for discounting at the Bank of England and other central banks.

**Funding risk**

The composition of RBS's balance sheet is a function of the broad array of product offerings and diverse markets served by its core businesses. The structural composition of the balance sheet is augmented as needed through active management of both asset and liability portfolios. The objective of these activities is to optimise the liquidity profile, while ensuring adequate coverage of all cash requirements under extreme stress conditions.

RBS's asset and liability types broadly match. Customer deposits provide more funding than customer loans utilise; repurchase agreements are largely covered by reverse repurchase agreements; interbank lending and funding largely nets off and this gap has narrowed over the past 5 years; and derivative assets are largely netted against derivative liabilities.

RBS remains committed to supporting the objectives of the Funding for Lending scheme.

**Key funding metrics**

The table below summarises the key funding metrics.

	Short-term wholesale funding (1)		Total wholesale funding		Net inter-bank funding (2)		
	Excluding derivative collateral	Including derivative collateral	Excluding derivative collateral	Including derivative collateral	Deposits	Loans (3)	Net inter-bank funding
	£bn	£bn	£bn	£bn	£bn	£bn	£bn
2015	17.2	37.6	58.7	79.1	7.7	(7.3)	0.4
2014	27.8	53.3	90.5	116.0	15.4	(13.3)	2.1
2014 excluding Citizens	22.6	48.1	83.5	109.0	10.3	(11.6)	(1.3)

Notes:

(1) Short-term wholesale funding is funding with a residual maturity of less than one year.

(2) Excludes derivative cash collateral.

(3) Primarily short-term balances.



**Business review Capital and risk management****Liquidity and funding risk continued**

## Funding sources

The table below shows the principal funding sources excluding repurchase agreements (repos).

By product	2015			2014		
	Short-term less than 1 year £m	Long-term more than 1 year £m	Total £m	Short-term less than 1 year £m	Long-term more than 1 year £m	Total £m
Deposits by banks						
derivative cash collateral	20,367	—	20,367	25,503	—	25,503
other deposits (1)	7,336	359	7,695	8,673	1,630	10,303
	27,703	359	28,062	34,176	1,630	35,806
Debt securities in issue						
commercial paper	—	—	—	625	—	625
certificates of deposit	742	202	944	1,030	149	1,179
medium-term notes	6,639	15,540	22,179	7,741	28,047	35,788
covered bonds	2,171	3,414	5,585	1,284	5,830	7,114
securitisations	4	2,438	2,442	10	5,564	5,574
	9,556	21,594	31,150	10,690	39,590	50,280
Subordinated liabilities	323	19,524	19,847	3,272	19,633	22,905
Notes issued	9,879	41,118	50,997	13,962	59,223	73,185
Wholesale funding	37,582	41,477	79,059	48,138	60,853	108,991
Customer deposits						
derivative cash collateral (2)	10,373	—	10,373	13,003	—	13,003
financial institution deposits	45,134	1,226	46,360	46,359	1,422	47,781
personal deposits	154,066	3,212	157,278	152,505	3,701	156,206
corporate deposits	130,514	1,466	131,980	134,928	2,403	137,331
Total customer deposits	340,087	5,904	345,991	346,795	7,526	354,321
Total funding excluding repos and Citizens	377,669	47,381	425,050	394,933	68,379	463,312
Citizens	n/a	n/a	n/a	63,261	4,268	67,529
Total	377,669	47,381	425,050	458,194	72,647	530,841

## Notes:

(1) Includes £0.7 billion relating to RBS's participation in central bank financing operations under the European Central Bank's Targeted Long Term Refinancing Operations

(2) Cash collateral includes £9,504 million (2014 - £12,036 million) from financial institutions.

The table below analyses repos by counterparty type.

	2015	2014
	£m	£m

Financial institutions		
- central and other banks	10,266	24,859
- other financial institutions	20,130	28,703
Other corporate	6,982	8,648
Total excluding Citizens	37,378	62,210
Citizens	n/a	2,372
Total	37,378	64,582

Reverse repos at 31 December 2015 were £39.9 billion (2014 - £64.7 billion). Fair value of securities received as collateral for reverse repos was £39.8 billion (2014 - £64.7 billion), of which £29.0 billion (2014 - £60.2 billion) had been rehypothecated for RBS's own transactions, in line with normal market practice.

**Business review Capital and risk management****Liquidity and funding risk** continued

The table below shows RBS's principal funding sources excluding repurchase agreements (repos) by currency.

By currency	2015					2014				
	GBP £m	USD £m	EUR £m	Other £m	Total £m	GBP £m	USD £m	EUR £m	Other £m	Total £m
Deposits by banks	5,301	3,570	17,651	1,540	28,062	6,501	5,741	20,715	2,849	35,806
Debt securities in issue										
commercial paper (CP)	—	—	—	—	—	—	73	525	27	625
certificates of deposit (CDs)	892	50	2	—	944	910	82	185	2	1,179
medium-term notes (MTNs)	2,695	5,744	11,754	1,986	22,179	4,592	10,332	16,672	4,192	35,788
covered bonds	1,079	—	4,506	—	5,585	1,090	—	6,024	—	7,114
securitisations	403	713	1,326	—	2,442	1,245	1,895	2,434	—	5,574
	5,069	6,507	17,588	1,986	31,150	7,837	12,382	25,840	4,221	50,280
Subordinated liabilities	1,028	12,848	4,963	1,008	19,847	1,718	13,134	6,372	1,681	22,905
Wholesale funding	11,398	22,925	40,202	4,534	79,059	16,056	31,257	52,927	8,751	108,991
% of wholesale funding	14%	29%	51%	6%	100%	15%	29%	48%	8%	100%
Customer deposits	282,152	20,912	35,680	7,247	345,991	276,039	28,518	39,526	10,238	354,321
Total funding excluding repos and Citizens	293,550	43,837	75,882	11,781	425,050	292,095	59,775	92,453	18,989	463,312
Citizens	—	—	—	—	—	—	67,529	—	—	67,529
Total	293,550	43,837	75,882	11,781	425,050	292,095	127,304	92,453	18,989	530,841
% of total funding	69%	10%	18%	3%	100%	55%	24%	17%	4%	100%

## Notes issued - residual maturity profile by note type

The table below shows RBS's debt securities in issue and subordinated liabilities by residual maturity.

2015	Debt securities in issue					Subordinated liabilities	Total notes in issue	Total notes in issue
	Other CP and CDs	MTNs	Covered bonds	Securitisations	Total			
	£m	£m	£m	£m	£m	£m	£m	%
Less than 1 year	742	6,639	2,171	4	9,556	323	9,879	20
1-3 years	202	5,567	758	—	6,527	2,801	9,328	18
3-5 years	—	6,203	1,627	—	7,830	317	8,147	16
More than 5 years	—	3,770	1,029	2,438	7,237	16,406	23,643	46
	944	22,179	5,585	2,442	31,150	19,847	50,997	100
2014								
Less than 1 year	1,655	7,741	1,284	10	10,690	3,272	13,962	19
1-3 years	144	11,474	2,229	—	13,847	906	14,753	20

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3-5 years	—	6,623	812	3	7,438	2,663	10,101	13
More than 5 years	5	9,950	2,789	5,561	18,305	16,064	34,369	46
Total excluding Citizens	1,804	35,788	7,114	5,574	50,280	22,905	73,185	98
Citizens	665	960	—	—	1,625	226	1,851	2
Total	2,469	36,748	7,114	5,574	51,905	23,131	75,036	100

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**Business review Capital and risk management****Liquidity and funding risk** continued

## Maturity analysis

The contractual maturity of balance sheet assets and liabilities reflects the maturity transformation role banks perform, lending long-term but obtaining funding predominantly through short-term liabilities such as customer deposits. In practice, the behavioural profiles of many liabilities exhibit greater stability and longer maturity than the contractual maturity. This is particularly true of many types of retail and corporate deposits which, despite being repayable on demand or at short notice, have demonstrated very stable characteristics even in periods of acute stress. In its analysis to assess and manage asset and liability maturity gaps RBS determines the expected customer behaviour through qualitative and quantitative techniques, incorporating observed customer behaviours over long periods of time. This analysis is subject to governance through ALCos down to a segment level.

Behavioural analysis\*  
Contractual maturity analysis and net behavioural funding surplus/(gap) are set out below.

	Behavioural maturity				Contractual maturity				Loans to customers				Customer accounts			
	Net surplus/(gap)		Greater than 5 years	Total	Net surplus/(gap)		Greater than 5 years	Total	Less than		Greater than 5 years	Total	Less than		Greater than 5 years	Total
	Less than 1 year	1-5 years			Less than 1 year	1-5 years			Less than 1 year	1-5 years			Less than 1 year	1-5 years		
2015	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn
UK PBB	8	1	9	18	123	(24)	(81)	18	12	27	81	120	135	3	—	138
UB RoI	3	(4)	(3)	(4)	11	(4)	(11)	(4)	1	5	11	17	12	1	—	13
CB	5	15	(22)	(2)	55	(37)	(20)	(2)	34	37	20	91	89	—	—	89
PB	1	3	8	12	18	(4)	(2)	12	5	4	2	11	23	—	—	23
RBSI	1	5	8	14	19	(3)	(2)	14	2	3	2	7	21	—	—	21
CIB	(3)	(7)	—	(10)	(9)	(1)	—	(10)	14	2	—	16	5	1	—	6
CR (1)	4	(1)	(1)	2	13	(6)	(5)	2	12	7	5	24	25	1	—	26
W&G	1	2	1	4	20	(7)	(9)	4	4	7	9	20	24	—	—	24
Central	4	—	—	4	4	—	—	4	2	—	—	2	6	—	—	6
	24	14	—	38	254	(86)	(130)	38	86	92	130	308	340	6	—	346

2014																
UK PBB	8	6	7	21	118	(22)	(75)	21	11	26	75	112	129	4	—	133
UB RoI	5	(5)	(4)	(4)	12	(4)	(12)	(4)	1	5	12	18	13	1	—	14
CB	6	12	(18)	—	50	(30)	(20)	—	35	30	20	85	85	—	—	85
PB	1	3	7	11	15	(3)	(1)	11	6	4	1	11	21	1	—	22
RBSI	3	10	1	14	19	(2)	(3)	14	2	2	3	7	21	—	—	21
CIB	(1)	(12)	(2)	(15)	(12)	(2)	(1)	(15)	24	2	1	27	12	—	—	12
CR (1)	(12)	(1)	(3)	(16)	17	(25)	(8)	(16)	19	26	8	53	36	1	—	37
W&G	1	1	1	3	18	(6)	(9)	3	4	6	9	19	22	—	—	22
Central	4	1	—	5	5	—	—	5	3	—	—	3	8	—	—	8
	15	15	(11)	19	242	(94)	(129)	19	105	101	129	335	347	7	—	354
Citizens	7	(13)	7	1	48	(29)	(18)	1	10	31	19	60	58	2	1	61
Total	22	2	(4)	20	290	(123)	(147)	20	115	132	148	395	405	9	1	415

Note:

#### (1)Capital Resolution

#### Key points

The net funding surplus has increased by £18 billion during 2015, largely reflecting Capital Resolution (£18 billion) and CIB (£5 billion) rundown of loans faster than associated liabilities when compared with the prior year end. This was partly offset slightly by lending growth in UK PBB during the year.

Customer deposits and customer loans compare broadly from a behavioural perspective. The net surplus position increase has largely been seen within the 1 to 5 year bucket, in addition to the funding gap having closed in the greater than 5 year bucket during 2015. Reasons for these movements include longer-dated behaviours in RBSI during 2015 and quicker than previously anticipated rundown of Capital Resolution and CIB, offset slightly by an increased funding gap within CB in the longest dated bucket.

\*unaudited

**Business review Capital and risk management****Liquidity and funding risk continued**

## Contractual maturity

The following table shows the residual maturity of financial instruments, based on contractual date of maturity. Held-for-trading (HFT) assets and liabilities have been excluded from the maturity analysis in view of their short-term nature and are shown in total in the table below. Hedging derivatives are included within the relevant maturity bands.

2015	Other than held-for-trading (HFT)								Total excluding HFT	HFT	Total
	Less than 1 month	1-3 months	3-6 months	6 months -1 year	Subtotal	1-3 years	3-5 years	More than 5 years			
Cash and balances at central banks	79,939	—	—	—	79,939	—	—	—	79,939	—	79,939
Bank reverse repos	535	748	—	—	1,283	—	—	—	1,283	11,069	12,352
Customer reverse repos	26	—	—	—	26	—	—	—	26	27,532	27,558
Loans to banks	7,425	217	17	27	7,686	—	21	1	7,708	11,295	19,003
Loans to customers	34,439	8,039	8,501	17,243	68,222	50,822	41,151	130,219	290,414	17,559	307,973
Personal	5,875	2,575	3,277	5,805	17,532	19,113	15,640	99,778	152,063	35	152,098
Corporate	23,976	4,932	4,072	7,699	40,679	26,460	24,046	28,126	119,311	4,644	123,955
Financial institutions	4,588	532	1,152	3,739	10,011	5,249	1,465	2,315	19,040	12,880	31,920
Debt securities	3,246	2,766	5,662	2,866	14,540	7,199	6,932	17,988	46,659	35,857	82,516
Equity shares	—	—	—	—	—	—	—	725	725	660	1,385
Settlement balances	4,116	—	—	—	4,116	—	—	—	4,116	—	4,116
Derivatives	484	—	—	1,106	1,590	1,571	433	231	3,825	258,719	262,544
Total financial assets	130,210	11,770	14,180	21,242	177,402	59,592	48,537	149,164	434,695	362,691	797,386
Bank repos	609	—	—	—	609	—	—	—	609	9,657	10,266
Customer repos	1,542	—	—	—	1,542	—	—	—	1,542	25,570	27,112
Deposits by banks	6,023	536	30	739	7,328	—	—	265	7,593	20,469	28,062
Customer accounts	315,641	5,101	4,023	4,455	329,220	4,372	427	61	334,080	11,911	345,991
Personal	145,786	3,131	1,826	3,323	154,066	3,199	13	—	157,278	—	157,278
Corporate	126,306	1,314	1,689	830	130,139	786	364	57	131,346	1,503	132,849
Financial institutions	43,549	656	508	302	45,015	387	50	4	45,456	10,408	55,864

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Debt securities in issue	442	3,410	1,523	2,727	8,102	5,666	7,513	5,986	27,267	3,883	31,150
Settlement balances	3,397	—	—	—	3,397	—	—	—	3,397	—	3,397
Short positions	—	—	—	—	—	—	—	—	—	20,809	20,809
Derivatives	—	144	291	—	435	605	413	1,150	2,603	252,130	254,733
Subordinated liabilities	4	162	88	69	323	2,801	317	16,406	19,847	—	19,847
Other liabilities	1,886	—	—	—	1,886	—	—	—	1,886	—	1,886
Total financial liabilities	329,544	9,353	5,955	7,990	352,842	13,444	8,670	23,868	398,824	344,429	743,253



**Business review Capital and risk management****Liquidity and funding risk** continued

	Other than held-for-trading								Total excluding HFT £m	HFT £m	Total £m
	Less than 1 month £m	1-3 months £m	3-6 months £m	6 months -1 year £m	Subtotal £m	1-3 years £m	3-5 years £m	More than 5 years £m			
Cash and balances at central banks	74,872	—	—	—	74,872	—	—	—	74,872	—	74,872
Bank reverse repos	1,801	778	—	—	2,579	—	—	—	2,579	18,129	20,708
Customer reverse repos	969	—	—	—	969	—	—	—	969	43,018	43,987
Loans to banks	8,372	1,130	576	913	10,991	221	50	9	11,271	11,773	23,044
Loans to customers	32,509	13,690	13,579	23,903	83,681	54,322	46,195	127,959	312,157	23,038	335,195
Personal	5,653	2,596	3,181	5,601	17,031	18,398	14,916	94,290	144,635	120	144,755
Corporate	21,462	10,025	8,334	14,445	54,266	30,141	29,568	31,156	145,131	7,060	152,191
Financial institutions	5,394	1,069	2,064	3,857	12,384	5,783	1,711	2,513	22,391	15,858	38,249
Debt securities	2,512	2,695	2,232	2,740	10,179	5,272	6,056	15,916	37,423	49,226	86,649
Equity shares	—	—	—	—	—	—	—	814	814	4,821	5,635
Settlement balances	4,667	—	—	—	4,667	—	—	—	4,667	—	4,667
Derivatives	622	—	—	1,491	2,113	2,291	701	336	5,441	348,149	353,590
Total financial assets excluding Citizens	126,324	18,293	16,387	29,047	190,051	62,106	53,002	145,034	450,193	498,154	948,347
Citizens	5,732	1,271	2,119	3,688	12,810	14,897	15,578	34,372	77,657	566	78,223
Total	132,056	19,564	18,506	32,735	202,861	77,003	68,580	179,406	527,850	498,720	1,026,570
Bank repos	565	304	—	—	869	—	—	—	869	23,990	24,859
Customer repos	297	1,069	—	—	1,366	—	—	—	1,366	35,985	37,351
Deposits by banks	6,370	1,067	616	128	8,181	795	8	704	9,688	26,118	35,806
Customer accounts	311,212	8,643	5,878	7,087	332,820	4,888	1,097	208	339,013	15,308	354,321
Personal	139,131	5,667	2,956	4,751	152,505	3,492	191	18	156,206	—	156,206
Corporate	128,811	2,180	2,390	1,449	134,830	913	702	178	136,623	1,675	138,298
Financial institutions	43,270	796	532	887	45,485	483	204	12	46,184	13,633	59,817
Debt securities in issue	660	1,776	1,593	5,465	9,494	11,496	6,928	15,872	43,790	6,490	50,280
Settlement balances	4,503	—	—	—	4,503	—	—	—	4,503	—	4,503
Short positions	—	—	—	—	—	—	—	—	—	23,029	23,029

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Derivatives	—	140	348	—	488	789	543	1,801	3,621	346,184	349,805
Subordinated liabilities	682	486	1,192	912	3,272	900	2,539	16,194	22,905	—	22,905
Other liabilities	1,800	—	—	—	1,800	—	—	—	1,800	—	1,800
Total financial liabilities excluding Citizens	326,089	13,485	9,627	13,592	362,793	18,868	11,115	34,779	427,555	477,104	904,659
Citizens	56,070	2,064	858	4,976	63,968	3,069	852	362	68,251	1,810	70,061
Total	382,159	15,549	10,485	18,568	426,761	21,937	11,967	35,141	495,806	478,914	974,720

**Business review Capital and risk management****Liquidity and funding risk** continued

## Encumbrance

RBS evaluates the extent to which assets can be financed in a secured form (encumbrance), but certain asset types lend themselves more readily to encumbrance. The typical characteristics that support encumbrance are an ability to pledge those assets to another counterparty or entity through operation of law without necessarily requiring prior notification, homogeneity, predictable and measurable cash flows, and a consistent and uniform underwriting and collection process. Retail assets including residential mortgages, credit card receivables and personal loans display many of these features.

RBS categorises its assets into three broad groups; assets that are:

already encumbered and used to support funding currently in place via own asset securitisations, covered bonds and securities repurchase agreements.

positioned with the central bank as part of RBS's contingency funding.

not currently encumbered. In this category, RBS has in place an enablement programme which seeks to identify assets which are capable of being encumbered and to identify the actions to facilitate such encumbrance whilst not impacting customer relationships or servicing.

RBS's balance sheet encumbrance ratios are set out below.

Encumbrance ratios	2014		
	2015	2014	excluding Citizens
	%	%	%
Total	11%	13%	12%
Excluding balances relating to derivative transactions	11%	14%	13%
Excluding balances relating to derivative and securities financing transactions	8%	11%	10%

Balance sheet  
encumbrance

2015	Encumbered as a result of transactions with counter parties other than central banks				Assets encumbered at the central bank and unencumbered assets					Total	Total
	Covered bonds and securitisations (1)	Derivatives (2)	Repos and similar assets (2)	Total encumbered assets (3)	Positioned at the central bank (4)	Readily available for encumbrance (5)	Capable of being encumbered (6)	Cannot be encumbered (7)			
	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn

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Cash and balances at central banks	—	—	2.5	2.5	70.5	6.8	0.1	—	77.4	79.9
Loans and advances										
- banks	1.5	11.0	0.4	12.9	1.5	2.8	1.3	0.5	6.1	19.0
- residential mortgages										
- UK	15.2	—	—	15.2	81.3	18.6	8.4	—	108.3	123.5
- Irish	7.4	—	—	7.4	1.2	4.0	—	0.1	5.3	12.7
- credit cards	—	—	—	—	—	4.4	0.2	—	4.6	4.6
- personal loans	—	—	—	—	—	6.0	5.1	—	11.1	11.1
- other	0.8	17.2	0.4	18.4	8.3	8.9	98.4	22.1	137.7	156.1
Reverse repos	—	—	—	—	—	—	—	39.9	39.9	39.9
Debt securities	—	2.9	31.9	34.8	20.9	26.3	0.5	—	47.7	82.5
Equity shares	—	—	—	—	—	0.8	0.2	0.4	1.4	1.4
Settlement balances	—	—	—	—	—	—	—	4.1	4.1	4.1
Derivatives	—	—	—	—	—	—	—	262.5	262.5	262.5
Intangible assets	—	—	—	—	—	—	—	6.5	6.5	6.5
PPE	—	—	0.3	0.3	—	—	3.1	1.1	4.2	4.5
Deferred tax	—	—	—	—	—	—	—	2.6	2.6	2.6
Other assets	—	—	—	—	—	—	—	4.5	4.5	4.5
Total	24.9	31.1	35.5	91.5	183.7	78.6	117.3	344.3	723.9	815.4
Securities retained					2.9					
Total liquidity portfolio					186.6					
Liabilities secured										
Intra-Group - secondary liquidity	(4.0)	—	—	(4.0)						
Intra-Group - other	(6.2)	—	—	(6.2)						
Third-party (8)	(8.0)	(31.1)	(39.6)	(78.7)						
Total	(18.2)	(31.1)	(39.6)	(88.9)						

For the notes to this table refer to the following page.

**Business review Capital and risk management****Liquidity and funding risk** continued

## Balance sheet encumbrance

2014*	Encumbered as a result of transactions with counter parties other than central banks			Total encumbered assets (3)	Assets encumbered at the central bank and unencumbered assets				Total	Total
	Covered bonds and securitisations (1)	Derivatives (2)	Repos and similar assets (2)		Positioned at the central bank (4)	Readily available for encumbrance (5)	Capable of being encumbered (6)	Cannot be encumbered (7)		
	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn
Cash and balances at central banks	—	—	2.4	2.4	66.7	5.8	—	—	72.5	74.9
Loans and advances										
- banks	4.9	11.5	0.5	16.9	0.4	1.7	4.0	—	6.1	23.0
- residential mortgages										
- UK	25.4	—	—	25.4	69.9	10.2	7.7	0.1	87.9	113.3
- Irish	8.6	—	—	8.6	0.9	4.3	—	0.1	5.3	13.9
- credit cards	2.7	—	—	2.7	—	2.3	0.2	—	2.5	5.2
- personal loans	—	—	—	—	—	6.4	2.9	—	9.3	9.3
- other	6.0	21.9	0.5	28.4	7.9	9.7	110.3	37.2	165.1	193.5
Reverse repos	—	—	—	—	—	—	—	64.7	64.7	64.7
Debt securities	—	5.6	26.7	32.3	13.8	39.7	0.8	—	54.3	86.6
Equity shares	—	0.3	2.6	2.9	—	2.2	0.2	0.3	2.7	5.6
Settlement balances	—	—	—	—	—	—	—	4.7	4.7	4.7
Derivatives	—	—	—	—	—	—	—	353.6	353.6	353.6
Intangible assets	—	—	—	—	—	—	—	7.8	7.8	7.8
PPE	—	—	0.4	0.4	—	—	3.7	2.1	5.8	6.2
Deferred tax	—	—	—	—	—	—	—	1.9	1.9	1.9
Other assets	—	—	—	—	—	—	—	5.8	5.8	5.8
Total excluding Citizens	47.6	39.3	33.1	120.0	159.6	82.3	129.8	478.3	850.0	970.0
Citizens	—	0.3	16.4	16.7	13.8	8.5	1.7	40.3	64.3	81.0
Total	47.6	39.6	49.5	136.7	173.4	90.8	131.5	518.6	914.3	1,051.0

13.6

Securities retained				
Total liquidity portfolio				187.0

Liabilities secured				
Intra-Group - secondary liquidity	(13.1)	—	—	(13.1)
Intra-Group - other	(11.6)	—	—	(11.6)
Third-party (8)	(12.7)	(39.6)	(64.7)	(117.0)
Total excluding Citizens	(37.4)	(39.6)	(64.7)	(141.7)
Citizens	—	—	(10.4)	(10.4)
Total	(37.4)	(39.6)	(75.1)	(152.1)

\*Restated - refer to page 270 for further details.

Notes:

(1) Covered bonds and securitisations include securitisations, conduits and covered bonds.

Repos and other secured deposits, cash, coin and nostro balance held with the Bank of England as collateral against (2) deposits and notes in circulation are included here rather than within those positioned at the central bank as they are part of normal banking operations.

Total assets encumbered as a result of transactions with counterparties other than central banks are those that have (3) been pledged to provide security for the liability shown above and are therefore not available to secure funding or to meet other collateral needs.

Assets positioned at the central bank relates to RBS's liquidity portfolio and comprises cash balances at central (4) banks, high quality debt securities and loans that have been pre-positioned with central banks. In addition, the liquidity portfolio includes securitisations of own assets which has reduced over the years and has been replaced by loans.

(5) Readily available for encumbrance: including assets that have been enabled for use with central banks but not positioned; and unencumbered debt securities.

Other assets that are capable of being encumbered are those assets on the balance sheet that are available for (6) funding and collateral purposes but are not readily realisable in their current form. These assets include loans that could be prepositioned with central banks but have not been subject to internal and external documentation review and diligence work.

(7) Cannot be encumbered includes:

- (a) Derivatives, reverse repurchase agreements and trading related settlement balances.
- (b) Non-financial assets such as intangibles, prepayments and deferred tax.
- (c) Loans that cannot be pre-positioned with central banks based on criteria set by the central banks, including those relating to date of origination and level of documentation.
- (d) Non-recourse invoice financing balances and certain shipping loans whose terms and structure prohibit their use as collateral.  
In accordance with market practice, RBS employs securities recognised on the balance sheet, and securities (8) received under reverse repo transactions as collateral for repos. Secured derivative liabilities reflect net positions that are collateralised by balance sheet assets.

## **Business review Capital and risk management**

### **Business risk\***

#### Definition

Business risk is the risk that RBS makes inappropriate business or strategic choices or that RBS is not able to execute its chosen strategy in line with its budget. The risk is that RBS does not deliver its budgeted performance which could lead to a deterioration in stakeholder trust and confidence or to a breach of regulatory thresholds.

RBS could make inappropriate business or strategic choices if it fails to adequately assess the current and prospective operating environment. RBS may not be able to execute its chosen strategy in line with its budget if there are material changes to its internal or external operating environment.

All the disclosures in this section are unaudited.

### **Sources of risk**

Business risk arises as a result of the bank's exposure to the macro-environment, to the competitive environment, and to technological changes. In addition, internal factors such as volatility in sales volumes, and input costs, and other operational risks such as RBS's ability to assess the business operating environment, or to execute its chosen strategy, contribute to business risk.

### **Key developments in 2015**

RBS reduced its business risk profile by implementing its strategic plan to shift the business mix towards the UK and the retail and commercial banking segments, with riskier activities in CIB and Capital Resolution curtailed via disposals and run-down. In addition, RBS continued with its simplification agenda and cost reduction programme.

RBS's "Top Risks" process became more firmly embedded. In addition, RBS's stress testing processes continued to develop, improving the management of business risk. Additional stress testing was undertaken in response and scenario modelling capability was enhanced further.

### **Governance**

The Board has ultimate responsibility for business risk and for approving strategic plans, initiatives and changes to strategic direction. Refer to the Risk governance section on page 144.



RBS's strategic planning process is managed by Strategy and Corporate Development. The Risk and Finance functions are key contributors to strategic planning. As part of the process, each customer business develops a strategic plan within a framework set by RBS's senior management. The strategic plans are consolidated at RBS-wide level, and reviewed and assessed against risk appetite by the Chief Executive, the Chief Financial Officer and the Director of Strategy and Corporate Finance before presentation to, and approval by, the Board.

Responsibility for the day-to-day management of business risk lies primarily with the franchises with oversight by the Finance function. The franchises are responsible for delivery of their business plans and the management of such factors as pricing, sales volumes, marketing expenditure and other factors that can introduce volatility into earnings.

### **Risk assessment, controls and assurance**

Business risk is directly managed and controlled through RBS's strategic planning, budgeting and new product development processes, in which the following elements are incorporated:

- Evaluation of the macroeconomic environment;
- Industry analysis;
- Competitor analysis, across geography, product, customer;
- Customer behaviour analysis (i.e. understanding customer segments, trends and behaviours);
- Understanding of technological developments;
- Assessment of regulatory developments and changes; and
- Evaluation of the political environment.

The following aspects of the strategic planning process also control business risk:

· The Top Risks process which aims to identify early, monitor closely and avoid or otherwise manage effectively strategic risks that have the highest likelihood of impacting strategic plans; and

· At the end of the strategic planning process sensitivity analysis is undertaken on the consolidated budget to assess the robustness of the plan and compliance with strategic risk objectives, including under a variety of stressed conditions

Furthermore, business risk is controlled as a result of having a requirement for RBS and each business to incorporate the following elements when formulating strategic plans:

- Organisational capabilities;
- Organisational resources;
- Organisational commitment; and
- Stakeholder requirements, including customers, regulators, employees, and investors.

Business risk is also controlled via the monthly performance review processes which include financial reviews carried out by the Finance Function via the franchise Finance Directors and Financial Planning & Analysis. These reviews are carried out to understand emerging trends, issues and, where there are adverse variations from plans, enable management to take appropriate actions. A wide variety of financial, risk, customer and market metrics are monitored to assess business performance and hence the effectiveness of chosen strategies. Deviations from plan are analysed to determine drivers which could be strategic, environmental or management-related. The monthly performance review process also includes the provision of monthly reports to the Executive Committees and the Board.

In addition, business performance reviews are carried out on a quarterly basis to discuss detailed business issues and agree action plans. These are led by franchise Chief Executive Officers and Finance Directors, with RBS's Chief Executive, Chief Financial Officer, Chief Risk Officer and other stakeholders in attendance.

Finally, business risk is controlled through the adoption of policy standards that inform the approach to strategy development and business planning. Examples include the policy standards on Corporate Governance, Business Commitment Approval Process, Acquisitions & Disposals, Capital Management and Political Legislative & Regulatory Environment.

\*unaudited

## **Business review Capital and risk management**

**Business risk\*** continued

### **Risk appetite**

Refer to the Risk appetite section on page 149.

### **Risk identification and monitoring**

Business risk is identified and managed at the product and transaction level. Estimated revenue, costs and capital, including the potential range of outcomes, are key considerations in the design of any new product or investment decision. All policies that ultimately seek to manage and control financial impact at the product and transaction level are therefore relevant to business risk management, including policies on conduct, funding and investment spending.

Business risk is reported, assessed and challenged at every governance level within the organisation. Each franchise monitors its financial performance relative to plans and reports this on a regular basis to the Finance Directors of each franchise. The monthly and quarterly performance review processes described above, as well as the Top Risks process are also all central to the identification and monitoring of business risk.

Business risk is reviewed and assessed through the planning cycles. Financial plans are developed on a bottom-up basis and refined under expected and potential scenarios reflecting expectations of the external environment and strategic priorities. These scenarios are tested against a range of sensitivities and stresses to identify the key risk drivers behind any potential volatility, together with management actions to address and manage them.

### **Risk mitigation**

RBS operates a monthly rolling forecasting process to identify projected changes in, or risks to, key financial metrics, and ensures appropriate actions are taken.

Key strategies are reviewed and approved by the Board. These reviews are intended to maximise the capture of market and customer insight while providing independent scrutiny and challenge. Strategic plans contain analysis of current and expected operating conditions, current and targeted competitive and market positioning, key strategic initiatives, financial and customer targets and milestones, and upside and downside risks.

A major part of the Top Risks process is to ensure that all appropriate action is taken to mitigate the most material risks to strategic objectives.

A full sensitivity analysis of the consolidated strategic plan is undertaken, at the end of the strategic and financial planning process, to assess the robustness of the plan, and compliance with strategic risk objectives, under a variety of stressed conditions. In certain cases, following consideration of an opportunity, RBS may decide not to pursue the opportunity as a result of a perceived strategic risk.

RBS also undertakes strategic reviews to decide on how to react to specific developments.

### **Risk measurement**

A wide variety of financial, risk, customer and market metrics are used to monitor business performance and thus, inter alia, the effectiveness of chosen strategies. Any deviations from the expected values are analysed to determine drivers which could be strategic, environmental or management. Example metrics include: customer attrition, deposit balances, revenues, impairments or loan losses, profitability and risk-weighted returns.

The stress test outcomes form a core part of the assessment of earnings and capital adequacy risk appetite and are approved by the Board. The measurement of change in profit and loss of the franchises under stress thereby acts as a measure of business risk. Franchises also conduct their own bottom-up stress testing exercises to assess the financial performance of their businesses under stress.

### **Reputational risk\***

#### **Definition**

Reputational risk is the risk to RBS's public image owing to a failure to meet stakeholders' expectations in relation to performance, conduct and business profile. Stakeholders include customers, investors, employees, suppliers, government, regulators, special interest and consumer groups, media and the general public.

All the disclosures in this section are unaudited.

#### **Sources of risk**

Reputational risk can arise from the conduct of either RBS as a whole or that of the individuals it employs; from the activities of customers and the countries in which they operate; from the products RBS offers and the transactions it supports; and from its operations and infrastructure.

**Key developments in 2015**

The importance of reputational risk was reinforced with the implementation of a Reputational Risk Policy across customer-facing businesses and functions to improve the identification, assessment and management of customers and issues that present a reputational risk.

This resulted in the strengthening of governance frameworks in businesses including enhancing reputational risk forums that consider customers, transactions, products or issues that present material reputational risks. The membership of the most senior RBS-wide Reputational Risk Forum (RRF) was also reinforced through the addition of the Chief Marketing Officer as a member.

Reporting on cases and issues that have been discussed at RRFs was strengthened, including the review of selected cases and issues by senior business committees and the Board Risk Committee. This ensures lessons are learned on reputational risk management both within businesses and across franchises. Management information has also been improved, with a central register of cases and issues under development.

\*unaudited

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## **Business review Capital and risk management**

### **Reputational risk\*** continued

The most material threats to RBS's reputation continued to originate from historical and more recent conduct issues. As a result, RBS has been the subject of investigations and reviews by a number of its regulators, some of which have resulted in fines and public censure. Refer to the Litigation, investigations and reviews section of Note 30 on the consolidated accounts on page 337.

### **Governance**

Reputational risk is of significant importance and is controlled by a governance framework, with Board-level oversight reinforced by a Reputational Risk Policy.

Reputational risk appetite is agreed at RBS-wide level by the Executive Risk Forum (ERF) and cascaded to business franchises and functions.

The Sustainable Banking Committee is responsible for overseeing how RBS manages its reputation and delivers its commitments on trust, advocacy, and customer service.

The Board's oversight of reputational issues is supported by the senior RBS-wide RRF which opines on cases that represent a material reputational risk to the whole organisation. The RRF, which has delegated authority from the ERF, also acts as a central forum to approve sector or theme-specific reputational risk appetite positions (including Environmental, Social & Ethical risk positions) following review at business franchise risk committees.

### **Risk appetite**

Refer to the Risk appetite section on page 149.

### **Risk monitoring and measurement**

Emerging reputational issues are identified by business franchises and functions with the Sustainability Services and Enterprise Wide Risk teams focusing on new and emerging sustainability and strategic risks respectively. The Risk Management Monthly Report, provided to the Executive Risk Forum and the Board Risk Committee (BRC), may also discuss reputational risks facing RBS, and the annual Sustainability Report covers progress on sustainability principles.

Management information on customers, transactions, products or issues that have been escalated to relevant reputational risk approving authorities and forums is captured by each business franchise with select cases being reviewed by senior risk committees within the businesses. A summary of material reputational risk issues discussed at the senior RBS-wide Reputational Risk Forum is also provided in the Risk Management Monthly Report.

ESE ratings of customers and transactions are captured and analysed centrally by the Reputational and ESE Risk Team and reported externally in the annual Sustainability Report.

### **Risk mitigation**

Reputational risk is mitigated through governance frameworks and training of staff to ensure early identification, assessment and escalation of cases with potential reputational risk, if appropriate. This includes creating appropriate fora, for example reputational risk committees or individual reputational risk approvers.

Also important is the setting of clear reputational risk appetite criteria, ensuring higher risk cases are escalated for informed debate and senior-level approval. Effective communication channels and incident response planning also ensure that cases resulting in reputational impact are appropriately managed, for example by declining or exiting business or by ensuring incident management plans are implemented to manage the impact of negative media coverage.

### **Conduct and regulatory risk\***

#### **Definition**

Conduct and regulatory risk is the risk that the behaviour of RBS and its staff towards customers, or in the markets in which it operates, leads to unfair or inappropriate customer outcomes and results in reputational damage, financial loss or both. The damage or loss may be the result of a failure to comply with (or adequately plan for changes to) relevant official sector policy, laws, regulations, or major industry standards, or of failing to meet customers' or regulators' expectations.

All the disclosures in this section are unaudited.

#### **Sources of risk**

Conduct and regulatory risk exists across all stages of RBS's relationships with its customers, from the development of its business strategies, through governance arrangements, to post-sales processes. Activities through which conduct risk may arise are diverse and include product design, marketing and sales, complaint handling, staff training, and handling of confidential and non-public price sensitive information. Conduct risk also exists if RBS does not take effective action to prevent fraud, bribery and money laundering. Regulatory risk arises from the regulatory, business

or operating environment and from RBS's response to it.

As set out in the Litigation, Investigations and Reviews section, RBS and certain members of it are party to legal proceedings and are subject to investigation and other regulatory action in the UK, the US and other jurisdictions.

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## **Business review Capital and risk management**

### **Conduct and regulatory risk\*** continued

#### **Key developments**

RBS continued to remediate historical conduct issues, while also focusing its customer-facing businesses and support functions around the needs of its customers.

The remediation of PPI continued and RBS increased its provisioning by £500 million, following the issuance of the consultation paper by the FCA in November 2015; this sets out proposed rules and guidance for how firms should handle PPI complaints fairly. The Consultation Paper also contains proposals for the introduction of a deadline date for complaints in 2018.

During 2015 a new Conduct Risk Appetite Framework was established and is being embedded across RBS.

The Conduct Risk Appetite Framework is divided into seven pillars, ensuring that conduct risk exposures are understood and managed in accordance with agreed risk appetite and that there is regular, consistent assessment and reporting of both risk exposures and the operating effectiveness of controls, across the businesses.

The Framework enables the implementation of a consistent approach to assessing conduct and regulatory risk; the removing of silos and duplicative testing in businesses; and the design of a simplified risk assessment process across conduct and operational risk.

Other activities undertaken to address regulatory risk included:

- Migration to simpler, principle-based policies with accountable executives identified and roles, accountabilities and responsibilities defined;

- Roll-out of RBS-wide policies, processes and strategic systems to identify and manage conflicts of interest better;

Implementation programmes to prepare for ring-fencing and the UK's new individual accountability regime, as well as other future regulatory requirements;

Enhancement of the RBS-wide surveillance programme; and

Significant investment in anti-money laundering controls, governance and training.

## **Governance**

Conduct & Regulatory Affairs (C&RA) is responsible for defining appropriate standards of conduct, and for driving adherence to them, for designing the framework for managing conduct and regulatory risk, and for overseeing remediation activity. It also provides appropriate controls, challenge and oversight to ensure good customer outcomes. In so doing, C&RA acts as a second line of defence control function.

Key elements of the governance structure are set out below:

The C&RA Executive Committee considers emerging issues material to C&RA's strategy, and implements Board and Executive Committee risk management policy decisions;

The Financial Crime Accountable Executive Committee (accountable to the Executive Risk Forum) ensures that the customer businesses and the Services function fulfil strategic objectives by identifying and managing their financial crime risks effectively; and

The Mandatory Change Advisory Committee (MCAC), reports to the Bank-Wide Investment Committee, and comprises representatives of the customer businesses and functions. The MCAC acts as the 'reception committee' for reviewing externally mandated changes that may affect RBS and recommending appropriate responses, including the timely mobilisation of change implementation activities. In doing so, it agrees business or function owners of individual risks; and commissions and reviews impact assessments from customer businesses and functions.

## **Controls and assurance**

Under the RBS Policy Framework, C&RA owns 23 conduct risk policies. Each policy is designed to provide both high-level direction and RBS-wide requirements. The policies are designed to ensure RBS meets its regulatory obligations, and to provide the necessary clarity for staff on their conduct obligations.

C&RA's Regulatory Affairs department separately oversees the regulatory changes, interactions with regulators and regulatory approvals for individuals.

\*unaudited



**Business review Capital and risk management**  
**Conduct and regulatory risk\*** continued

Assurance and monitoring activities are essential to help measure the extent to which RBS manages its delivery of specific customer outcomes.

Risk assessments are used to identify material conduct risks and key controls across all business areas. The risk assessment process is designed to confirm that risks are effectively managed and prioritised and that controls are tested.

Scenario analysis is used to assess the impacts of extreme but plausible conduct risks including financial crime. The scenarios assess the exposures that could significantly affect RBS's financial performance or reputation and are an important component in the operational risk framework and capital model.

**Risk appetite**

Work to refine and embed the risk appetite framework and associated control processes continued in 2015. The risk appetite statements set the minimum standards which the RBS franchises augment with specific conduct risks inherent in their business model. The franchises undertake an annual self-assessment of the inherent and residual conduct risks against the risk appetite statements.

**Risk monitoring and measurement**

C&RA works closely with the customer-facing businesses to assess business models, strategy and products and influence better outcomes for customers.

RBS's senior boards and committees receive updates on conduct risk exposures and action plans through monthly C&RA-initiated reporting. The reporting is intended to be focused, forward-looking and action-oriented.

C&RA provides appropriate reporting of all material regulatory reviews and other regulatory developments worldwide to the appropriate RBS-wide committees, including the Board, the Group Audit Committee and BRC.

An annual Money Laundering Reporting Officer's Report is submitted to the Board and the FCA. Covering the operation and effectiveness of the systems and controls in place to comply with Anti-Money Laundering (AML) law and regulation, it also describes RBS's AML framework. In addition, it covers the systems and controls in place to

prevent the financing of terrorism and to ensure compliance with sanctions as well as embargoes and export controls imposed by the UN, governments and other supranational bodies.

The Group Audit Committee is provided with an annual Whistleblowing Update Report. It details cases by internal reporting categories based on the Public Interest Disclosure Act (1998); identifies underlying causal and subject trends; and highlights the outcome of investigations and actions taken.

C&RA is working with each business to enhance the management information linked to their risk appetite statements. This is required to ensure appropriate customer outcomes are delivered, and that the management information is compliant with the Basel Committee on Banking Supervision principles for effective risk data aggregation and risk reporting.

### **Risk mitigation**

C&RA communicates information on regulatory developments, and follow-ups with regulators, to customer-facing businesses and functions, helping them identify and execute any required mitigating changes to strategy or business models.

Early identification and effective management of changes in legislation and regulation, are critical to the successful mitigation of conduct and regulatory risk. All regulatory and compliance changes are managed to ensure timely compliance readiness. Those changes assessed as having a 'High' or 'Medium-High' impact are managed especially closely, with the aim of mitigating the impact through, for instance, changes to strategy or business activities, or external engagement.

### **Operational risk\***

#### **Definition**

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people and systems, or external events. It arises from day-to-day operations and is relevant to every aspect of the business.

Operational risks may have a direct customer or reputational impact (for example, a major IT systems failure or fraudulent activity) or both. Operational risk failures may also have a link with conduct risk failures.

All the disclosures in this section are unaudited.

### **Sources of risk**

Operational risk may arise from a failure to manage operations, systems, transactions and assets appropriately. It may arise from forms of human error, an inability to deliver change on time or adequately, or the non-availability of technology services or the loss of customer data. Fraud and theft are sources of operational risk, as is the impact of natural and man-made disasters. It may also arise from a failure to take appropriate measures to protect assets or take account of changes in law or regulations.

### **Key developments in 2015**

The functional operating model for operational risk was embedded during 2015 and aims to ensure operational risk is managed in a consistent manner across RBS. This supplemented work by the customer businesses to increase understanding of the operational risk profile and the actions required to mitigate risks outside of appetite.

An Operational Risk Management Framework (ORMF) programme was established, aiming to deliver enhancements with an emphasis on simplifying and improving connectivity between individual ORMF components by the end of 2016.

Following the major IT incident that occurred in 2012, significant improvements have been delivered to the technology environment. These included major investments in upgrading core banking infrastructure and improving a broad range of processes and tools. Further improvement initiatives will continue as part of the Transformation Programme to simplify RBS's technology environment.

\*unaudited

## **Business review Capital and risk management**

### **Operational risk\***continued

The successful execution of major projects, including the transformation plan, the restructuring of CIB and the divestment of Williams & Glyn is essential to meeting RBS's strategic objectives. Operational Risk continued to oversee the implementation of these, ensuring the associated risks were assessed and understood with mitigating activity in place wherever possible.

### **Cyber risk**

Cyber attacks are increasing in frequency and severity across the industry and their threat to the security of RBS's information continues to be closely monitored. During 2015 RBS participated in industry-wide cyber attack simulations in order to help test and develop defence planning. To mitigate the risks, a large-scale programme to improve user access controls is in progress, along with a number of other actions, including a reduction in the number of external websites, enhancement of protection against malware, and the implementation of a staff education programme on information protection.

### **Risk governance**

A strong operational risk management function is vital to support RBS's ambitions. Better management of operational risk directly supports the strategic risk objective of improving stakeholder confidence and is vital for stability and reputational integrity.

The operational risk function, an independent second line of defence, plays a leadership role and seeks to achieve a robust operational risk management framework and culture across RBS. The Global Head of Operational Risk reports to the Chief Risk Officer.

The operational risk function is responsible for the design, development, delivery and continuous improvement of the ORMF. The Operational Risk Policy is incorporated in the RBS Policy Framework and provides direction for the consistent identification, assessment, management, monitoring and reporting of operational risk. Through a network of oversight teams, the function undertakes second line of defence oversight and challenge to ensure the integrity of the ORMF, and manages the overall operational risk profile against risk appetite.

The Operational Risk Executive Committee (OREC), which is a sub-committee of the Executive Risk Forum (ERF), acts on all operational risk matters. This includes reviewing the operational risk exposure against risk appetite; identifying and assessing material operational risks, encompassing both current and emerging material risks; reviewing and monitoring the operational risk profile; and reviewing and approving material policy changes.

## **Controls and assurance**

The Control Environment Certification (CEC) process is a half yearly self-assessment of the adequacy and effectiveness of RBS's internal control environment. This covers material risks and the key controls that underpin them, including financial, operational and compliance controls, as well as the supporting risk management frameworks.

The CEC outcomes, including forward-looking assessments for the next two half-yearly cycles and high-level plans required to improve the control environment, are reported to the Board, the Group Audit Committee and the Board Risk Committee. They are also shared with external auditors.

The CEC helps to ensure compliance with the RBS Policy Framework, Sarbanes-Oxley 404 requirements concerning internal control over financial reporting (as referenced in the Compliance report section), and the requirements of the UK Corporate Governance Code.

## **Risk appetite**

The operational risk appetite framework is place to manage the risk to an acceptable level in line with stated risk appetite. Risk appetite provides RBS with a clear understanding of its acceptable levels of risk in relation to its strategic objectives and wider obligations.

This has led to the development of a number of risk appetite statements covering RBS's most material operational risks. These risks were identified due to their significance and they are regularly reported to the OREC, ERF and BRC. Work has commenced to cascade these statements to each business. The statements are monitored and reported at business risk committees.

Above these sits an RBS-level operational risk appetite statement which encompasses the full range of operational risks and drives the strategic risk measurement of stakeholder confidence. This is reviewed annually by the ERF. The statement is supported by three simple measures: (i) the relationship between operational risk losses and RBS's gross income; (ii) metrics covering control environment performance; and (iii) the requirements for the material RBS wide operational risks to be managed within risk appetite.

## **Risk identification and assessment**

Risk and control assessments are used to identify and assess material operational and conduct risks and key controls across all business areas. To support identification of risk concentrations, all risks and controls are mapped to the risk directory. Risk assessments are refreshed at least annually to ensure they remain relevant and capture any emerging risks.



The process is designed to confirm that risks are effectively managed and prioritised in line with the stated risk appetite. Controls are tested at the appropriate frequency to verify that they remain fit for purpose and operate effectively.

During 2015 an enhanced end-to-end risk assessment methodology was designed, which is now being implemented across RBS. This approach enhances the understanding of the risk profile of RBS's key products and services, and it will be used to identify and quantify the most material risks. Subject matter experts and key stakeholders are engaged from across RBS to support management decision-making in line with RBS's financial and non-financial appetite statement.

\*unaudited

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## **Business review Capital and risk management**

### **Operational risk\***continued

The New Product Risk Assessment process aims to ensure that the risks represented by new products (and material variations to existing products) are identified and assessed before launch. There is now a requirement to demonstrate that all products provide fair outcomes to customers. Ongoing enhancements to improve the risk rating of new and significant changes to products as well as increasing the focus on customers were introduced during 2015.

### **Risk mitigation**

Risks are mitigated through the application of key preventative and detective controls as an integral step in risk assessment methodology, to enable a determination of the residual risk. Control owners are accountable for the design, execution, performance and maintenance of key controls.

These key controls are regularly assessed for adequacy and tested for effectiveness. The control testing results are monitored and, where a material change in performance is identified, it results in a re-evaluation of the associated risk. During 2015, work continued on enhancing management information reporting, driving consistency and more focused actions to mitigate risk.

RBS purchases insurance to provide the business with financial protection against specific losses and to comply with statutory or contractual requirements.

### **Risk monitoring**

Monitoring and reporting are part of RBS's operational risk management processes, which aim to ensure that risks and issues are identified, considered by senior executives, and managed effectively.

The most material operational risks and their position relevant to risk appetite are regularly reviewed at the OREC, along with any emerging risks and the actions taken to mitigate them. These are also reported to the BRC and the ERF. Exposures specific to each business are communicated through monthly risk and control reports that are discussed at business risk committees.

### **Risk measurement**

RBS uses the standardised approach to calculate its operational risk capital requirement. This is based upon multiplying three years' average historical gross income by co-efficients set by the regulator based on type of income.

As part of the wider Internal Capital Adequacy Assessment Process (ICAAP) an operational risk economic capital model is used as a key capital benchmark. The model utilises loss data and scenario analysis inputs from the operational risk framework to provide a risk sensitive view of RBS's operational risk capital requirement.

Scenario analysis is used to assess the potential impact of extreme but plausible operational risks. It provides a forward-looking basis for evaluating and managing operational risk exposures.

## **Capital**

Using the standardised approach, RBS's Pillar 1 capital requirement for 2015 was £2.5 billion (2014 - £2.9 billion).

## **Event and loss data management**

The event and loss data management process ensures the capture and recording of operational risk loss events that meet defined criteria. The loss data is used for regulatory and industry reporting and is included in the capital modelling, for the calculation of the regulatory capital for operational risk.

The most serious events are escalated in a simple, standardised process to all senior management, by way of the Group Notifiable Event Process.

All losses and recoveries associated with an operational risk event are reported against their financial accounting date. A single event can result in multiple losses (or recoveries) that may take time to crystallise. Losses and recoveries with a financial accounting date in 2015 may relate to events that occurred, or were identified in, prior years.

### *Percentage and value of events*

At 31 December 2015, four categories accounted for around 99% of all operational risk events. These were: (i) clients, products and business practices; (ii) execution, delivery and process management; (iii) fraud; and (iv) employment practices and workplace safety. This was broadly unchanged from 2014. At 31 December 2015, events associated with clients, products and business practices accounted for 98% of the losses (compared to 93% in 2014.)

The losses in this category resulted from new conduct-related provisions, and further increased provisions relating to Payment Protection Insurance and Interest Rate Hedging Products settlements. A small number of operational risk events contributed a high percentage of the total losses. In 2015, around 1% of the events contributed 98% of the losses. This was in line with 2014.

\*unaudited

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**Business review Capital and risk management**

**Operational risk\***continued

**Percentage of events**

**Value of events**

\*unaudited

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## **Business review Capital and risk management**

### **Pension risk\***

#### **Definition**

Pension obligation risk is the risk to RBS caused by its contractual or other liabilities to or with respect to a pension scheme (whether established for its employees or those of a related company or otherwise). It also means the risk that the bank will make payments or other contributions to or with respect to a pension scheme because of a moral obligation or because the bank considers that it needs to do so for some other reason.

All the disclosures in this section are unaudited.

#### **Sources of risk**

RBS has exposure to pension risk through its defined benefit schemes worldwide. Four of the largest schemes, which represent around 90% of RBS's pension liabilities, are the Royal Bank of Scotland Group Pension Fund (Main scheme), the Ulster Bank Pension Scheme (Republic of Ireland), the Ulster Bank Pension Scheme and the Royal Bank of Scotland International Pension Trust. The Main scheme is the principal source of pension risk.

Pension scheme liabilities vary with changes in long-term interest rates and inflation as well as with pensionable salaries, the longevity of scheme members and legislation. Meanwhile, pension scheme assets vary with changes in interest rates, inflation expectations, credit spreads, exchange rates and equity and property prices. RBS is exposed to the risk that the schemes' assets together with future returns and any additional future contributions are insufficient to meet liabilities as they fall due. In such circumstances, it could be obliged (or might choose) to make additional contributions to the schemes or be required to hold additional capital to mitigate this risk.

#### **Key developments in 2015**

A payment of £650 million was made to the Main scheme in 2015 in line with the current Schedule of Contributions, in addition to the regular annual contribution of around £270 million for ongoing accrual of benefits and the expenses of running the scheme.

Following developments in pension accounting and reporting during 2015, RBS revised its policy for determining whether or not it has an unconditional right to a refund of any surpluses in its employee pension funds and also revised prior periods (refer to page 270 - Accounting policies and page 289 Note 4, Pensions, for more details). The incremental impact of this, combined with the accelerated payment expected of £4.2 billion to be made in 2016, is anticipated to improve RBS's risk profile, capital planning, and resilience through the period to 2019. Subject to PRA approval, the adverse core capital impact resulting from the accounting policy change and the accelerated payment is expected to be partially offset by a reduction in core capital requirements. Any such core capital offsets are likely to occur at the earliest from 1 January 2017, but they will depend on the PRA's assessment of RBS's CET1 capital

position at that time.

The Bank of England issued PS17/15 - 'Assessing capital adequacy under Pillar 2'. This set out the final rules, statement of policy and supervisory statements for Pillar 2 capital policy, which informed the calculation of RBS's pension risk capital at 31 December 2015.

Throughout 2015, various pension risk stress-testing initiatives were undertaken, focused both on internally defined scenarios and on scenarios to meet integrated Bank of England stress-testing requirements. For more information on stress testing, refer to page 157.

## **Governance**

The Main scheme operates under a trust deed. The corporate trustee, RBS Pension Trustee Limited, is a wholly owned subsidiary of The Royal Bank of Scotland plc. The trustee board currently comprises six directors selected by RBS and four directors nominated by members. The trustee is supported by RBS Investment Executive Ltd (RIEL), a team which specialises in pension investment strategy.

The Pension Risk Committee (PRC) chaired by the Group Treasurer, acts as a sub-committee of the RBS Asset and Liability Committee (ALCo) and formulates RBS's view of pension risk. The PRC considers mechanisms that could potentially be used for managing risk within the funds as well as financial strategy and employee welfare implications, and also reviews actuarial assumptions from a sponsor perspective as appropriate. The PRC is a key component of RBS's approach to pension risk where risk management, asset strategy and financing issues are reviewed and monitored on behalf of RBS. The PRC also serves as a formal link between RBS, RIEL and the trustee.

For further information on Risk governance, refer to page 144.

## **Risk appetite**

Investment policy for the schemes is defined by the trustee with input from RIEL and other specialist advisers employed by the trustee. While the trustee is responsible for the management of the scheme assets, it consults with RBS on material changes to the Main scheme's risk appetite and investment policy.

RBS maintains an independent view of the risk inherent in pension funds, with an associated risk appetite, and has defined limits against which risk is measured. In addition to the scrutiny provided by the PRC, RBS also achieves this through regular pension risk monitoring and reporting to the Board, the Executive Committee and the BRC on the material pension schemes that RBS has an obligation to support.

**Risk mitigation**

The trustee has taken measures to mitigate inflation and interest rate risks both by investing in suitable financial assets and by entering into inflation and interest rate swaps. The Main scheme also uses derivatives to manage the allocation of the portfolio to different asset classes and to manage risk within asset classes. The assets of the Main scheme, which represented 88% of RBS's pension plan assets at 31 December 2015, are invested in a diversified portfolio of quoted and private equity, government and corporate fixed interest and index-linked bonds, property and other alternative assets.

\*unaudited



**Business review Capital and risk management****Pension risk\***continued**Risk monitoring and measurement**

Pension risk reporting is submitted quarterly to the Board in the RBS Risk Monthly Management Report. The report includes a measurement of the overall deficit or surplus position based on the latest data, estimated capital requirements and an assessment of the associated assets and liabilities.

RBS also undertakes a number of stress tests and scenario analyses on its material defined benefit pension schemes each year as part of its risk measurement framework. These stress tests are also used to satisfy the requests of regulatory bodies such as the Bank of England. The stress testing framework includes the production of the pension risk ICAAP as well as additional stress tests for a number of internal management purposes.

Pension stress tests take the form of both stochastic and deterministic stresses over time horizons ranging from instantaneous to five years in duration. They are designed to examine the behaviour of the pension schemes' assets and liabilities under a range of financial and demographic shocks. The results of the stress tests and their consequential impact on RBS's balance sheet, income statement and capital position are incorporated into the overall bank-wide stress test results.

The table below shows the sensitivity of the Main scheme's assets and liabilities (measured according to IAS 19 'Employee Benefits') to changes in interest rates and equity values at the year end, taking account of the current asset allocation and hedging arrangements. Asset sensitivity to changes in nominal yields increased over the year as swap yields fell at longer durations and the Main scheme increased its interest rate hedging ratio.

	Change in value of assets £m	Change in value of liabilities £m	Change in net pension obligations £m
2015			
Fall in nominal swap yields of 0.25% at all durations with no change in credit spreads or real swap yields	874	363	511
Fall in real swap yields of 0.25% at all durations with no change in credit spreads or nominal swap yields	1,029	1,104	(75)
Fall in credit spreads of 0.25% at all durations with no change in nominal or real swap yields	70	1,526	(1,456)
Fall in equity values of 10%	(667)	—	(667)

2014

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Fall in nominal swap yields of 0.25% at all durations with no change in credit spreads or real swap yields	447	413	34
Fall in real swap yields of 0.25% at all durations with no change in credit spreads or nominal swap yields	932	1,159	(227)
Fall in credit spreads of 0.25% at all durations with no change in nominal or real swap yields	65	1,581	(1,516)
Fall in equity values of 10%	(771)	—	(771)

The chart below shows the pension liability cash flow profile, allowing for expected indexation of future payments. The majority of expected cash flows (77%) are anticipated within the next 40 years. The profile will vary depending on the assumptions made regarding inflation expectations and mortality.

\*unaudited

## **Business review Capital and risk management**

### **Credit risk: management basis**

#### **Definition**

Credit risk is the risk of financial loss due to the failure of a customer or counterparty to meet its obligation to settle outstanding amounts.

The following disclosures in this section are audited:

- Risk assessment and monitoring
- Wholesale credit risk management
- ° Risk mitigation;
- ° Problem debt management - Forbearance;
  - ° Key credit portfolios - commercial real estate LTV distribution
  - Personal credit risk management
- ° Problem debt management - Forbearance
  - ° Overview of personal portfolios - Forbearance; and LTV distribution
  - Country risk - Summary of country exposures

#### **Sources of credit risk\***

The principal sources of credit risk for RBS are as follows:

**Lending** - RBS offers a number of lending products that involve an obligation to provide credit facilities to customers. To mitigate the risk of loss, security may be obtained in the form of physical collateral (such as commercial real estate assets and residential property) or financial collateral (such as cash and bonds). Exposures arising from leasing activities are also included.

**Derivatives and securities financing** - RBS enters into derivatives contracts and securities financing transactions. These result in counterparty credit risk, which is the risk of financial loss arising from the failure of a counterparty to meet obligations that vary in value by reference to a market factor. To mitigate the risk of loss, collateral and netting are used along with the additional legal rights provided under the terms of over-the-counter contracts.

Debt securities - RBS holds some debt securities for liquidity management purposes and is exposed to credit risk as a result.

Off-balance sheet products - RBS provides trade finance and guarantees for customers, as well as committed but undrawn lending facilities, and is exposed to credit risk as a result.

Other activities - RBS is exposed to settlement risk through its activities in foreign exchange, trade finance and payments.

### **Overview and key developments**

Credit quality and impairment - The portfolio reduced due to the strategic disposal of Citizens and Capital Resolution assets. Improvement in asset quality was evidenced by a reduction in the number of customers showing financial stress, the number of customers in default and a release of provisions. This was achieved against a backdrop of supportive economic conditions in RBS's key markets.

UK personal lending - The Personal portfolio grew in mortgage lending while underwriting standards remained unchanged. This reflected improving economic conditions as well as the continued low interest rate environment.

Natural Resources - The Oil & Gas sector was affected by the large drop in oil price with prices remaining volatile. Exposures to the Oil & Gas sector materially reduced during 2015. Asset quality remains strong with the majority of the portfolio remaining investment grade. However, changing market conditions resulted in a limited number of customers experiencing financial stress during the year. The Mining & Metals sector was affected by the global market imbalance, prompted by a slowdown in demand - especially from China - and oversupply of the key metal commodities following a legacy of heavy investment in new production capacity. There was a particular focus on mining, which is most vulnerable in these circumstances. Market conditions remained challenging, especially for customers with high financial or operational leverage. Exposure to the Mining & Metals sector reduced materially during 2015. The sector was subject to heightened credit monitoring and ongoing risk appetite review. For further information, refer to the Key credit portfolios section on page 206.

Automotive - As a result of market events, heightened credit monitoring and an ongoing risk appetite review were introduced for this sector with proactive management of direct and indirect exposures. However, no deterioration of asset quality was observed. For further information, refer to the Key credit portfolios section on page 210.

Emerging markets - Exposure decreased as RBS continued to withdraw from non-strategic countries. The reduction in exposure to China during 2015 reflected corporate loan sales and reductions in bank cash collateral due to a decrease in volumes of foreign exchange trade. For further information, refer to the Country risk section on page 221.

**Credit risk management function\***

Governance

The activities of the RBS credit risk management function, which is led by the Group Chief Credit Officer (GCCO), include:

- approving credit for customers;
- ensuring that credit risk is within the risk appetite set by the Board;
- managing concentration risk and credit risk control frameworks;
- developing and ensuring compliance with credit risk policies; and
- conducting RBS-wide assessments of provision adequacy.

\*unaudited

**Business review Capital and risk management**

**Credit risk: management basis** continued

The key elements of the credit risk management function are set out below.

<b>Leadership</b>	GCCO	The GCCO has overall responsibility for the credit risk function. The GCCO chairs the Credit Risk Committee and, with the CRO, co-chairs the RBS provisions committee.
<b>Governance</b>	Credit Risk committee	Authority over risk appetite (within the appetite set by the board), strategy, frameworks and policy as well as oversight of RBS credit profile.
	Provisions Committee (1,2)	Authority over provisions adequacy and approval of recommendations from business provisions committees in accordance with approval thresholds.
<b>Risk appetite</b>	Concentration frameworks - Wholesale ◦ Single name ◦ Sector ◦ Country ◦ Product and asset class  - Personal credit appetite framework  Reputational and environmental, social and ethical frameworks  Credit policy	Frameworks are maintained to ensure that the risk of an outsized loss due to a concentration to a particular borrower, sector, product type or country remains within appetite. The credit frameworks are aligned to the RBS risk appetite framework.  RBS uses a product and asset class framework to control credit risk for its Personal businesses. The framework sets limits that measure and control the quality of both existing and new business for each relevant franchise or segment.

	Control assurance	
<b>Controls and risk assurance</b>	Quality assurance	Credit policy standards are in place for both Wholesale and Personal portfolios and are expressed as a set of mandatory controls. Assurance activities, as defined by credit policy, are undertaken by an independent assurance function.
	Model risk management	
	Credit assessment standards	
	Credit risk mitigation and collateral	Credit risk stewardship takes place throughout the customer lifecycle, from initial credit approval and on a continuous basis thereafter.
<b>Credit stewardship</b>	Credit documentation	
	Regular portfolio/customer review	The methodology applied for assessing and monitoring credit risk varies between customer types and segments.
	Problem debt identification and management	
		Customers are managed differently, reflecting different customer types and risks.
<b>Customers</b>	Segmentation	Wholesale customers are grouped by industry clusters and managed on an individual basis (includes Corporates, Banks and Financial Institutions).
		Personal customers are grouped into portfolios of similar risk and managed on a portfolio basis (3).

Notes:

- (1) Co-chair with RBS Chief Risk Officer
- (2) Authority is delegated by Executive Risk Forum
- (3) For further information on the RBS provisioning and impairment practices refer to page 227.

\*unaudited





## Business review Capital and risk management

### Credit risk: management basis continued

#### Risk appetite\*

Risk appetite across all risk types is set using specific quantitative targets under stress, including earnings volatility and capital adequacy. The credit risk appetite frameworks have been designed to reflect factors that influence the ability to meet those targets. Tools such as stress testing and economic capital are used to measure credit risk volatility and develop links between the credit risk appetite frameworks and risk appetite targets. The frameworks are supported by a suite of policies and transaction acceptance standards that set out the risk parameters within which franchises must operate. For further information of the specific frameworks for wholesale and personal refer to page 198 and 212 respectively.

#### Risk measurements and models\*

##### Credit risk assets

RBS uses a range of measures for credit risk exposures. The internal measure used, unless otherwise stated, is credit risk assets (CRA) consisting of:

Lending exposure - measured using drawn balances (gross of impairments). Comprises cash balances at central banks as well as loans and advances to banks and customers.

Counterparty exposures - measured using the mark-to-market value of derivatives after the effect of enforceable netting agreements and regulator-approved models but before the effect of collateral. Calculations are gross of credit value adjustments.

Contingent obligations - measured using the value of the committed amount and including primarily letters of credit and guarantees.

CRA exclude issuer risk (primarily debt securities) and securities financing transactions. CRA take account of regulatory netting although, in practice, obligations are settled under legal netting arrangements that provide a right of legal set-off but do not meet the offset criteria under IFRS.

##### Risk models

RBS uses the output of credit risk models in the credit approval process - as well as for ongoing credit risk assessment, monitoring and reporting - to inform credit risk appetite decisions. These models may be divided into different categories:

Model

Wholesale

Personal

Calculation method		
PD model	Individual counterparty	<p>Each customer is assigned a probability of default (PD) rating and corresponding grade. PD is calculated using a combination of quantitative inputs, such as recent financial performance, and qualitative inputs such as management performance and sector outlook.</p> <p>Each customer account is scored and models are used to assign a PD rating. Inputs vary across portfolios and include both internal account and customer level data, as well as data from credit bureaus. This score is used to support automated credit decision-making through the use of a statistically-derived scorecard.</p>
LGD model	Individual counterparty	<p>Loss given default (LGD) models estimate the amount that cannot be recovered in the event of a customer default. When estimating LGD, RBS's models assess both borrower and facility characteristics, as well as any credit risk mitigants. The cost of collections and a time-discount factor for the delay in cash recovery are also incorporated.</p>
EAD model	Individual counterparty	<p>Exposure at default (EAD) models provide estimates of credit facility utilisation at the time of a customer default, recognising that customers may make further drawings on unused credit facilities prior to default or that exposures may increase due to market movements. Regulatory requirements stipulate that EAD must always be equal to, or higher, than current utilisation, though exposures can be reduced by a legally enforceable netting agreement.</p>
EC model	Portfolio level	<p>The credit economic capital model is a framework that allows for the calculation of portfolio credit loss distributions and associated metrics over a given risk horizon for a variety of business purposes. The model takes into account migration risk (the risk that credit assets will deteriorate in credit quality across multiple years), factor correlation (the assumption that groups of obligors share a common factor) and contagion risk (for example, the risk that the weakening of the sovereign's credit worthiness has a significant impact on the creditworthiness of a business operating in that country).</p>

\*unaudited

## Business review Capital and risk management

### Credit risk: management basis continued

#### Changes to credit models

RBS reviews and updates models on an ongoing basis in order to reflect the impact of more recent data, changes to products and portfolios, and new regulatory requirements. Extensive changes were made to wholesale models between 2012 and 2014. To a lesser extent, the impact of these changes continued through 2015, resulting in some downwards rating migrations across internal asset quality bands. For further information, refer to the Asset quality section on page 197.

Model changes affect year-on-year comparisons of risk measures in certain disclosures. Where meaningful, in commentary RBS has differentiated between instances where movements in risk measures reflect the impact of model changes and those where such movements reflect changes in the size of underlying credit portfolios or their credit quality.

For more information on model governance and review refer to the Model section on page 147.

### Risk mitigation\*

Risk mitigation techniques are used in the management of credit portfolios across RBS, typically to mitigate credit concentrations in relation to an individual customer, a borrower group or a collection of related borrowers. Where possible, customer credit balances are netted against obligations. Mitigation tools applied can include: structuring a security interest in a physical or financial asset; use of credit derivatives, including credit default swaps, credit-linked debt instruments and securitisation structures; and use of guarantees and similar instruments (for example, credit insurance) from related and third parties. When seeking to mitigate risk, at a minimum RBS considers the following:

- The suitability of the proposed risk mitigation, particularly if restrictions apply;

- The means by which legal certainty is to be established, including required documentation, supportive legal opinions and the steps needed to establish legal rights;

- The acceptability of the methodologies to be used for initial and subsequent valuation of collateral, the frequency of valuations and the advance rates given;

- The actions which can be taken if the value of collateral or other mitigants is less than needed;

- The risk that the value of mitigants and counterparty credit quality may deteriorate simultaneously;

- The need to manage concentration risks arising from collateral types; and

- The need to ensure that any risk mitigation remains legally effective and enforceable.

The business and credit teams are supported by specialist in-house documentation teams. RBS uses industry-standard loan and security documentation wherever possible. However, when non-standard documentation is used, external lawyers are employed to review it on a case-by-case basis. Mitigants (including any associated insurance) are monitored throughout the life of the transaction to ensure that they perform as anticipated. Similarly, documentation is also monitored to ensure it remains enforceable.

For further information refer to the sub-sections on Wholesale credit risk management and Personal credit risk management.

### Counterparty credit risk

RBS mitigates counterparty credit risk arising from both derivatives transaction and repurchase agreements through the use of netting, collateral and market standard documentation.

Amounts owed by RBS to a counterparty are netted against amounts the counterparty owes the bank, in accordance with relevant regulatory and internal policies. However, generally, this is only done if a netting and collateral agreement is in place as well as a legal opinion to the effect that the agreement is enforceable in the relevant jurisdictions.

Collateral may consist of either cash or securities. In the case of derivatives, collateral generally takes the form of cash. In the case of securities financing transactions, collateral usually takes the form of debt securities and, to a much lesser extent, equity securities at the outset. However, if the value of collateral falls relative to the obligation, RBS may require additional collateral in the form of cash (variation margin). The vast majority of agreements are subject to daily collateral calls with collateral valued using RBS's internal valuation methodologies.

Industry standard documentation - such as master repurchase agreements and credit support annexes accompanied by legal opinion - is used for financial collateral taken as part of trading activities.

RBS restricts counterparty credit exposures by setting limits that take into account the potential adverse movement of an exposure after adjusting for the impact of netting and collateral (where applicable).

### **Risk assessment and monitoring**

Practices for credit stewardship - including credit assessment, approval and monitoring as well as the identification and management of problem debts - differ between the wholesale and personal portfolios. For further information

refer to the relevant sub-sections on pages 198 and 212. A key aspect of credit risk stewardship is ensuring that, when signs of impairment are identified, appropriate impairment provisions are recognised.

### **Impairment, provisioning and write-offs**

In the overall assessment of credit risk, impairment, provisioning and write-offs are used as key indicators of credit quality. The impairment, provisioning and write-off processes are described in more detail below.

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**Business review Capital and risk management****Credit risk: management basis continued****Impairment**

A financial asset is impaired if there is objective evidence that the amount, or timing, of future cash flows has been adversely affected since its initial recognition. Refer to accounting policies on page 276 for details regarding the quantification of impairment losses.

Days-past-due measures are typically used to identify evidence of impairment. In both Wholesale and Personal portfolios, a period of 90 days past due is used. In sovereign portfolios, the period used is 180 days past due. Indicators of impairment include the borrower's financial condition; a forbearance event; a loan restructuring; the probability of bankruptcy; or any evidence of diminished cash flows.

**Provisioning**

The amount of an impairment loss is measured as the difference between the asset carrying amount and the present value of the estimated future cash flows discounted at the financial asset's original effective interest rate. The current net realisable value of the collateral will be taken into account in determining the need for a provision. This includes cash flows from foreclosure (less costs of obtaining and selling the collateral), whether or not foreclosure is probable. Impairment provisions are not recognised where amounts due are expected to be settled in full on the realisation of collateral. RBS uses one of the following three methods to quantify the provision required: individual; collective; and latent, as set out below:

Provision method	Customer type	Quantification method	Key factors considered
Individual	Impaired, individually significant	Case-by-case assessment of future cashflows	<ul style="list-style-type: none"> <li>· Customer and guarantor performance.</li> <li>· Future value of collateral.</li> <li>· Future economic conditions based on factors available at the time.</li> <li>· Level of arrears.</li> <li>· Value of security.</li> </ul>
Collective	Impaired but not individually significant, grouped into homogenous portfolios	Quantitative review of relevant portfolio	<ul style="list-style-type: none"> <li>· Historical and projected cash recovery trends.</li> <li>· Current economic conditions.</li> <li>· Operational processes.</li> <li>· Latest cash collection profile.</li> </ul>

			<ul style="list-style-type: none"> <li>· For wholesale customers PD, LGD and EAD values are used.</li> </ul>
Latent	Not impaired	$PD\% \times LGD\% \times EAD \times \text{Emergence Period}$	<ul style="list-style-type: none"> <li>· For personal, calculations are performed at portfolio level by product (e.g. mortgages, credit cards or unsecured loans).</li> <li>· Portfolio-level emergence periods are based on products or businesses with similar homogenous characteristics. Emergence periods range from 120 to 274 days.</li> </ul>

Refer to pages 227 to 232 for an analysis of impaired loans, related provisions and impairments. Refer to page 276 for details of accounting policies. For details on collateral, refer to the Counterparty credit risk section on page 193 as well as the Wholesale and Personal risk mitigation sections on pages 198 and 212.

The Restructuring credit team will ultimately recommend or approve any provision that may be required.

#### Sensitivity of impairments to assumptions

Key assumptions relating to impairment levels relate to economic conditions, the interest rate environment, the ease and timing of enforcing loan agreements in varying legal jurisdictions and the level of customer co-operation.

In addition, for secured lending, key assumptions relate to the valuation of the security and collateral held, as well as the timing and cost of asset disposals based on underlying market depth and liquidity. Assessments are made by relationship managers on a case-by-case basis for individually-assessed provisions and are validated by credit teams. For individual impairments greater than £1 million, oversight is provided by the RBS Provisions Committee.

#### Available-for-sale portfolios

Available-for-sale portfolios are also regularly reviewed for evidence of impairment, including: default or delinquency in interest or principal payments; significant financial difficulty of the issuer or obligor; and increased likelihood that the issuer will enter bankruptcy or other financial reorganisation.

Determining whether evidence of impairment exists requires the exercise of management judgement. It should be noted that the following factors are not, of themselves, evidence of impairment, but may be evidence of impairment when considered with other factors:

- Disappearance of an active market because an entity's financial instruments are no longer publicly traded.
  - A downgrade of an entity's credit rating.
- A decline in the fair value of a financial asset below its cost or amortised cost.



**Business review Capital and risk management****Credit risk: management basis continued**

## Write-offs

Impaired loans and receivables are written-off when there is no longer any realistic prospect of recovery of part, or the entire loan. For loans that are individually assessed for impairment, the timing of write-off is determined on a case-by-case basis. Such loans are reviewed regularly and write-offs may be prompted by bankruptcy, insolvency, forbearance and similar events. For details of the typical time frames, from initial impairment to write off, for collectively assessed portfolios refer to the accounting policies section on 281.

Amounts recovered after a loan has been written-off are credited to the loan impairment charge for the period in which they are received.

## Portfolio overview\*

	Wholesale		Sovereign	Property	Natural resources	Retail and leisure	Other	Total
	Personal	other FIs						
2015	£m	£m	£m	£m	£m	£m	£m	£m
UK	137,294	28,011	45,604	38,907	7,225	14,706	39,623	311,370
RoI (1)	14,347	876	1,610	1,755	458	1,212	2,323	22,581
Other Western Europe	565	28,270	20,437	2,757	2,351	924	6,565	61,869
US	302	8,654	11,292	601	911	776	2,049	24,585
RoW (2)	2,835	7,262	3,722	893	1,405	253	8,600	24,970
Total	155,343	73,073	82,665	44,913	12,350	17,871	59,160	445,375
Flow into forbearance (3)	2,189	125	—	1,475	647	422	1,189	6,047
Forbearance stock (4)	7,765	141	—	2,281	731	619	1,812	13,349
Watch Red	—	21	106	554	415	286	834	2,216
AQ10	6,302	361	1	4,532	324	803	1,946	14,269
Provisions (5)	3,002	73	1	2,282	133	661	987	7,139

	Wholesale		Sovereign	Property	Natural resources	Retail and leisure	Other	Total	Citizens	Total
	Personal	other FIs								
2014	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
UK	129,092	27,559	45,308	44,401	7,824	15,509	40,170	309,863	60	309,923
RoI (1)	16,064	1,399	647	7,571	507	1,913	3,096	31,197	22	31,219
Other Western Europe	738	35,738	6,208	4,287	3,523	1,308	9,964	61,766	99	61,865
US	280	11,692	25,035	921	4,750	1,043	6,701	50,422	63,850	114,272
RoW (2)	2,407	13,287	3,039	1,875	5,685	1,188	17,138	44,619	167	44,786

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Total	148,581	89,675	80,237	59,055	22,289	20,961	77,069	497,867	64,198	562,065
Flow into forbearance (3)	4,274	60	—	5,413	375	981	1,877	12,980	164	13,144
Forbearance stock (4)	8,853	92	—	7,010	547	1,208	3,221	20,931	500	21,431
Watch Red	—	95	127	1,123	563	351	1,170	3,429	554	3,983
AQ10	7,871	637	1	14,704	261	2,313	3,613	29,400	660	30,060
Provisions	4,452	287	9	9,459	150	1,131	2,016	17,504	536	18,040

Notes:

(1) RoI: Republic of Ireland.

(2) Rest of World comprises Asia Pacific, Central and Eastern Europe, the Middle East, Central Asia and Africa, and supranationals such as the World Bank.

(3) Completed during the period.

(4) Forbearance stock: Wholesale forbearance stock represents loans that have been subject to a forbearance event in the two years up to the reported date. Personal forbearance stock is reflective of all forbearance granted up to the reporting date (refer to individual Personal section on page 212 for further details). Overall personal forbearance stock, based on EBA definition is £7.0 billion, the main contributor for the difference being exit criteria after a defined period of satisfactory performance).

(5) Personal provisions include £425 million of provisions against personal customers within Business Banking as well as £391 million of latent provisions, of which £283 million against residential mortgage lending.

\*unaudited

## Business review Capital and risk management

### Credit risk: management basis continued

#### Key points

The following key portfolios are either designated high-oversight sectors under the sector framework or constitute a material proportion of CRAs and are discussed in more detail below.

Commercial Real Estate (CRE) (in Property) - refer to page 204;

Oil & Gas (in Natural Resources) - refer to page 207;

Mining & Metals (in Natural Resources) - refer to page 209;

Automotive - refer to page 210;

Shipping (in Other) - refer to page 211; and

Personal, including mortgages - refer to page 212.

The increase in the Personal portfolio was predominantly driven by activity in the UK and is in line with RBS strategy to expand this portfolio. For further information on Personal refer to page 212. The decrease in the Wholesale portfolio was observed in a majority of sectors reflecting a continued focus on risk reduction and improving overall credit quality. The increase in sovereigns reflected Treasury activity.

For Wholesale, the decreased flow into forbearance during 2015, in comparison to 2014, reflected improving market conditions and a reduction in exit portfolios through RCR's disposal strategy. 41% of the total forbearance granted was related to non-performing loans with a provision coverage of 43% (2014 - 62%).

The number of Watch Red customers continued to decrease during 2015 due to a reduced flow of new cases as well as through customers being taken off Watch as their financial position improved.

The reduction in AQ10 assets during the year was primarily due to RCR, within Capital Resolution, completing its targeted run-down by the end of 2015.

There was a significant amount of credit impairment release during 2015, in particular in RCR, within Capital Resolution, where the favourable environment and efficient deal execution supported the disposal strategy. Improved market appetite and greater liquidity was demonstrated, particularly in Ireland, where assets have been realised more quickly and at better prices, than previously anticipated.

Lower customer defaults within the business and commercial elements resulted in only modest new impairments in the Wholesale portfolio. The majority of provisions in the Wholesale portfolio relate to CRE. For further details on the CRE portfolio refer to page 204.



**Business review Capital and risk management****Credit risk: management basis** continued

## Asset quality\*

Credit grades are assigned at legal entity level for wholesale customers.

All credit grades map to both an RBS-level asset quality scale, used for external financial reporting, and a master grading scale for wholesale exposures, used for internal management reporting across portfolios. Accordingly, measures of risk exposure may be aggregated and reported at differing levels of detail depending on stakeholder or business requirements. Performing loans are defined as AQ1-AQ9 (where the PD is less than 100%) and non-performing loans as AQ10 (where the PD is 100%).

The AQ bands and corresponding probability of default ranges are set out below:

AQ Band	Probability of default	Indicative S&P rating
AQ1	0% - 0.034%	AAA to AA
AQ2	0.034% - 0.048%	AA-
AQ3	0.048% - 0.095%	A+ to A-
AQ4	0.095% - 0.381%	BBB+ to BBB-
AQ5	0.381% - 1.076%	BB+ to BB
AQ6	1.076% - 2.153%	BB to B+
AQ7	2.153% - 6.089%	B+ to B
AQ8	6.089% - 17.222%	B- to CCC+
AQ9	17.222% - 100%	CCC to C
AQ10	100%	D

A breakdown of RBS's asset quality is set out in the chart below:

Note:

Largely comprises assets covered by the standardised approach, for which a probability of default equivalent to (1) those assigned to assets covered by the internal ratings based approach is not available. Standardised exposures sit predominantly within CPB.

\*unaudited

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**Business review Capital and risk management****Credit risk: management basis** continued**Wholesale credit risk management**

This section sets out further detail on RBS's approach to credit risk management for its Wholesale customers. Four formal frameworks are used to manage Wholesale credit concentration risks within RBS's risk appetite. These frameworks are regularly reassessed to ensure they remain appropriate for RBS's varied business franchises, economic and market conditions and to reflect refinements in risk measurement models as well as agreed risk appetite.

A summary of the frameworks is set out below\*

Concentration framework	Single name (SNC)	Sector	Product and asset class	Country
Risk addressed	Outsized loss due to concentration on a single borrower or borrower group.	Concentration in a single sector or across sectors that are susceptible to similar stress events.	Concentration on certain products or asset classes.	Concentration on a particular country.
Basis for classification	Size or LGD - based on net customer exposure for a given probability of default.	Size - based on exposure; and Risk - based on Economic Capital and other qualitative factors.	Size - based on exposure to a product or asset class.	Size - based on exposure to a particular country.
Limit types	Customer exposure and LGD limits relative to PD.	Bank-wide and franchise sector and sub-sector exposure limits.	Bank-wide and franchise product/asset class exposure limits and sub-limits.	Bank-wide country limits.
Controls within the framework	Elevated approval requirements, monitoring and reporting, the requirement for regular reviews and for plans to address any exposures in excess of limit.			
Exposure measure (net/gross)	Both net and gross of "eligible" mitigants. To be eligible under the framework, mitigants must be legally enforceable, structurally effective and of appropriate maturity.	Gross exposure to a sector/sub-sector.	Net/gross - dependent on type of product.	Net of provisions and risk transfer.
Recent developments	The aggregate SNC exposures remain outside RBS's long-term risk appetite. However material reductions were achieved during the year. There was a 40% decrease in the number of SNC	Risk appetite for the Oil & Gas, Retail & Leisure, Automotive and Commercial Real Estate sectors was reduced. This took into account market/economic conditions	Risk appetite limits were reduced taking account of the revised risk appetite associated with the restructured CIB	Risk appetite limits were reduced for exit countries taking account of the revised

excesses during 2015 (15% increase in exposure - however a risk mitigation strategy is in place to reduce this). The top ten SNC excesses comprised 90% of total SNC excesses.

and the successful execution of business. the RCR strategy to reduce exposures to these sectors. risk appetite and international strategy.

\*unaudited

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## Business review Capital and risk management

### Credit risk: management basis continued

#### Risk assessment\*

Before credit facilities are made available to customers a credit assessment is undertaken. The assessment process is the same for all customers. However, in RBS credit risk management is organised in terms of the complexity of the assessment rather than aligned to franchises. Capital Resolution is not managed separately but is shown in tables to aid understanding of the size of the exit portfolio. Credit is only granted to customers following joint approval by an approver from the business and the credit risk function.

These approvers act within a delegated approval authority under the wholesale Credit Authorities Framework (CAF) approved by the Executive Risk Forum.

The level of delegated authority held by approvers is dependent on their experience and expertise. Only a small number of senior executives hold the highest authority provided under the CAF. Both business and credit approvers are accountable for the quality of each decision taken but the credit risk approver holds ultimate sanctioning authority.

In 2015, new Transaction Acceptance Standards (TAS) were introduced to provide more detailed transactional lending and risk acceptance guidelines which are one of the tools to control risk appetite at the customer/transaction level. TAS are supplementary to Credit Policy.

When assessing credit risk the following must be considered at a minimum:

- The amount, terms, tenor, structure, conditions, purpose and appropriateness of all credit facilities;
- Compliance with relevant credit policies and transaction acceptance standards;
- The customer's ability to meet obligations, based on an analysis of financial information;
  - A review of payment and covenant compliance history;

The customer's risk profile, including sector, sensitivity to economic and market developments and management capability;

- Legal capacity of the customer to engage in the transaction;

Credit risk mitigation including requirements for valuation and revaluation. The customer's credit grade and the loss given default estimate for the facilities;

The requirement for the provision of financial information, covenants and/or monitoring formulae to monitor the customer's financial performance;

Refinancing risk - the risk of loss arising from the failure of a customer to settle an obligation on expiry of a facility through the drawdown of another credit facility provided by RBS or by another lender;

- Consideration of other risks such as environmental, social and ethical, regulatory and reputational risks; and

The portfolio impact of the transaction, including the impact on any credit risk concentration limits or agreed business franchise risk appetite.

Where the customer is part of a group, the credit assessment considers aggregated credit risk limits for the customer group as well as the nature of the relationship with the broader group (e.g. parental support) and its impact on credit risk.

At a minimum, credit relationships are reviewed and re-approved annually. The renewal process addresses borrower performance, including reconfirmation or adjustment of risk parameter estimates; the adequacy of security; compliance with terms and conditions; and refinancing risk.

#### Risk mitigation

RBS mitigates credit risk through the use of netting, collateral and market standard documentation, depending on the nature of the counterparty and its assets. The most common types of mitigation are:

· Commercial real estate - Refer to CRE section on page 204.

Other physical assets - Including stock, plant, equipment, machinery, vehicles, ships and aircraft. Such assets are suitable collateral only if RBS can identify, locate, and segregate them from other assets on which it does not have a claim. RBS values physical assets in a variety of ways, depending on the type of asset and may rely on balance sheet valuations in certain cases.

Receivables - These are amounts owed to RBS's counterparties by their own customers. RBS values them after taking into account the quality of its counterparty's receivable management processes and excluding any that are past due.

· Financial collateral - Refer to Counterparty credit risk section on page 193.

All collateral is assessed case by case to ensure that it will retain its value independently of the provider. RBS monitors the value of the collateral and, if there is a shortfall, will seek additional collateral.

\*unaudited

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## Business review Capital and risk management

### Credit risk: management basis continued

*Shipping valuations* - Vessel valuations are performed by RBS-approved brokers. Each broker has a number of vessels to value according to its specific area of expertise. Valuations are undertaken on a desktop basis on a willing buyer/willing seller and charter-free basis. All valuations are in writing, instructed by and addressed to RBS. Valuations are performed on a quarterly basis. From time to time, particularly for facilities showing increased signs of financial stress, a more formal valuation will be obtained.

*Commercial real estate valuations* - RBS has a panel of chartered surveying firms that cover the spectrum of geography and property sectors in which RBS takes collateral. RBS has a programme that identifies suitable valuers for particular assets. They are contracted through a single service agreement to ensure consistency of quality and advice. Valuations are commissioned when an asset is taken as security; a material increase in a facility is requested; or an event of default is anticipated or has occurred. In the UK, RBS also applies an independent third-party market indexation to update external valuations once they are more than a year old.

### Problem debt management

#### *Early problem identification\**

Each segment has defined early warning indicators (EWIs) to identify customers experiencing financial difficulty, and to increase monitoring if needed. EWIs may be internal, such as a customer's bank account activity, or external, such as a publicly-listed customer's share price. If EWIs show a customer is experiencing potential or actual difficulty, or if relationship managers or credit officers identify other signs of financial difficulty they may decide to place the customer on the Watchlist.

RBS has reviewed the Watchlist process and will implement a new Risk of Credit Loss framework in early 2016. This will ensure the problem debt portfolio is managed consistently and efficiently, with added focus on customers whose credit profiles have deteriorated outside original risk appetite.

#### *Watchlist\**

For customers not managed in Capital Resolution, there are three Watch classifications - Amber, Red and Black - reflecting progressively deteriorating conditions.

Watch Amber customers are performing customers who show early signs of potential financial difficulty, or have other characteristics that warrant closer monitoring.

Watch Red customers are performing customers who show signs of declining creditworthiness and so require active management. When a customer is classified as Watch Red, the Restructuring team engaged to consider whether the relationship should be transferred to them. Watch Red customers who continue to be managed outside of restructuring tend to be those requiring specialist subject matter expertise that is only available outside of Restructuring.

The Watch Black portfolio includes AQ10 exposures.

Once on the Watchlist a number of mandatory actions are taken, including a review of the customer's credit grade and facility and security documentation. Depending on the severity of the financial difficulty and the size of the exposure, the customer relationship strategy is reassessed by credit officers, by specialist credit risk or relationship management units in the relevant business or by Restructuring.

In more material cases, a forum of experienced credit, portfolio management and remedial management specialists in either the relevant business or Restructuring may reassess the customer relationship strategy.

Appropriate corrective action is taken when circumstances emerge that may affect the customer's ability to service its debt. Such circumstances include deteriorating trading performance, imminent breach of covenant, challenging macroeconomic conditions, a late payment or the expectation of a missed payment.

Remediation strategies available in the business include granting a customer various types of concessions. Any decision to approve a concession will be a function of specific country and sector appetite, the credit quality of the customer, the market environment and the loan structure and security. For further information, refer to the Wholesale forbearance section below.

Other potential outcomes of the relationship review are to: take the customer off the Watchlist; offer additional lending and continue monitoring; transfer the relationship to Restructuring if appropriate; or exit the relationship altogether.

Customers managed in Capital Resolution are by their nature subject to heightened scrutiny and regular review against specific disposal plans. Capital Resolution customers are separately identified in RBS's internal Watchlist reporting, with their Watchlist classification based on asset quality.

Restructuring\*

The Restructuring team manages customer relationships with RBS's wholesale problem debt portfolio. The factor common to all customers with Restructuring involvement is that RBS's exposure is outside risk appetite. The primary function of Restructuring is to restore customers to an acceptable credit profile, minimise losses to RBS and protect RBS's capital.

Specialists in Restructuring work with customers experiencing financial difficulties, and showing signs of financial stress, with the aim of restoring their business to financial health whenever possible. The objective is to find a mutually acceptable solution, including restructuring of existing facilities, repayment or refinancing if that is the customer's preferred option.

\*unaudited

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## Business review Capital and risk management

### Credit risk: management basis continued

Specialists within Restructuring conduct a detailed assessment of the viability of the business, as well as the ability of management to deal with the causes of financial difficulty, focusing on both financial and operational issues. Following the assessment, options which may include forbearance and/or restructuring of facilities are developed. Credit risk decisions, including reviewing and approving any operational and financial restructuring solutions in relation to these customers, are made by a dedicated Restructuring Credit team, which is part of the credit risk management function.

Where a solvent solution is not possible, insolvency may be considered as a last resort. However, helping the customer return to financial health and restoring a normal banking relationship is always the desired goal.

### Forbearance

Forbearance takes place when a concession is made on the contractual terms of a loan in response to a customer's financial difficulties. Concessions granted where there is no evidence of financial difficulty, or where any changes to terms and conditions are within usual risk appetite (for a new customer), or reflect improving credit market conditions for the customer, are not considered forbearance.

The aim of forbearance is to restore the customer to financial health while minimising risk to RBS. To ensure that forbearance is appropriate for the needs and financial profile of the customer, RBS applies minimum standards when assessing, recording, monitoring and reporting forbearance.

### *Types of wholesale forbearance*

The type of forbearance offered is tailored to the customer's individual circumstances. For wholesale customers forbearance may involve the following types of concessions:

#### Covenant waiver

A recalibration of covenants or a covenant amendment may be used to cure a potential or actual covenant breach. In return for this relief, RBS would seek to obtain a return commensurate with the risk that it is required to take. The increased return for the increased risk can be structured flexibly to take into account the customer's circumstances. For example it may be structured as either increased margin on a cash or payment-in-kind basis, deferred-return instruments or both. While RBS considers these types of concessions qualitatively different from other forms of forbearance, they constitute a significant proportion of wholesale forborne loans and are therefore included in these

disclosures.

#### Amendment to margin

Contractual margin may be amended to bolster the customer's day-to-day liquidity to help sustain its business as a going concern. This would normally be a short-term solution. RBS would seek a return commensurate to the risk that it is required to take.

#### Payment concessions and loan rescheduling (including extensions in contractual maturity)

May be granted to improve the customer's liquidity or on the expectation that the customer's liquidity will recover when market conditions improve. In addition, they may be granted if the customer will benefit from access to alternative sources of liquidity, such as an issue of equity capital. These options have been used in CRE transactions, particularly during periods where a shortage of market liquidity has ruled out immediate refinancing and made short-term collateral sales unattractive.

#### Debt forgiveness/debt for equity swap

May be granted where the customer's business condition or economic environment is such that it cannot meet obligations and where other forms of forbearance are unlikely to succeed. Debt forgiveness can be used for stressed corporate transactions and is typically structured on the basis of projected cash flows from operational activities, rather than underlying tangible asset values. Provided that the underlying business model, strategy and debt level are viable, maintaining the business as a going concern is the preferred option, rather than realising the value of the underlying assets.

Loans may be forbore more than once, generally where a temporary concession has been granted and circumstances warrant another temporary or permanent revision of the loan's terms. All customers are assigned a PD and related facilities an LGD. These are re-assessed prior to finalising any forbearance arrangement in light of the loan's amended terms and any revised grading is incorporated in the calculation of the impairment loss provisions for RBS's wholesale exposures.

The ultimate outcome of a forbearance strategy is unknown at the time of execution. It is highly dependent on the cooperation of the borrower and the continued existence of a viable business. Where forbearance is no longer viable, RBS will consider other options such as the enforcement of security, insolvency proceedings or both. The following are generally considered to be options of last resort:

Enforcement of security or otherwise taking control of assets - Where RBS holds collateral or other security interest and is entitled to enforce its rights, it may enforce its security or otherwise take control of the assets. The preferred strategy is to consider other possible options prior to exercising these rights.

Insolvency - Where there is no suitable forbearance option or the business is no longer sustainable, insolvency will be considered. Insolvency may be the only option that ensures that the assets of the business are properly and efficiently distributed to relevant creditors.





## **Business review Capital and risk management**

### **Credit risk: management basis** continued

Provisions for forborne wholesale loans are assessed in accordance with normal provisioning policies (refer to Impairment loss provision methodology). The customer's financial position and prospects as well as the likely effect of the forbearance, including any concessions granted, are considered in order to establish whether an impairment provision is required.

Wholesale loans granted forbearance are individually assessed in most cases and are not therefore segregated into a separate risk pool.

Forbearance may result in the value of the outstanding debt exceeding the present value of the estimated future cash flows. This may result in the recognition of an impairment loss or a write-off.

For performing loans, credit metrics are an integral part of the latent provision methodology and therefore the impact of covenant concessions will be reflected in the latent provision. For non-performing loans, covenant concessions will be considered in determining the overall provision for these loans.

In the case of non-performing forborne loans, the loan impairment provision assessment almost invariably takes place prior to forbearance being granted. The amount of the loan impairment provision may change once the terms of the forbearance are known, resulting in an additional provision charge or a release of the provision in the period the forbearance is granted.

The transfer of wholesale loans subject to forbearance from impaired to performing status follows assessment by relationship managers and the Restructuring credit risk function. When no further losses are anticipated and the customer is expected to meet the loan's revised terms, any provision is written off and the balance of the loan returned to performing status. This course of action is not dependent on a specified time period and follows the credit risk manager's assessment that it is appropriate.

### Flow into forbearance

The table below shows the value of loans (excluding loans where RBS has initiated recovery procedures) where forbearance was completed during the year, by sector and types. This only includes the forborne facility exposure. No exit criteria are currently applied.

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<i>Wholesale forbearance during the year by sector</i>	2015				2014			
	Performing	Non-performing	Total	Provision coverage	Performing	Non-performing	Total	Provision coverage
				(1)				(1)
	£m	£m	£m	%	£m	£m	£m	%
Property	482	993	1,475	45%	1,051	4,362	5,413	66%
Natural resources of which:								
- Oil & Gas	478	23	501	11%	258	—	258	64%
- Mining & Metals	28	1	29	46%	27	1	28	64%
- Electricity	44	27	71	57%	21	17	38	47%
- Water & Waste	45	1	46	25%	51	—	51	100%
Transport	147	81	228	29%	261	233	494	32%
Retail & Leisure	275	147	422	32%	430	552	982	51%
Services	512	193	705	44%	562	351	913	53%
Other	247	134	381	47%	299	231	530	56%
Total	2,258	1,600	3,858	43%	2,960	5,747	8,707	62%

Note:

- (1) Provision coverage reflects impairment provision as a percentage of non-performing loans.

*Forbearance arrangements*

The table below shows the incidence of the main types of Wholesale renegotiations.

<i>Wholesale renegotiations during the year by type (1,2)</i>	2015	2014
	£m	£m
Payment concessions	2,747	7,014
Non-payment concessions	1,111	1,692
Total	3,858	8,706

Notes:

- (1) Forbearance arrangements in 2014 included £133 million of payment and £177 million of non-payment refinancing concessions respectively; refinancing forbearance arrangements in 2015 totalled nil.

Previously reported forbearance types are classified as non-payment (covenant concessions, release of security) (2) and payment (payment concessions and loan rescheduling, forgiveness of all or part of the outstanding debt, variation in margin, standstill agreements).

## Business review Capital and risk management

### Credit risk: management basis continued

#### Key points

The decrease in completed forbearance during 2015 compared with 2014 was in line both with improving market conditions, the RCR disposal strategy and portfolio reduction strategies. Year-on-year analysis of forborne loans may be skewed by individual material cases during a given year.

Loans totalling £1.7 billion were granted approval for forbearance but had not yet reached legal completion at 31 December 2015 (2014 - £4.3 billion). These exposures are referred to as “in process” and are not included in the tables above. 64% (£1.1 billion) of these “in process” exposures related to non-performing customers, with associated provision coverage of 30%. 36% (£0.6 billion) related to performing loans. The principal types of arrangements offered were payment concessions and loan rescheduling.

Forbearance in the Natural Resources sector cluster showed a material increase over 2015, given the sector’s challenges. (Refer to page 206 for further information).

Forbearance in the Transport sector cluster was historically driven by RCR exposure to the Shipping sector. There have been lower levels of forbearance in the Shipping portfolio in 2015 as a result of the RCR disposal strategy. There was an increase in the volume of Non-RCR Shipping exposures granted forbearance, though these were on average smaller than those granted forbearance in 2014. (Refer to page 211 for further information).

The value of loans forborne during 2014 and 2015 and still outstanding at 31 December 2015 was £5.6 billion (2014 - £12.2 billion), of which £1.7 billion related to arrangements completed during 2014 (2014 - £3.4 billion completed in 2013).

Additional provisions charged in 2015 and relating to loans forborne during 2014 totalled £0.2 billion, predominantly driven by RCR and Restructuring cases. Provision coverage of these loans at 31 December 2015 was 66%.

£0.9 billion of completed forbearance granted during the year related to exposures managed by RCR. RCR uses forbearance as a tool to assist with the orderly realisation of assets.

Non-RCR customers were granted forbearance on loan facilities totalling £3.0 billion, of which £1.3 billion was managed by Restructuring during 2015. This equated to 48% of loans managed by Restructuring (excluding loans to customers where recovery procedures have commenced).

By value, 90% (£1.5 billion) of the performing non-RCR loans granted forbearance in 2014 remained performing at 31 December 2015.

Provisions for the non-performing loans disclosed above are individually assessed and therefore not directly comparable across periods. Provision coverage decreased in 2015, which is reflective of the lower proportion of the forborne portfolio that RCR customers represent compared to the prior year. RCR customers have a higher provision coverage than the non-RCR portfolio given the nature of the RCR strategy.

The data presented in the tables above include loans forborne during 2015 and 2014. Until April 2014 a reporting threshold was in place which ranged from nil to £3 million after which no thresholds were in use. A number of immaterial portfolios have forbearance assessed under a portfolio approach.



**Business review Capital and risk management****Credit risk: management basis** continued**Key credit portfolios**

## Commercial real estate

The CRE sector relates to lending activity for the development of, and investment in, commercial and residential properties.

A dedicated portfolio controls team is responsible for portfolio strategy, credit risk appetite and policies, as well as oversight of valuations and environmental frameworks. The sector is reviewed regularly at senior executive committees. Reviews include portfolio credit quality, capital consumption and control frameworks.

In Commercial Banking, lending applications are reviewed by specialist CRE transactional credit teams, including a dedicated development team. Lending guidelines and policy are informed by lessons learned from the 2008 financial crisis.

New business is monitored and controlled against agreed underwriting standards. Sub-sector and asset class limits are used to restrict exposure to emerging risks when appropriate. This activity is reviewed and monitored on a regular basis.

CRE occupier market fundamentals have improved gradually over the last year as a result of stable economic growth. Areas of weakness remain in secondary, regional retail and provincial office locations but, overall, vacancy rates are declining and rental values are showing signs of growth across a wide range of geographies and sub-sectors. The strongest rental growth to date has been in and around London, but it is now spreading to the wider south-east of England area and key regional centres. Over 2015, CRE investment activity was marginally down on the record levels seen in 2014, despite a very strong start in the first half of the year. There was continued demand from overseas investors who accounted for 50% of the total value of all UK commercial property acquisitions in 2015.

## CRE exposure by geography and investment and development\*

By geography	Investment			Development			Overall total £m
	Commercial £m	Residential £m	Total £m	Commercial £m	Residential £m	Total £m	
2015							
UK	16,620	4,305	20,925	717	3,597	4,314	25,239

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RoI	627	156	783	200	408	608	1,391
Other Western Europe	614	17	631	17	6	23	654
US	263	1	264	—	—	—	264
RoW	59	3	62	8	12	20	82
	18,183	4,482	22,665	942	4,023	4,965	27,630
Of which: Capital Resolution	1,935	102	2,037	268	504	772	2,809
Williams & Glyn	2,100	648	2,748	83	488	571	3,319
2014							
UK	18,038	4,901	22,939	989	4,944	5,933	28,872
RoI	2,150	595	2,745	1,109	2,969	4,078	6,823
Other Western Europe	1,218	50	1,268	190	20	210	1,478
US	404	—	404	—	59	59	463
RoW	414	26	440	34	191	225	665
Total excluding Citizens	22,224	5,572	27,796	2,322	8,183	10,505	38,301
Citizens	3,658	1,358	5,016	—	—	—	5,016
Total	25,882	6,930	32,812	2,322	8,183	10,505	43,317
Of which: Williams & Glyn	2,194	735	2,929	29	386	415	3,344

Note:

(1) Geography splits are based on country of collateral risk.

Key points

Overall gross CRE lending fell due to asset sales, repayments and write-offs.

Further divestments of Williams & Glyn (£3.3 billion) and Capital Resolution (£2.8 billion) will leave the CRE portfolio concentrated in the UK and Ireland.

Commercial Banking manages the majority (£18.1 billion) of the remaining CRE portfolio. The Commercial Banking portfolio shape and size remained broadly stable during 2015, with significant exposure (£12.2 billion) in the commercial investment sub-sector.

\*unaudited

**Business review Capital and risk management****Credit risk: management basis** continued

## CRE exposure by LTV band\*

The table below provides a breakdown of the CRE portfolio by LTV band, along with provision coverage.

Loan-to-value ratio	2015			2014		
	Performing £m	Non- performing £m	Total £m	Performing £m	Non- performing £m	Total £m
<= 50%	11,549	126	11,675	9,497	263	9,760
> 50% and <= 70%	6,973	190	7,163	7,299	469	7,768
> 70% and <= 90%	1,237	647	1,884	1,748	947	2,695
> 90% and <= 100%	210	291	501	335	250	585
> 100% and <= 110%	187	121	308	182	360	542
> 110% and <= 130%	261	222	483	362	639	1,001
> 130% and <= 150%	62	127	189	120	532	652
> 150%	386	707	1,093	367	4,655	5,022
Total with LTVs	20,865	2,431	23,296	19,910	8,115	28,025
Minimal security (1)	6	156	162	33	3,206	3,239
Other	2,847	1,325	4,172	4,569	2,468	7,037
Total	23,718	3,912	27,630	24,512	13,789	38,301
Total portfolio average LTV (2)	54%	177%	66%	56%	291%	123%

## Notes:

Total portfolio average LTV is quoted net of loans with minimal security given that the anticipated recovery rate is (1) less than 10%. Provisions are marked against these loans where required to reflect the relevant asset quality and recovery profile.

(2) Weighted average by exposure.

## Key points

The LTVs in the table above continued to be affected by the legacy portfolio. Loans originated during 2015 are considered in line with current market terms in relation to LTV and ICR.

The proportion of the book with LTV higher than 75% reduced year on year, due to maintained underwriting standards applied on new lending and ongoing improvements in the economy.

Exposures with LTVs greater than 100% are predominantly legacy deals.



Accelerated divestment of legacy exits assets has reduced the amount of non-performing exposure with minimal security.

The remaining non-performing exposure with minimal security has a 94% provision coverage in place. Total individual provisions for the non-performing CRE book are £1.5 billion and collective provisions of £0.4 billion, which equates to a provision coverage of 50%.

The exposure in Other relates predominantly to lending to large corporate entities. It is not asset-backed but secured against corporate balance sheets.

The weighted average maturity profile for Commercial Banking was three years and two months, which has remained broadly unchanged since 2014.

\*unaudited

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**Business review Capital and risk management****Credit risk: management basis** continued

## Asset quality\*

## Key point\*

Accelerated divestments in Capital Resolution have contributed significantly to the improvement in portfolio quality during the year. £21.1 billion of the portfolio was AQ6 (B+) or better, reflecting maintained underwriting standards and improved economic conditions in the markets in which RBS operates.

## Natural Resources\*

RBS's exposure to Natural Resources in terms of CRA and TCE (total exposure including committed but undrawn facilities), is set out below.

	2015			2014		
	CRA £m	Of which: Capital Resolution £m	Total exposure £m	Of which: Capital Resolution £m	CRA £m	Total exposure £m
Oil & Gas	3,533	1,618	6,609	2,122	9,421	22,014
Mining & Metals	1,134	617	2,105	741	2,660	4,696
Electricity	2,848	1,245	7,454	1,947	4,927	16,212
Water & Waste	4,835	3,012	5,948	3,061	5,281	6,718
Natural Resources	12,350	6,492	22,116	7,871	22,289	49,640
Commodity Traders	749	337	1,117	337	1,968	2,790
<i>Of which included in: Natural Resources</i>	<i>548</i>	<i>218</i>	<i>772</i>	<i>218</i>	<i>1,140</i>	<i>1,596</i>

## Key points

Oil & Gas: CRA and TCE decreased significantly during 2015. This reflected proactive credit management, continued loan sales and run-off across the CIB portfolio in Asia-Pacific and the US.

Mining & Metals: the reduction in CRA and TCE during 2015 reflected proactive credit management of more vulnerable sub-sectors. The majority of the exposure is to large international customers and matures within five years.

Commodity Traders: CRA and TCE more than halved during 2015. The remaining exposure is mainly to the largest and most dominant traders in physical commodities

\*unaudited

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**Business review Capital and risk management****Credit risk: management basis** continued**Oil & Gas\***

Asset quality

Note:

Largely comprises assets covered by the standardised approach, for which a probability of default equivalent to (1) those assigned to assets covered by the internal ratings based approach is not available. Standardised exposures sit predominantly within CPB.

The tables below provide a breakdown of Oil & Gas sector exposure (including committed but undrawn exposure) split by sub-sector and geography. The analysis is based on RBS's sector concentration framework.

	UK	Other Western		US	RoW (1)	Total
	£m	£m	£m	£m	£m	£m
2015						
Producers (incl. integrated oil companies)	992	84	773	329	354	2,532
Oilfield service providers	589	1	782	240	251	1,863
Other wholesale and trading activities	326	77	516	68	377	1,364
Refineries	26	2	1	372	25	426
Pipelines	98	—	303	17	6	424
	2,031	164	2,375	1,026	1,013	6,609

Including committed undrawn exposures

*of which: exploration and production* 310 — 38 119 146 613

2014

Producers (incl. integrated oil companies)	1,139	114	1,137	4,996	1,309	8,695
Oilfield service providers	438	4	693	1,086	1,406	3,627
Other wholesale and trading activities	489	135	798	685	1,040	3,147
Refineries	50	24	154	2,720	806	3,754
Pipelines	118	—	50	2,420	203	2,791
	2,234	277	2,832	11,907	4,764	22,014

Including committed undrawn exposures

*of which: exploration and production* 145 — 3 3,118 302 3,568

Note:

(1) Rest of World comprises Asia Pacific, Central and Eastern Europe, the Middle East, Central Asia and Africa

\*unaudited

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## Business review Capital and risk management

### Credit risk: management basis continued

#### Key points

Oil prices fell materially during 2015 reaching a 12-year low by 31 December 2015. Market expectations are for oil prices to continue to be weak in the short to medium-term as a result of global oversupply due to OPEC maintaining a high production strategy.

During 2015, RBS carried out in-depth analysis, stress testing and contagion risk analysis on the Oil & Gas sector. Proactive credit stewardship, together with disposals in the US and Asia-Pacific, reduced the portfolio to £3.5 billion (2014 - £9.4 billion) on a CRA basis, of which £1.6 billion was in Capital Resolution at 31 December 2015. Oil & Gas represented 0.8% of the Wholesale portfolio, excluding Capital Resolution.

The portfolio management strategy during the year was to focus the portfolio towards investment grade customers with robust credit profiles and strong liquidity to manage through the extended downturn. At 31 December 2015, 65% (2014 - 75%) of the portfolio exposure was investment grade (AQ1-AQ4 or equivalent to BBB- and above). The decrease was mainly due to disposals in the US and Asia-Pacific.

The sub-sector in which a customer operates is a primary consideration for assessing credit risk. Customers involved in exploration and production (E&P) are most immediately exposed to the oil price decline. Companies involved in this area have already introduced capital spending reductions to conserve cash. In turn, this reduced spending is likely to have an adverse impact on oilfield service providers. This is due to the E&P companies buying fewer products and services from the oilfield service providers, and demanding lower prices for those they do purchase.

The other principal components of exposure to producers are Integrated Oil Companies (IOCs) and National Oil Companies (NOCs). IOCs and NOCs are less vulnerable to the oil price decline due to scale, diversification and, in the case of NOCs, explicit support from governments.

Committed lending exposure included legal commitments to syndicated bank facilities with tenors up to five years. These committed facilities are for general corporate purposes - including funding operating needs and capital expenditures - and are available as long as counterparties comply with the terms of the credit agreement. Contingent obligations relate to guarantees, letters of credit and suretyships provided to customers. RBS had no high-yield bond or loan underwriting positions at 31 December 2015 (2014 - US\$86 million high-yield loan underwritings in the Americas).

There was an increase in the number of forbearance events, predominantly involving the relaxation of financial covenants to give customers more financial flexibility. Most forbearance involved customers in the E&P and oilfield services sub-sectors where earnings have been more immediately and materially affected by the downturn.

The number and value of cases on Watch in the Oil & Gas sector increased during the year. However these related predominantly to Watch Amber classifications as the sector continues to be monitored closely.

At 31 December 2015, Watch Red exposures outside Capital Resolution totalled £93 million (2014 - £54 million) on a CRA basis.

The increase in AQ10 reflected changing market conditions which resulted in a limited number of customers experiencing financial stress during the year. AQ10 assets at 31 December 2015 totalled £138 million.

\*unaudited

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**Business review Capital and risk management****Credit risk: management basis** continued**Mining & Metals\***

Asset quality

Note:

Largely comprises assets covered by the standardised approach, for which a probability of default equivalent to (1) those assigned to assets covered by the internal ratings based approach is not available. Standardised exposures sit predominantly within CPB.

The tables below provide a breakdown of Mining & Metals sector exposure (including committed but undrawn exposure) split by sub-sector and geography. The analysis is based on RBS's sector concentration framework.

	UK	Other Western	Europe	US	RoW (1)	Total
	£m	£m	£m	£m	£m	£m
2015						
Mining	259	—	59	138	395	851
Metals - production	158	4	411	13	55	641
- wholesale	167	3	289	125	29	613
	584	7	759	276	479	2,105
2014						
Mining	386	—	86	703	611	1,786
Metals - production	179	6	513	350	642	1,690
- wholesale	183	4	598	237	198	1,220
	748	10	1,197	1,290	1,451	4,696

Note:

(1) Rest of World comprises Asia Pacific, Central and Eastern Europe, the Middle East, Central Asia and Africa

Key points

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Mining & Metals has been reclassified as a high-oversight sector due to rising concerns over the economic slowdown in China.

Mining & Metals represented 0.4% of the Wholesale portfolio, excluding Capital Resolution.

RBS's exposure to this sector significantly decreased in 2015 primarily due to proactive credit management and reductions in sub-sectors considered the most vulnerable during the downward phase of this cycle as well as strategic disposals.

The asset quality of the portfolio remained strong and 63% (2014 - 60%) of the portfolio was investment grade at 31 December 2015. This was the result of management strategy weighted towards market leaders in this sector. The bulk of the exposure was to large international customers.

The slight increase in AQ10 reflected challenging market conditions. AQ10 assets at 31 December 2015 totalled £48 million.

\*unaudited

**Business review Capital and risk management****Credit risk: management basis** continued**Transport\***

	2015			2014		
	CRA	Of which: Capital Resolution	Total exposure	Of which: Capital Resolution	CRA	Total exposure
	£m	£m	£m	£m	£m	£m
Automotive	5,625	240	9,071	247	5,868	10,082
Shipping	7,140	6,563	7,688	6,722	10,087	10,710
Other	7,965	2,770	11,288	3,312	11,213	16,578
Transport	20,730	9,573	28,047	10,281	27,168	37,370

**Automotive**

## Asset quality

## Note:

Largely comprises assets covered by the standardised approach, for which a probability of default equivalent to (1) those assigned to assets covered by the internal ratings based approach is not available. Standardised exposures sit predominantly within CPB.

## Key points

The global automotive market has shown good levels of growth over the last few years. However, the underlying analysis is somewhat mixed with declines in Latin America and a slow growth trend in China offset by an increase in the US and Western Europe.

Automotive represented 2.4% of the Wholesale portfolio excluding Capital Resolution.

The portfolio showed robust credit quality with strong returns and below-average risk with no material changes in risk metrics during the year.

The Automotive sector was reclassified as high-oversight to allow assessment of contagion risk following the United States Environmental Protection Agency statement on emissions irregularities in the third quarter of 2015. RBS carried out a detailed stress test and an extreme global downturn stress scenario. The results of these tests showed that the credit quality of the portfolio would not be materially affected.

The portfolio management strategy was focused on supporting counterparties with robust investment grade ratings. The majority of the portfolio comprised UK dealerships and Lombard asset finance facilities together with some international exposures.

The decrease in AQ10 was predominantly driven by proactive credit management and the run-off of RCR. AQ10 assets at 31 December 2015 totalled £86 million.

\*unaudited

## Business review Capital and risk management

### Credit risk: management basis continued

#### Shipping\* Asset quality

#### Note:

Largely comprises assets covered by the standardised approach, for which a probability of default equivalent to (1) those assigned to assets covered by the internal ratings based approach is not available. Standardised exposures sit predominantly within CPB.

#### Key points

Shipping exposure was £7.1 billion (2014 - £10.1 billion) at 31 December 2015. £5.9 billion (2014 - £7.9 billion) related to asset-backed ocean-going vessels. As the majority of the Shipping exposure is within Capital Resolution, portfolio metrics quoted below are for Capital Resolution only. The TCE decrease during 2015 reflected scheduled loan repayments, secondary sales and corrections to minimum security covenants and prepayments.

Sector concentration risks were in the Dry Bulk sub-sector which represented 37% of exposure (2014 - 38%); Tankers at 23% (2014 - 29%) and Containers at 21% (2014 - 17%). The remaining exposures comprised gas (including liquid petroleum and natural gases), 14% (2014 - 10%) and others 5% (2014 - 6%).

Conditions remained severely depressed in the Dry Bulk sub-sector during 2015, with the Baltic Dry Index falling to a 35-year low as a result of vessel oversupply and a greater-than-expected slowdown in commodity demand from China. Tanker market conditions were favourable and container markets stabilised over the year but remained weak in comparison to historic averages. Most of the RBS portfolio in container ships was insulated by long-term charters, providing more stable long-term fixed cash flows.

At 31 December 2015, Watch Red exposures (excluding RCR) totalled £60.3 million (2014 - £6.6 million).

The majority of ship-secured exposure was extended against modern vessels with a low average age of approximately seven years (2014 - 6.4 years). Less than 3% of the total Capital Resolution portfolio is secured by vessels that are more than 15 years old and around 85% (2014 - 87%) was secured by vessels built in the last ten years. Due to strategic considerations, RBS is providing finance on a selective basis against delivered or second-hand vessels and generally at low leverage levels.

A key protection for RBS was the minimum security covenant. The overall portfolio LTV at 31 December 2015 was 84% (2014 - 77%) reflecting the severe downturn being seen in the Dry Bulk sector. Amortisation across the portfolio was approximately 7% per annum excluding early repayments.

Asset values fall as markets deteriorate and rise as they improve. Therefore, even if exposure falls, the overall LTV position may rise or fall depending on the underlying value of the vessels. The Dry Bulk sub-sector saw asset value reductions of around 40-50% in 2015 (15-20% in 2014), with 15-20% falls in Q4 2015 alone. This led to a rise in the

average LTV. In the Tankers sub-sector, LTVs showed the opposite - a lower leverage due to the stronger market conditions in that sector and amortisation.

The reduction in AQ10 assets during 2015 was predominantly due to RCR, within Capital Resolution, completing its targeted run-down by the end of 2015. AQ10 assets at 31 December 2015 totalled £362 million with provisions of £135 million.

\*unaudited

## Business review Capital and risk management

### Credit risk: management basis continued

#### Personal credit risk management

This section sets out further detail on RBS's approach to credit risk management for its personal customers.

#### Risk appetite\*

RBS uses a credit risk appetite framework to control credit risk for its personal businesses. The framework sets limits that measure and control, for each relevant franchise or reportable segment, the quality of both existing and new business. The actual performance of each portfolio is tracked relative to these limits and action taken where necessary. These limits apply to a range of credit risk-related measures including expected loss of the portfolio, the expected loss in a given stress scenario, projected credit default rates and the LTV of personal mortgage portfolios.

#### Personal credit risk assessment\*

Personal lending entails making a large number of small-value loans. To ensure that these lending decisions are made consistently, RBS analyses credit information, including the historical debt servicing behaviour of customers with respect to both RBS and their other lenders. RBS then sets its lending rules accordingly, developing different rules for different products. The process is then largely automated, with customers receiving a credit score that reflects a comparison of their credit profile with the rule set. However, for relatively high-value, complex personal loans, including some residential mortgage lending, specialist credit managers make the final lending decisions.

#### Personal risk mitigation\*

RBS takes collateral in the form of residential property to mitigate the credit risk arising from mortgages and home equity lending. RBS values residential property during the loan underwriting process by either appraising properties individually or valuing them collectively using statistically valid models. RBS updates residential property values quarterly using the relevant residential property index, namely:

<i>Region</i>	<i>Index used</i>
UK	Halifax quarterly regional house price index
Northern Ireland	Office for National Statistics house price index
RoI	Central Statistics Office residential property price index

#### Problem debt management\*

Personal customers in financial difficulty are managed through either collections or recoveries functions. Further details of these are set out below:

### Collections\*

Collections functions in each of RBS's personal businesses provide support to customers who cannot meet their obligations to RBS. Such customers may miss a payment on their loan, borrow more than their agreed limit, or ask for help. Dedicated support teams are also in place to identify and help customers who have not yet missed a payment but may be facing financial difficulty. The collections function uses a range of tools to initiate contact with such customers, establish the cause of their financial difficulty and support them where possible.

In the process, they may consider granting the customer forbearance.

Additionally, in the UK and Ireland support is provided to customers with unsecured loans who establish a repayment plan with RBS through a debt advice agency or a self-help tool. Such "breathing space" suspends collections activity for a 30-day period to allow time for the repayment plan to be put in place. Arrears continue to accrue for customer loans granted breathing space.

If collections strategies are unsuccessful the relationship is transferred to the recoveries team.

### Forbearance

Forbearance takes place when a concession is made on the contractual terms of a loan in response to a customer's financial difficulties.

Customers who contact RBS directly because of financial difficulties, or who are already in payment arrears, may be granted forbearance. In the course of assisting customers, more than one forbearance treatment may be granted.

The type of forbearance granted will differ based upon an assessment of the customer's circumstances. Forbearance is granted principally to customers with mortgages and less frequently to customers with unsecured loans.

Forbearance options include, but are not limited to:

Payment concessions - A temporary reduction in, or elimination of, the periodic (usually monthly) loan repayment is agreed with the customer. At the end of the concessionary period, forborne principal and accrued interest outstanding is scheduled for repayment over an agreed period. Ulster Bank RoI also offers payment concessions in the form of discounted interest rates that involve the forgiveness of some interest.

Capitalisation of arrears - The customer repays the arrears over the remaining term of the mortgage and returns to an up-to-date position.

Term extensions - The maturity date of the loan is extended.

Interest only conversions - The loan converts from principal and interest repayment to interest only repayment on a permanent or, in Ulster Bank RoI only, temporary basis. UK Personal, interest only conversions have not been used to support customers in financial difficulty since 2009.

Types of forbearance offered in the unsecured portfolios vary by reportable segment.

*Monitoring of forbearance* - The granting of forbearance will only change the delinquency status of the loan in exceptional circumstances, which can include capitalisation of principal and interest in arrears, where the loan may be returned to the performing book if it remains up to date for the duration of the probation period and is deemed likely to continue to do so.

Additionally for some forbearance types a loan may be transferred to the performing book if a customer makes payments that reduce loan arrears below 90 days (Ulster Bank RoI, PBB collections function).

\*unaudited



**Business review Capital and risk management**

**Credit risk: management basis** continued

*Impairments for forbearance* Methodology used for provisioning and impairments for forborne loans will differ depending on whether the loans are performing or non-performing and which business is managing them due to local market conditions. The type of provisioning methodology used and specific factors considered for forborne loans is summarised below:

	Performing forborne loans - Latent calculation <sup>(1)</sup> Difference in PD/LGD used for forborne population	Non-performing forborne loans Treatment Difference in LGD used for forborne population
	<ul style="list-style-type: none"> <li>Forborne loans form a separate risk pool for 24 months.</li> </ul>	
UK PBB (excl Northern Ireland) and W&G	<ul style="list-style-type: none"> <li>Calculation uses the higher of the observed (forborne and total population) default rates, or PD.</li> <li>An extended emergence period is incorporated for forborne loans.</li> <li>The PD model used in latent provision calculations is calibrated separately for forborne loans, using information on the historic performance of loans subject to similar arrangements.</li> </ul>	<ul style="list-style-type: none"> <li>No difference in treatment for Collective non-forborne loans, LGD models unaffected by forbearance.</li> </ul>
Northern Ireland	<ul style="list-style-type: none"> <li>An extended emergence period is incorporated for forborne loans.</li> <li>Forborne loans and previous forborne loans form a separate risk pool taking into account the term of the forbearance treatment and applicable post-probationary periods.</li> </ul>	<ul style="list-style-type: none"> <li>No difference in treatment for Collective non-forborne loans. LGD models unaffected by forbearance.</li> </ul>
Ulster Bank ROI	<ul style="list-style-type: none"> <li>The PD model used in latent provision calculations is calibrated separately for forborne loans, using information on the historic performance of loans subject to similar arrangements.</li> <li>An extended emergence period is incorporated for forborne loans.</li> </ul>	<ul style="list-style-type: none"> <li>Forborne (and previously forborne) loans form a separate risk pool where specific LGDs are allocated using observed performance of these loans.</li> </ul>
Private Banking	<ul style="list-style-type: none"> <li>An extended emergence period is incorporated for forborne loans.</li> </ul>	<ul style="list-style-type: none"> <li>No difference in treatment for Individual non-forborne loans, LGD models unaffected by forbearance.</li> </ul>
RBSI		<ul style="list-style-type: none"> <li>Individual</li> </ul>

- An extended emergence period may be incorporated for forbore loans via management overlay (reviewed regularly in line with market conditions).
- No difference in treatment non-forborne loans, LGD models unaffected by forbearance.

Note:

Once such loans are no longer separately identified, the use of account level PDs, refreshed monthly in the latent (1) provision methodology, captures the underlying credit risk without a material time lag. There is no reassessment of the PD at the time forbearance is granted but the loan is subject to the latent provisioning described above.

**Business review Capital and risk management****Credit risk: management basis continued**

## Recoveries\*

Once a loan has been identified as impaired it is managed by recoveries teams in the relevant businesses. The teams seek to minimise RBS's loss by maximising cash recovery while treating customers fairly.

Where an acceptable repayment arrangement cannot be agreed with the customer litigation may be considered. In the UK and Northern Ireland, no repossession procedures are initiated until at least six months following the emergence of arrears (in the Republic of Ireland, regulations prohibit taking legal action for an extended period). Additionally, certain forbearance options are made available to customers managed by the recoveries function.

Personal portfolio overview: Personal credit risk	2015					
	PBB £m	Bank RoI £m	Banking £m	RBSI £m	W&G £m	Total £m
Mortgages	104,777	13,770	6,565	2,541	10,455	138,108
Of which:						
Interest only variable rate*	13,324	622	3,370	742	1,400	19,458
Interest only fixed rate*	9,117	11	2,089	49	1,077	12,343
Mixed (capital and interest only)*	5,397	86	7	29	748	6,267
Buy-to-let*	14,120	2,005	476	837	1,153	18,591
Forbearance stock: arrears status	3,621	3,515	64	44	521	7,765
Current	3,095	2,143	64	31	438	5,771
1-3 months in arrears	275	653	—	6	46	980
> 3 months in arrears	251	719	—	7	37	1,014
Provisions	180	1,062	4	18	26	1,290
REIL	878	2,550	19	63	123	3,633
Other lending	10,022	280	3,474	63	1,087	14,926
Total lending	114,799	14,050	10,039	2,604	11,542	153,034
Mortgage LTV ratios						
- Total portfolio	56%	83%	54%	57%	54%	59%
- New business	69%	77%	57%	66%	68%	68%
- Performing	56%	80%	54%	57%	54%	58%
- Non-performing	63%	106%	92%	96%	60%	83%

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Mortgage LTV distribution

	50%	70%	90%	100%	110%	130%		Total with			
LTV ratio value	<=50%	<=70%	<=90%	<=100%	<=110%	<=130%	<=150%	>150%	LTVs	Other	Total
2015	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
UK PBB	38,932	39,378	22,842	2,749	291	195	103	24	104,514	263	104,777
<i>Performing</i>	38,447	38,662	22,372	2,650	256	175	91	18	102,671	251	102,922
<i>Non-performing</i>	485	716	470	99	35	20	12	6	1,843	12	1,855
Ulster RoI	2,549	2,395	2,816	1,279	1,258	2,302	891	280	13,770	—	13,770
<i>Performing</i>	2,382	2,220	2,580	1,126	1,082	1,899	558	92	11,939	—	11,939
<i>Non-performing</i>	167	175	236	153	176	403	333	188	1,831	—	1,831
Private Banking	2,435	2,847	857	40	17	3	12	21	6,232	333	6,565
<i>Performing</i>	2,432	2,846	854	31	15	1	12	20	6,211	333	6,544
<i>Non-performing</i>	3	1	3	9	2	2	—	1	21	—	21
RBSI	992	885	536	46	29	25	4	24	2,541	—	2,541
<i>Performing</i>	987	873	530	41	27	20	3	16	2,497	—	2,497
<i>Non-performing</i>	5	12	6	5	2	5	1	8	44	—	44
W&G	4,185	3,840	1,925	186	13	2	—	—	10,151	304	10,455
<i>Performing</i>	4,114	3,740	1,865	174	11	1	—	—	9,905	297	10,202
<i>Non-performing</i>	71	100	60	12	2	1	—	—	246	7	253

\*unaudited

**Business review Capital and risk management****Credit risk: management basis continued 2014**

	UK PBB £m	Ulster Bank £m	Private RoI Banking £m	RBSI £m	W&G £m	Total excluding Citizens £m	Citizens £m	Total £m
Mortgages	95,549	15,272	6,414	2,475	9,920	129,630	21,122	150,752
Of which:								
Interest only variable rate*	14,272	795	3,952	858	1,336	21,213	9,637	30,850
Interest only fixed rate*	8,193	8	1,520	27	946	10,694	292	10,986
Mixed (capital and interest only)*	6,163	120	—	—	741	7,024	788	7,812
Buy-to-let*	11,005	1,902	538	850	786	15,081	147	15,228
Forbearance stock: arrears status	4,350	3,857	51	49	546	8,853	409	9,262
Current	3,717	2,215	51	40	457	6,480	310	6,790
1-3 months in arrears	318	686	—	3	49	1,056	34	1,090
> 3 months in arrears	315	956	—	6	40	1,317	65	1,382
Provisions	216	1,378	7	20	36	1,657	146	1,803
REIL	1,144	3,270	22	73	166	4,675	949	5,624
Other lending	11,309	329	5,108	78	1,288	18,112	10,924	29,036
Total lending	106,858	15,601	11,522	2,553	11,208	147,742	32,046	179,788
Mortgage LTV ratios								
- Total portfolio	58%	93%	51%	51%	56%	61%	67%	62%
- New business	71%	77%	45%	56%	70%	68%	68%	68%
- Performing	58%	89%	51%	51%	56%	60%	67%	61%
- Non-performing	69%	115%	79%	81%	67%	93%	73%	91%

**Mortgage LTV distribution**

	50%	70%	90%	100%	110%	130%	Total with				
LTV ratio value	<=50%	<=70%	<=90%	<=100%	<=110%	<=130%	<=150%	>150%	LTVs	Other	Total
2014	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
UK PBB	32,551	36,142	22,883	3,056	907	370	155	106	96,170	(621)	95,549
Performing	32,163	35,436	22,247	2,885	832	322	143	88	94,116	(617)	93,499
Non-performing	388	706	636	171	75	48	12	18	2,054	(4)	2,050
Ulster RoI	2,331	2,135	2,650	1,309	1,336	2,688	1,973	850	15,272	—	15,272
Performing	2,152	1,942	2,385	1,143	1,144	2,196	1,437	393	12,792	—	12,792
Non-performing	179	193	265	166	192	492	536	457	2,480	—	2,480
Private Banking	2,768	2,684	745	43	29	10	4	16	6,299	115	6,414
Performing	2,762	2,680	734	38	27	10	4	14	6,269	115	6,384
Non-performing	6	4	11	5	2	-	-	2	30	-	30

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RBSI	737	999	658	30	9	14	9	9	2,465	10	2,475
<i>Performing</i>	729	989	645	26	6	5	8	8	2,416	9	2,425
<i>Non-performing</i>	8	10	13	4	3	9	1	1	49	1	50
W&G	3,155	3,381	1,963	240	46	8	—	—	8,793	1,127	9,920
<i>Performing</i>	3,104	3,293	1,883	215	37	7	—	—	8,539	1,094	9,633
<i>Non-performing</i>	51	88	80	25	9	1	—	—	254	33	287

\*unaudited

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## Business review Capital and risk management

### Credit risk: management basis continued

#### UK PBB\*

##### Personal credit risk

##### Key credit portfolios

The UK PBB personal mortgage portfolio increased by 10% to £104.8 billion. £90.7 billion (2014 - £84.5 billion) was owner-occupied and £14.1 billion (2014 - £11 billion) was buy-to-let. Of the total portfolio approximately £26 billion related to properties in the south east of England, while £20 billion related to properties in Greater London.

Gross new mortgage lending amounted to £22.7 billion in 2015. Lending to owner-occupiers during this period was £18.9 billion (2014 - £15.5 billion) and had an average LTV by weighted value of 71% (2014 - 72%). Buy-to-let lending was £3.8 billion (2014 - £2.9 billion) with an average LTV by weighted value of 64% (2014 - 64%).

Based on the Halifax House Price Index at September 2015, the portfolio average indexed LTV by volume was 49% (2014 - 51%) and 56% by weighted value of debt outstanding (2014 - 58%). This excludes £2 billion of mortgages granted by Ulster Bank Northern Ireland which are indexed against the house price index published by the Office of National Statistics.

Of the total mortgage portfolio, approximately 60% (£63 billion) were fixed interest rate products of varying time durations with 2% (£2 billion) a combination of fixed and variable rates and the remainder variable rate. Approximately 15% (£13 billion) of owner-occupied mortgages were on interest-only terms with a bullet repayment and 6% (£5 billion) were on a combination of interest-only and capital and interest. The remainder were capital and interest. 65% (£9 billion) of the buy-to-let mortgages were on interest-only terms and 3% (£0.4 billion) on a combination of interest only and capital and interest.

The arrears rate fell from 1.0% in December 2014 to 0.8% at the end of 2015. This reflected the growth in the mortgage portfolio, the stable UK economy and underlying asset quality.

The flow of new forbearance was £273 million in the second half of 2015 compared with £367.5 million in the second half of 2014. The value of mortgages subject to forbearance has decreased by 16.8% since the previous year end to £3.6 billion (equivalent to 3.5% of the total mortgage book) as a result of improved market conditions and methodology changes.

The majority (93%) of UK PBB forbearance is permanent in nature (term extensions, capitalisation of arrears, historic conversions to interest only). Temporary forbearance comprises payment concessions such as reduced or deferred payments with such arrangements typically agreed for a period of three to six months.

The impairment charge for mortgage loans remained low at £2.8 million in 2015 reflecting continuing house price increases and is stable when compared to the net release of impairment provision of £29.5 million in 2014.

A summary of the maturity profile for bullet principal repayment interest only mortgages (excluding mixed repayment mortgages) is set out below:\*

The table below shows interest only mortgage portfolios (excluding mixed repayment mortgages) by type and by contractual year of maturity.

	2016 (1)	2017-18	2019-23	2024-28	2029-33	2034-43	After 2043	Total
2015	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment (2)	465	1,039	3,426	5,018	6,387	5,753	349	22,437
Conversion to amortising (2,3)	4	—	—	—	—	—	—	4
Total	469	1,039	3,426	5,018	6,387	5,753	349	22,441

	2015 (3)	2016-17	2018-22	2023-27	2028-32	2033-42	After 2042	Total
2014	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment (2)	475	1,007	3,520	4,825	6,474	5,855	294	22,450
Conversion to amortising (2,3)	14	1	—	—	—	—	—	15
Total	489	1,008	3,520	4,825	6,474	5,855	294	22,465

Notes:

(1) 2016 includes pre-2016 maturity exposure.

(2) Includes £1.5 billion (2014 - £1.6 billion) of repayment mortgages that have been granted interest only concessions (forbearance).

(3) 2015 includes pre-2015 maturity exposure.

\*unaudited



**Business review Capital and risk management****Credit risk: management basis continued****Ulster Bank RoI\***

## Overview

Ulster Bank RoI's residential mortgage portfolio totalled £13.8 billion at 31 December 2015. Excluding the impact of exchange rate movements, the portfolio decreased by 4.4% from 31 December 2014 as a result of amortisation - a portion of which related to the variable rate mortgage portfolio and the sale of a £0.3 billion buy-to-let mortgage portfolio. The volume of new business has increased reflecting continuing market demand.

Gross new mortgage lending amounted to £522 million in 2015. Lending to owner-occupiers during this period was £511 million (2014 - £392 million) and had an average LTV by weighted value of 77% (2014 - 76%). Buy-to-let lending was £10 million (2014 - £10 million) with an average LTV by weighted value of 66% (2014 - 73%).

The interest-rate product mix was approximately 87% (£12.0 billion) of the mortgage portfolio on variable-rate products and 13% (£1.7 billion) on fixed rate.

The portfolio average indexed LTV decreased from 93% at 31 December 2014 to 83% at 31 December 2015 as a result of improved market conditions and the sale of a buy-to-let mortgage portfolio.

At 31 December 2015, 26% of total mortgage assets (£3.5 billion) were subject to a forbearance arrangement, a decrease of 9% (£0.3 billion) from 31 December 2014. Excluding the impact of exchange rate movements, the value of mortgage assets subject to a forbearance arrangement has decreased by £131 million (3.3%).

The number of customers approaching Ulster Bank RoI for the first time in respect of forbearance assistance declined through 2015.

A total of 59% (£2.1 billion) of forborne loans were subject to a long term arrangement (capitalisations, term extensions, economic concessions) at 31 December 2015 (2014 - 51%, £2.0 billion). Short term forbearance comprises payment concessions, amortising payments of outstanding balances, payment holidays and temporary interest only arrangements.

The impairment release was driven by a decrease in defaulted assets leading to reduced loss expectations.

Ulster Bank RoI stopped offering interest only loans as a standard mortgage offering for new lending in the Republic of Ireland in 2010. Interest only mortgages are now granted only to customers in need of forbearance. A summary of the maturity profile for bullet principal repayment interest only mortgages (excluding mixed repayment mortgages) is set out below:\*

The table below shows interest only mortgage portfolios (excluding mixed repayment mortgages) by type and by contractual year of maturity.

	2016 (1)	2017-18	2019-23	2024-28	2029-33	2034-43	After 2043	Total
	£m	£m	£m	£m	£m	£m	£m	£m
2015								
Bullet principal repayment (2)	7	14	28	44	67	26	6	192

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Conversion to amortising (2,3)	308	119	5	3	3	2	1	441
Total	315	133	33	47	70	28	7	633

	2015 (4)	2016-17	2018-22	2023-27	2028-32	2033-42	After 2042	Total
2014	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment (2)	6	16	32	45	69	35	8	211
Conversion to amortising (2,3)	352	205	29	2	4	—	—	592
Total	358	221	61	47	73	35	8	803

Notes:

(1) 2016 includes pre-2016 maturity exposure.

(2) Includes £0.1 billion (2014 - £0.3 billion) of repayment mortgages that have been granted interest only concessions (forbearance).

(3) Maturity date relates to the expiry of the interest only period.

(4) 2015 includes pre-2015 maturity exposure.

\*unaudited

**Business review Capital and risk management****Credit risk: management basis continued**

## Private Banking\*

## Overview

The majority of the Private Banking personal lending portfolio relates to mortgage lending. The portfolio increased by 3% during 2015.

Gross new mortgage lending amounted to £2.4 billion in 2015. Lending to owner-occupiers during this period was £2.2 billion (2014 - £2.4 billion) with an average LTV by weighted value of 54% (2014 - 57%). Buy-to-let lending was £0.2 billion (2014 - £0.2 billion) with an average LTV by weighted value of 64% (2014 - 59%).

The number of customers with mortgages in forbearance at the end of 2015 increased from 43 to 59 compared to the end of 2014. In value terms, the exposure increased from £51 million to £64 million.

A total of 85% (£54 million) of forbearance loans were subject to a long term arrangement (capitalisations, term extensions, economic concessions) at 31 December 2015 (2014 - 65% or £32.8 million). Short term forbearance comprises payment concessions, amortising payments of outstanding balances, payment holidays and temporary interest only arrangements.

Private Banking offers interest-only mortgages to high net worth customers, with over a third of the book typically being refinanced/replaced per annum. A summary of the maturity profile for bullet principal repayment interest only mortgages (excluding mixed repayment mortgages) is set out below.

The table below shows interest only mortgage portfolios (excluding mixed repayment mortgages) by type and by contractual year of maturity.

	2016 (1)	2017-18	2019-23	2024-28	2029-33	2034-43	After 2043	Total
2015	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment	1,004	1,532	1,603	830	286	202	2	5,459

	2015 (2)	2016-17	2018-22	2023-27	2028-32	2033-42	After 2042	Total
2014	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment	1,231	1,452	2,060	444	171	113	1	5,472

Notes:

(1) 2016 includes pre-2016 maturity exposure.

(2) 2015 includes pre-2015 maturity exposure.

**RBS International\***

## Overview

The majority (98%) of RBSI's personal lending is mortgage lending. The mortgage portfolio increased by 3% to £2.5 billion.

Gross new mortgage lending amounted to £0.2 billion in 2015. Lending to owner-occupiers during this period was £0.2 billion (2014 - £0.2 billion) and had an average LTV by weighted value of 66% (2014 - 66%). Buy-to-let lending was £0.1 billion (2014 - £0.1 billion) with an average LTV by weighted value of 59% (2014 - 60%).

The number of customers granted forbearance in 2015 decreased by 10%.

A total of £12 million of forborne loans were subject to a long-term arrangement (term extensions) at 31 December 2015 (2014 - £13 million). Short term forbearance comprises covenant breaches, payment suspensions and reduced payments.

RBSI offers interest only mortgages for buy-to-let. A summary of the maturity profile for bullet principal repayment interest only mortgages (excluding mixed repayment mortgages) is set out below:\*

	2016 (1)	2017-18	2019-23	2024-28	2029-33	2034-43	After 2043	Total
2015	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment	83	182	157	183	146	39	1	791

	2015 (2)	2016-17	2018-22	2023-27	2028-32	2033-42	After 2042	Total
2014	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment	59	182	224	186	185	49	—	885

Notes:

- (1) 2016 includes pre-2016 maturity exposure.
- (2) 2015 includes pre-2015 maturity exposure.

\*unaudited

**Business review Capital and risk management****Credit risk: management basis continued**

Williams &amp; Glyn\*

## Overview

The retail mortgage portfolio increased by 5.4% to £10.5 billion, of which £9.3 billion (2014 - £9.2 billion) was owner-occupied and £1.2 billion (2014 - £0.8 billion) was buy-to-let.

Gross new mortgage lending amounted to £1.7 billion in 2015. Lending to owner-occupiers during this period was £1.4 billion (2014 - £1.3 billion) and had an average LTV by weighted value of 70% (2014 - 71%). Buy-to-let lending was £0.3 billion (2014 - £0.2 billion) with an average LTV by weighted value of 64% (2014 - 64%).

Fixed interest rate products of varying time durations accounted for approximately 55% (£5.7 billion) of the mortgage portfolio with 7% (£0.8 billion) a combination of fixed and variable rates and the remainder (£4 billion) variable rate.

The arrears rate fell to 1.1% at 31 December 2015 (2014 - 1.3%). This reflected improvements in the UK economy and underlying asset quality.

The flow of new forbearance was £59.4 million in 2015 compared to £82.5 million in 2014. The value of mortgages subject to forbearance decreased by 5% in 2015 to £0.52 billion (equivalent to 5% of the total mortgage portfolio) as a result of improved market conditions and methodology changes.

There was a reduction of impairment provision balances for personal mortgages in 2015 to £25.6 million compared with £35.6 million in 2014. The provision release resulted from lower LGDs and a decrease in forborne mortgages.

	2016 (1)	2017-18	2019-23	2024-28	2029-33	2034-43	After 2043	Total
2015*	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment (2)	58	124	421	625	675	539	35	2,477

	2015 (3)	2016-17	2018-22	2023-27	2028-32	2033-42	After 2042	Total
2014*	£m	£m	£m	£m	£m	£m	£m	£m
Bullet principal repayment (2)	31	93	381	540	671	539	27	2,282

Notes:

(1) 2015 includes pre-2015 maturity exposure.

(2) Includes £0.2 billion (2014 - £0.2 billion) of repayment mortgages that have been granted interest only concessions (forbearance).

(3) 2014 includes pre-2014 maturity exposure.

\*unaudited

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**Business review Capital and risk management****Credit risk:  
management  
basis** continued**Credit risk  
assets**

Balance sheet  
to CRA bridge\*

The table below provides a bridge between the balance sheet and the related components of credit risk assets (CRA).

	Balance sheet £bn	Within the scope of market risk (1) £bn	Not within the scope of CRA (2) £bn	Credit adjustments (3) £bn	Netting and collateral (4) £bn	Disposal groups (5) £bn	Methodology differences and reclassifications (6) £bn	CRA £bn
2015								
Cash and balances at central banks	79.4	—	(4.1)	—	—	0.5	—	75.8
Reverse repurchase agreements and stock borrowing	39.8	—	(39.8)	—	—	—	—	—
Loans and advances	324.7	(0.3)	—	7.1	(28.3)	2.4	(10.9)	294.7
Debt securities	82.1	(35.7)	(47.1)	0.2	—	0.5	—	—
Equity shares	1.4	(0.7)	(0.8)	0.1	—	—	—	—
Settlement balances	4.1	(4.1)	—	—	—	—	—	—
Derivatives	262.5	—	—	0.8	(214.8)	—	9.1	57.6
Other assets (7)	21.4	—	(17.8)	—	—	(3.4)	—	0.2
Total assets	815.4	(40.8)	(109.6)	8.2	(243.1)	—	(1.8)	428.3
Contingent obligations								17.1
								445.4
2014*								
Cash and balances at central banks	74.9	—	(3.8)	—	—	0.6	—	71.7
Reverse repurchase agreements and stock borrowing	64.7	—	(64.7)	—	—	—	—	—
Loans and advances	357.3	—	—	18.0	(33.4)	62.2	(10.3)	393.8
Debt securities	86.6	(49.3)	(52.6)	—	—	15.3	—	—

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Equity shares	5.6	(4.9)	(1.3)	—	—	0.6	—	—
Settlement balances	4.7	(4.7)	—	—	—	—	—	—
Derivatives	353.6	—	—	1.4	(295.3)	0.4	8.2	68.3
Other assets (7)	103.6	—	(18.7)	—	—	(79.1)	(3.5)	2.3
Total assets	1,051.0	(58.9)	(141.1)	19.4	(328.7)	—	(5.6)	536.1
Contingent obligations								26.0
Citizens								(64.2)
								497.9

Restated - refer to page  
270 for further details.

Notes:

(1) The exposures in regulatory trading book businesses are subject to market risk and are hence excluded from CRA.  
Refer to Market risk on page 240.

(2) Includes cash in ATMs and branches, reverse repurchase agreements, securities and other assets (refer to note below).

(3) Includes impairment loss provisions related to loans and advances and credit valuation adjustment on derivatives.

(4)

Comprises:

- Loans and advances: cash collateral pledged with counterparties in relation to net derivative liability positions.

- Derivatives: impact of master netting arrangements.

(5) Amounts reclassified to balance sheet lines.

(6)

Primarily includes:

- Loans and advances: cash management pooling arrangements not allowed under IFRS.

- Derivatives: differences between netting arrangements and regulatory model sets and balances with central counterparties after netting but before variation margin presented net on the balance sheet.

(7) Includes intangible assets, property, plant and equipment, deferred tax, prepayments and accrued income and assets of disposal groups.

\*unaudited





**Business review Capital and risk management**

**Credit risk: management basis** continued

Country risk

Risk measurement\*

In this section, country exposure includes wholesale and retail net on-balance sheet exposure (drawn amounts under lending facilities, net of provisions, mark-to-market derivatives positions and issuer-risk debt securities positions in the banking book and trading book) together with off-balance sheet exposure (contingent obligations and undrawn commitments).

Basis of preparation\*

The tables in this section show RBS's exposure at 31 December 2015 and 2014. Exposures are reported by country of operation of the obligor, except exposures to governments and individuals, which are shown by country of residence.

The country of operation is the counterparty's country of main operations, taking account of branches and subsidiaries.

Countries shown are those which had ratings of A+ or below from Standard and Poor's, Moody's or Fitch at 31 December 2015, and in which RBS's net balance sheet exposure to counterparties operating (or individuals residing) in them exceeded £1 billion. Selected eurozone countries are also included.

The exposures are stated before taking into account risk mitigants such as guarantees, insurance or collateral (with the exception of reverse repos) which may have been put in place to reduce or eliminate exposure to country risk events. The tables separately show CDS positions, as RBS may be either a net buyer or a net seller of protection.

Exposures relating to ocean-going vessels are not included as they cannot be meaningfully assigned to specific countries from a country risk perspective.

**Overview**

The comments below relate to changes in country exposures in 2015 unless indicated otherwise\*.

· Net balance sheet and off-balance sheet exposure to most countries and products declined. RBS continued to maintain a cautious stance and implemented its strategy to become a more UK-centred bank with an international focus on Western Europe. In addition, many clients continued to reduce debt levels. The euro depreciated against

sterling by 5.7% while the US dollar appreciated by 5.3%.

Total eurozone net balance sheet exposure decreased by £10.5 billion or 11%, to £87.1 billion. The depreciation of the euro played a significant role in the reduction.

Eurozone periphery: Ireland is no longer considered part of this group because of its improved economic conditions. The remaining exposure to the eurozone periphery is relatively small.

Italy - exposure fell by £1.6 billion to £2.6 billion. This was the result of the maturity of a few large derivatives transactions with banks, and of reductions in corporate lending.

Spain - exposure decreased by £1.1 billion to £2.1 billion. This largely reflected reductions in corporate lending (mostly to the commercial real estate, construction and land transport sectors).

Portugal - exposure decreased by £0.1 billion to £0.6 billion, due largely to decreases in derivatives exposure to banks and corporate clients.

Greece - net balance sheet exposure decreased to £0.1 billion (from £0.4 billion), mostly as a result of sales of derivatives positions. The remaining exposure was mostly lending and collateralised derivatives exposure to corporates, including subsidiaries of international clients.

Germany - net balance sheet exposure increased by £5.7 billion to £32.3 billion. This was the net result of an increase of £14.0 billion in cash deposits with the central bank, driven by Treasury's global liquidity management, against reductions in other areas, notably in net HFT bonds.

Ireland - exposure fell by £3.0 billion or 13% to £19.6 billion, with exposure to corporates and households (mostly mortgage lending) decreasing by £1.9 billion and £1.4 billion respectively. This largely reflected currency movements and portfolio sales. The latter also drove a £5.6 billion reduction in lending provisions and a £1.0 billion increase in Ulster Bank RoI's cash deposits with the central bank.

France - net balance sheet exposure fell by £4.2 billion to £11.9 billion, with reductions mainly in net HFT bonds and lending to banks. Available-for-sale (AFS) bonds rose by £0.5 billion, as part of the bank's liquidity management.

Netherlands - net balance sheet exposure decreased by £4.4 billion, the result of reductions in lending, derivatives, AFS bonds, and in net HFT exposure.

Japan - net HFT bonds exposure increased by £4.1 billion to £7.2 billion, driven by collateral trading in London. This increase in holdings reflects reduced access to local repo markets following RBS's decision to exit its Japanese onshore business. Derivatives exposure, largely to banks, decreased by £0.6 billion.

India - net balance sheet exposure fell by £0.4 billion to £1.6 billion, with reductions mainly in corporate lending, reflecting RBS's UK-centred strategy.

China - net balance sheet exposure decreased by £2.5 billion to £1.1 billion, with reductions mostly in corporate lending, driven by RBS's strategy. The portfolio is focused on the largest banks. Stress tests indicated that the impact of an economic downturn on credit losses would be limited.

Russia - net balance sheet exposure decreased by £1.4 billion to £0.4 billion, partly through loan sales in the second half of 2015. The remaining exposure was below the £1 billion threshold for inclusion in the table. It was on run-off, and consisted mainly of lending to banks and with risks largely mitigated.

\*unaudited

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**Business review Capital and risk management****Credit risk: management basis continued****Summary of country exposures**

	Net balance sheet exposure					Analysis of net balance sheet exposures						Off-	CDS notional		
	Banks		Corporate	Personal	Total	Net lending	Debt securities		Net Derivatives	SFTs	sheet	Total exposure	less fair value	Gross	
	Sovereign	other FI					AFS	HFT/LAR (net)						Derivatives	Derivatives
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
<b>Eurozone periphery</b>															
Italy	1,152	1,101	316	27	2,596	411	19	1,105	1,061	—	1,240	3,836	(554)	5,030	1,274
Spain	289	428	1,346	79	2,142	1,288	—	268	584	2	1,407	3,549	(224)	2,853	323
Portugal	211	209	216	6	642	264	—	203	175	—	172	814	(57)	201	188
Cyprus	—	—	72	13	85	70	—	—	15	—	10	95	—	15	—
Greece	—	1	57	15	73	34	—	—	39	—	14	87	(36)	39	—
<b>Eurozone other</b>															
Germany	23,148	7,618	1,502	63	32,331	17,769	9,822	(871)	7,526	85	4,333	36,664	(2,027)	28,712	2,535
Ireland	1,727	929	3,785	13,181	19,622	18,624	2	377	609	—	2,295	21,917	(14)	1,855	714
France	3,968	6,675	1,177	76	11,896	1,847	2,439	1,594	5,945	71	7,228	19,124	(1,781)	30,460	7,807
NL	1,568	7,594	1,076	30	10,268	2,016	843	2,050	5,351	8	7,565	17,833	(423)	14,919	1,790
Belgium	459	2,434	263	22	3,178	434	473	(42)	1,898	415	877	4,055	(119)	2,409	1,644
Lux	21	1,148	755	6	1,930	982	428	30	227	263	1,045	2,975	(33)	341	3,754
Other	1,236	796	283	14	2,329	518	311	577	923	—	746	3,075	(498)	3,579	185
<b>Eurozone</b>	<b>33,779</b>	<b>28,933</b>	<b>10,848</b>	<b>13,532</b>	<b>87,092</b>	<b>44,257</b>	<b>12,343</b>	<b>3,291</b>	<b>24,353</b>	<b>344</b>	<b>26,932</b>	<b>114,024</b>	<b>(5,766)</b>	<b>90,418</b>	<b>10,214</b>
<b>2014</b>															
<b>Eurozone periphery</b>															
Italy	127	2,887	1,187	25	4,226	1,095	169	5	2,957	—	2,031	6,257	(625)	9,192	823
Spain	251	747	2,184	88	3,270	2,024	47	364	835	—	1,923	5,193	(312)	3,913	422
Portugal	111	343	322	8	784	282	20	152	330	—	222	1,006	(155)	390	613
Cyprus	—	—	113	14	127	108	—	—	19	—	16	143	—	19	—
Greece	8	259	92	17	376	63	—	8	305	—	23	399	(8)	416	—
<b>Eurozone other</b>															
Germany	14,982	9,436	2,083	86	26,587	4,601	7,121	5,653	8,317	895	6,090	32,677	(1,749)	39,275	8,704

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Ireland	826	1,565	5,653	14,593	22,637	21,176	6	413	991	1	2,922	25,559	(48)	2,330	1,464
France	5,206	9,013	1,774	81	16,074	2,931	1,951	4,034	6,392	766	8,586	24,660	(2,406)	41,132	17,598
NL	998	11,538	2,130	29	14,695	3,582	1,690	2,509	6,830	84	9,323	24,018	(815)	20,986	3,573
Belgium	806	2,423	396	21	3,646	579	274	375	2,334	84	858	4,504	(219)	3,374	932
Lux	18	1,201	781	5	2,005	968	329	70	461	177	1,475	3,480	(53)	701	2,628
Other	1,708	894	533	16	3,151	612	456	930	1,148	5	1,047	4,198	(562)	4,818	302
Eurozone	25,041	40,306	17,248	14,983	97,578	38,021	12,113	14,513	30,912	2,012	34,516	132,094	(6,952)	126,546	17,059
Japan	4,264	2,441	325	33	7,063	1,633	3	3,043	2,358	26	844	7,907	(25)	10,129	10,005
India	611	289	1,053	36	1,989	1,336	415	132	106	—	639	2,628	(47)	180	—
China	459	1,374	1,674	41	3,548	2,886	243	62	243	114	531	4,079	(4)	244	4,770

Notes:

(1) Net balance sheet exposure - Comprises net lending, debt securities, derivatives (net) and SFT (net) exposures, as defined below.

(2) Net lending-Comprises loans and advances net of provisions and includes cash balances.

(3) Debt securities-includes held-for-trading (HFT), designated as fair value through profit or loss (DFV), available for-for-sale (AFS) and loans and receivables (LAR). HFT debt securities, aggregated with DFV securities, are presented as long positions net of short positions.

(4) Derivatives (net)-Comprise the mark-to-market (mtm) value of such contracts after the effect of legally enforceable netting agreements in line with regulatory capital models, but before the effect of collateral.

(5) Securities financing transactions (SFT) (net) - Comprise the mtm value of the cash and securities that are due to RBS at a future date after the effect of collateral intrinsic to the transaction and legally enforceable netting agreements. Counterparty netting is applied in line with regulatory capital approach. Additional collateral called to offset mtm positions (variation margin) is not included.

(6) Off-balance sheet-Comprises letters of credit, guarantees, other contingent obligations and legally committed undrawn facilities.

(7) Total exposure-Comprises net balance sheet exposure and off-balance sheet exposure, as defined above.

(8) Credit default swaps (CDSs)-Under a CDS contract, the credit risk on the reference entity is transferred from the buyer to the seller. 'Fair value' (or 'mtm value') represents the balance sheet carrying value of the resulting exposure. The mtm value of CDSs is included in derivatives against the counterparty of the trade, as opposed to the reference entity. The notional is the par value of the credit protection bought or sold and is included against the reference entity of the CDS contract. The column 'CDS notional less fair value' represents the net effect on exposure should the CDS contracts be triggered by a credit event, assuming a zero recovery rate on the reference exposure. This net effect would be the increase in exposure arising from sold positions netted against the decrease arising from bought positions. For a sold position, the change in exposure equals the notional less the fair value amount; this represents the amount RBS would owe to its CDS counterparties if the reference entity defaulted. Positive recovery rates would tend to reduce the gross components (increases and decreases) of those numbers.

(9) NL - Netherlands; Lux - Luxembourg.

(10) Other eurozone - Austria, Estonia, Finland, Latvia, Malta, Slovakia and Slovenia.



**Business review Capital and risk management**

## Credit risk: balance sheet analysis

Credit risk assets analysed on pages 197 to 220 are reported internally to senior risk management. However, they exclude certain exposures, primarily securities and reverse repurchase agreements and take account of legal netting agreements, that provide a right of legal set-off but do not meet the offset criteria in IFRS. The tables that follow are therefore provided to supplement disclosures of credit risk assets and related information to reconcile to the balance sheet. All the disclosures in this section are audited. Whilst totals in tables within this section include balances relating to Citizens, detailed analysis and commentary exclude Citizens to facilitate like-for-like comparison with 2015.

## Financial assets

## Exposure summary and credit mitigation

The following table analyses financial asset exposures, both gross and net of offset arrangements, as well as credit mitigation and enhancement.

2015	Gross exposure £bn	IFRS offset £bn	Carrying Balance sheet		Collateral (4)		Real estate and other		Credit enhancement £bn	(8) en
			value (2) £bn	offset (3) £bn	Cash (5) £bn	Securities (6) £bn	Residential (7) £bn	Commercial (7) £bn		
Cash and balances										
at central banks	79.9	—	79.9	—	—	—	—	—	—	79.9
Reverse repos	74.3	(34.4)	39.9	(2.5)	—	(37.3)	—	—	—	0.6
Lending	330.0	(3.0)	327.0	(35.6)	(0.7)	(3.3)	(140.8)	(52.7)	(3.4)	99.5
Debt securities	82.5	—	82.5	—	—	—	—	—	—	82.5
Equity shares	1.4	—	1.4	—	—	—	—	—	—	1.4
Derivatives	386.3	(123.7)	262.6	(214.8)	(27.6)	(7.5)	—	—	(12.7)	—
Settlement balances	5.3	(1.2)	4.1	—	—	—	—	—	—	4.1
Total	959.7	(162.3)	797.4	(252.9)	(28.3)	(48.1)	(140.8)	(52.7)	(16.1)	212.2
Short positions	(20.8)	—	(20.8)	—	—	—	—	—	—	(20.8)
Net of short positions	938.9	(162.3)	776.6	(252.9)	(28.3)	(48.1)	(140.8)	(52.7)	(16.1)	212.2

2014



Cash and balances at central banks	74.9	—	74.9	—	—	—	—	—	—	7
Reverse repos	95.5	(30.8)	64.7	(5.0)	—	(59.7)	—	—	—	—
Lending	362.0	(3.8)	358.2	(40.2)	(1.6)	(4.0)	(132.5)	(52.2)	(5.2)	1
Debt securities	86.6	—	86.6	—	—	—	—	—	(0.2)	8
Equity shares	5.6	—	5.6	—	—	—	—	—	—	5
Derivatives	599.0	(245.4)	353.6	(295.3)	(33.3)	(7.0)	—	—	(14.3)	3
Settlement balances	6.7	(2.0)	4.7	—	—	—	—	—	—	4
Total excluding Citizens	1,230.3	(282.0)	948.3	(340.5)	(34.9)	(70.7)	(132.5)	(52.2)	(19.7)	2
Short positions	(23.0)	—	(23.0)	—	—	—	—	—	—	(2
Net of short positions excluding Citizens	1,207.3	(282.0)	925.3	(340.5)	(34.9)	(70.7)	(132.5)	(52.2)	(19.7)	2
Citizens	78.3	—	78.3	—	—	(0.1)	(17.0)	(5.5)	(0.6)	5
Total	1,285.6	(282.0)	1,003.6	(340.5)	(34.9)	(70.8)	(149.5)	(57.7)	(20.3)	3

Notes:

(1) Relates to offset arrangements that comply with IFRS criteria and transactions cleared through and novated to central clearing houses, primarily London Clearing House and US Government Securities Clearing Corporation.

(2) The carrying value on the balance sheet represents the exposure to credit risk by class of financial instrument.

The amount by which credit risk exposure is reduced through arrangements, such as master netting agreements and cash management pooling, which give RBS a legal right to set off the financial asset against a financial liability due to the same counterparty.

RBS holds collateral in respect of individual loans and advances to banks and customers. This collateral includes mortgages over property (both personal and commercial); charges over business assets such as plant, inventories and trade debtors; and guarantees of lending from parties other than the borrower. RBS obtains collateral in the form of securities in reverse repurchase agreements. Cash and securities are received as collateral in respect of derivative transactions.

(5) Includes cash collateral pledged by counterparties based on daily mark-to-market movements of net derivative positions with the counterparty.

(6) Represent the fair value of securities received from counterparties, mainly relating to reverse repo transactions as part of netting arrangements.

(7) Property valuations are capped at the loan value and reflect the application of haircuts in line with regulatory rules to indexed valuations. Commercial collateral includes ships and plant and equipment collateral.

- (8) Comprises credit derivatives (bought protection) and guarantees against exposures.

Key points

The £238 billion net exposure comprises approximately one third each of cash and balances at central banks, unsecured commercial and personal bank lending, and debt securities. Approximately 82% (£67.7 billion) of debt securities are issued by central or local governments.

Net exposure fell by £37.1 billion or 14% principally reflecting lower funded assets as both CIB and Capital Resolution implemented strategic balance sheet reductions through disposals and wind-down.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Sector concentration

The following table analyses financial assets by industry sector.

2015	Reverse repos	Securities				Derivatives	Other financial assets		Exposure post offset
		Lending	Debt	Equity	Balance sheet value		Offset		
	£m	£m	£m	£m	£m	£m	£m	£m	£m
Central and local government	10	6,707	67,720	—	3,307	126	77,870	(6,346)	71,524
Financial institutions									
- banks	12,352	19,004	2,378	52	169,517	79,939	283,242	(177,804)	105,438
- other (1)	27,314	31,981	11,724	956	78,522	3,777	154,274	(84,992)	69,282
Personal - mortgages	—	137,601	—	—	—	—	137,601	—	137,601
- unsecured	—	16,654	—	—	45	—	16,699	—	16,699
Property	—	35,744	124	99	1,343	—	37,310	(1,084)	36,226
Construction	—	4,421	—	3	266	—	4,690	(932)	3,758
Manufacturing	184	9,861	128	160	1,947	94	12,374	(1,593)	10,781
Finance leases and instalment credit	—	11,443	1	—	10	—	11,454	(2)	11,452
Retail, wholesale and repairs	—	12,096	156	31	570	10	12,863	(1,329)	11,534
Transport and storage	—	8,909	87	2	1,494	—	10,492	(873)	9,619
Health, education and leisure	—	10,960	17	6	641	7	11,631	(690)	10,941
Hotels and restaurants	—	5,372	11	—	81	5	5,469	(232)	5,237
Utilities	—	3,463	53	19	3,284	—	6,819	(1,689)	5,130
Other	50	19,899	311	144	1,517	97	22,018	(2,957)	19,061
Total gross of provisions	39,910	334,115	82,710	1,472	262,544	84,055	804,806	(280,523)	524,283
Provisions	—	(7,139)	(194)	(87)	—	—	(7,420)	n/a	(7,420)
Total	39,910	326,976	82,516	1,385	262,544	84,055	797,386	(280,523)	516,863
2014									
Central and local government	10	9,007	64,061	—	4,857	251	78,186	(5,041)	73,145
Financial institutions									
- banks	20,708	23,084	5,090	388	240,415	74,872	364,557	(248,341)	116,216
- other (1)	43,682	38,483	15,223	1,579	92,851	4,284	196,102	(108,993)	87,109
Personal - mortgages	—	129,675	—	—	—	—	129,675	—	129,675
- unsecured	—	17,991	—	—	—	2	17,993	—	17,993
Property	—	46,540	165	137	2,360	8	49,210	(903)	48,307
Construction	—	5,297	11	53	389	—	5,750	(896)	4,854
Manufacturing	265	16,343	665	1,602	2,194	48	21,117	(2,032)	19,085
Finance leases and instalment credit	—	11,290	21	—	26	—	11,337	(1)	11,336
Retail, wholesale and repairs	—	15,838	252	438	735	13	17,276	(1,735)	15,541
Transport and storage	—	13,456	214	57	2,261	—	15,988	(1,027)	14,961
Health, education and leisure	—	12,392	59	25	670	—	13,146	(709)	12,437

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Hotels and restaurants	—	6,093	4	37	180	—	6,314	(198)	6,116
Utilities	—	4,560	242	127	4,357	—	9,286	(1,150)	8,136
Other	30	25,694	919	1,259	2,295	61	30,258	(2,776)	27,482
Total gross of provisions	64,695	375,743	86,926	5,702	353,590	79,539	966,195	(373,802)	592,393
Provisions	—	(17,504)	(277)	(67)	—	—	(17,848)	n/a	(17,848)
Total excluding Citizens	64,695	358,239	86,649	5,635	353,590	79,539	948,347	(373,802)	574,545
Citizens	—	61,334	15,293	572	402	622	78,223	—	78,223
Total	64,695	419,573	101,942	6,207	353,992	80,161	1,026,570	(373,802)	652,768

Note:

- (1) Includes loans made by consolidated conduits to asset owning companies.

For geographic concentrations refer to:

- Lending: Loans and related credit metrics;
- Debt securities: Issuer and IFRS measurement and Credit risk - Country risk;
- Equity shares; and
- Derivatives: Summary and uncollateralised exposures.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Asset quality

The asset quality analysis presented below is based on internal asset quality ratings which have ranges for the probability of default. Customers are assigned credit grades, based on various credit grading models that reflect the key drivers of default for the customer type. All credit grades across RBS map to both an asset quality scale, used for external financial reporting, and a master grading scale for wholesale exposures used for internal management reporting across portfolios. Debt securities are analysed by external ratings and are therefore excluded from the following table and are set out on pages 233 to 235.

The table that follows details the relationship between internal asset quality (AQ) bands and external ratings published by Standard & Poor's (S&P), for illustrative purposes only. This relationship is established by observing S&P's default study statistics, notably the one year default rates for each S&P rating grade. A degree of judgement is required to relate the probability of default ranges associated with the master grading scale to these default rates given that, for example, the S&P published default rates do not increase uniformly by grade and the historical default rate is nil for the highest rating categories.

Internal asset quality band	Probability of default range	Indicative S&P rating
AQ1	0% - 0.034%	AAA to AA
AQ2	0.034% - 0.048%	AA-
AQ3	0.048% - 0.095%	A+ to A
AQ4	0.095% - 0.381%	BBB+ to BBB-
AQ5	0.381% - 1.076%	BB+ to BB
AQ6	1.076% - 2.153%	BB- to B+
AQ7	2.153% - 6.089%	B+ to B
AQ8	6.089% - 17.222%	B- to CCC+
AQ9	17.222% - 100%	CCC to C
AQ10	100%	D

The mapping to the S&P ratings is used by RBS as one of several benchmarks for its wholesale portfolios, depending on customer type and the purpose of the benchmark. The mapping is based on all issuer types rated by S&P. It should therefore be considered illustrative and does not, for instance, indicate that exposures reported against S&P ratings either have been or would be assigned those ratings if assessed by S&P. In addition, the relationship is not relevant for retail portfolios, smaller corporate exposures or specialist corporate segments given that S&P does not typically assign ratings to such entities.

										Impairment	
AQ1	AQ2	AQ3	AQ4	AQ5	AQ6	AQ7	AQ8	AQ9	AQ10	Impaired provision	Total

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2015	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	Past due £bn	£bn	£bn	£bn
Cash and balances at central banks	77.5	—	2.3	0.1	—	—	—	—	—	—	—	—	—	—	79.9
Banks															
- Reverse repos	1.6	0.6	3.5	4.8	1.3	0.4	0.2	—	—	—	—	—	—	—	12.4
- Derivative cash collateral	3.6	4.6	1.4	1.2	0.2	—	—	—	—	—	—	—	—	—	11.0
- Bank loans	2.5	0.6	3.4	0.7	0.3	0.1	0.1	—	0.2	—	0.1	—	—	—	8.0
- Total	7.7	5.8	8.3	6.7	1.8	0.5	0.3	—	0.2	—	0.1	—	—	—	31.4
Customers															
- Reverse repos	20.7	0.4	1.5	3.2	1.7	0.1	—	—	—	—	—	—	—	—	27.6
- Derivative cash collateral	9.2	1.1	3.6	3.0	0.2	0.1	—	—	—	—	—	—	—	—	17.2
- Customer loans	23.3	12.1	28.8	106.6	52.0	29.3	20.3	4.2	2.6	1.1	6.7	10.9	(7.1)	—	290.8
- Total	53.2	13.6	33.9	112.8	53.9	29.5	20.3	4.2	2.6	1.1	6.7	10.9	(7.1)	—	335.6
Settlement balances and other financial assets	2.3	0.1	0.1	0.6	—	—	—	—	—	—	1.0	—	—	—	4.1
Derivatives	41.5	65.7	89.1	57.8	6.2	1.1	0.8	—	0.2	0.1	—	—	—	—	262.5
Undrawn commitments	24.1	6.9	20.1	41.9	27.6	8.8	7.0	0.6	0.2	0.5	—	—	—	—	137.7
Contingent liabilities	0.9	1.3	1.8	8.3	1.9	0.6	0.9	0.1	0.1	0.1	—	—	—	—	16.0
Total	207.2	93.4	155.6	228.2	91.4	40.5	29.3	4.9	3.3	1.8	7.8	10.9	(7.1)	—	867.2
Total %	23.8%	10.8%	17.9%	26.3%	10.5%	4.7%	3.4%	0.6%	0.4%	0.2%	0.9%	1.3%	(0.8%)	—	100%

**Business review Capital and risk management**

Credit risk: balance sheet analysis

continued

	AQ1	AQ2	AQ3	AQ4	AQ5	AQ6	AQ7	AQ8	AQ9	AQ10	Past due	Impaired	Impairment provision	Total
	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn
2014														
Cash and balances at central banks	73.3	—	1.4	0.2	—	—	—	—	—	—	—	—	—	74.9
Banks														
- Reverse repos	2.5	4.2	2.5	8.3	2.1	0.6	0.5	—	—	—	—	—	—	20.7
- Derivative cash collateral	3.8	4.6	1.3	1.4	0.2	0.1	0.1	—	—	—	—	—	—	11.5
- Bank loans	3.8	0.8	3.1	2.9	0.6	0.1	0.3	—	—	—	—	—	—	11.6
- Total	10.1	9.6	6.9	12.6	2.9	0.8	0.9	—	—	—	—	—	—	43.8
Customers														
- Reverse repos	27.0	0.4	8.7	5.1	1.9	—	0.9	—	—	—	—	—	—	44.0
- Derivative cash collateral	12.5	1.6	4.3	2.8	0.5	0.1	0.1	—	—	—	—	—	—	21.9
- Customer loans	26.7	16.3	24.6	105.2	58.9	34.7	22.1	5.6	4.4	0.9	6.1	25.3	(17.5)	313.3
- Total	66.2	18.3	37.6	113.1	61.3	34.8	23.1	5.6	4.4	0.9	6.1	25.3	(17.5)	379.2
Settlement balances and other financial assets	1.6	0.2	0.5	0.9	0.4	—	—	—	—	—	1.0	—	—	4.6
Derivatives	65.5	100.2	123.9	49.9	10.7	1.1	1.1	0.5	0.2	0.5	—	—	—	353.6
Undrawn commitments	43.0	15.8	26.5	46.6	29.3	10.3	5.5	0.7	0.3	1.1	—	—	—	179.1
Contingent liabilities	6.3	3.1	5.9	5.2	2.1	1.0	0.7	0.1	0.2	0.1	—	—	—	24.7
Total excluding Citizens	266.0	147.2	202.7	228.5	106.7	48.0	31.3	6.9	5.1	2.6	7.1	25.3	(17.5)	1,059.9
Citizens	19.9	3.4	7.8	27.3	21.0	10.0	5.7	1.1	0.5	0.1	2.1	1.3	(0.5)	99.7
Total	285.9	150.6	210.5	255.8	127.7	58.0	37.0	8.0	5.6	2.7	9.2	26.6	(18.0)	1,159.6
Total excluding Citizens %	25.0%	13.9%	19.1%	21.6%	10.1%	4.5%	3.0%	0.7%	0.5%	0.2%	0.7%	2.4%	(1.7%)	100%

**Key points**

Capital Resolution's disposal strategy and other portfolio reduction strategies resulted in the non-investment grade (AQ5 and lower) portfolios decreasing by £29.4 billion (15%). Overall credit quality has remained broadly stable with about 77% (excluding cash and central bank balances) being investment grade or higher, supported by benign economic and credit conditions.

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Customer loans decreased by £22.5 billion (7%) to £290.8 billion, across most AQ bands, with investment grade loans at 59% compared with 55% in 2014. The increase of £4.2 billion in AQ3 reflected the improved asset quality in UK PBB's book reflecting market conditions along with growth in mortgage business.

Bank loans decreased by £3.6 billion across most AQ bands. The small increase in AQ3 reflects improvements in asset quality within Ulster Bank RoI.

Reverse repos decreased by £24.7 billion, with £22.4 billion in investment grade, reflecting reduced trading activities in EMEA Rates, the wind down of US ABP business and a decrease in APAC due to the exit of trading activities in Japan, in line with balance sheet management and exit strategies.

Derivatives decreased by £91.1 billion with reductions across all bands except AQ4 where an increase of £7.9 billion is the result of existing counterparties being downgraded due to a decrease in MTM values and new counterparties coming on at lower grades.

Past due loans increased by £0.7 billion, primarily within CIB and Capital Resolution.



**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Loans, REIL and impairment provisions

Risk elements in lending (REIL) comprises impaired loans and accruing loans past due 90 days or more as to principal or interest. Impaired loans are all loans (including loans subject to forbearance) for which an impairment provision has been established; for collectively assessed loans, impairment loss provisions are not allocated to individual loans and the entire portfolio is included in impaired loans. Accruing loans past due 90 days or more comprise loans past due 90 days where no impairment loss is expected.

## Loans and related credit metrics

The tables below analyse gross loans and advances (excluding reverse repos) and related credit metrics by reportable segment.

2015	Gross loans to		Credit metrics							
			REIL	Provisions	REIL as a %		Provisions		Impairment	
					of gross loans	to customers	as a % of REIL	as a % of gross loans		losses/
	Banks	Customers	£m	£m	%	%	%	to customers	(releases)	written-off
	£m	£m	£m	£m	%	%	%	£m	£m	£m
UK PBB	965	121,552	2,682	1,847	2.2	69	1.5	(6)	695	
Ulster Bank RoI	1,971	18,584	3,503	1,911	18.8	55	10.3	(142)	168	
Commercial Banking	665	92,002	1,911	749	2.1	39	0.8	69	263	
Private Banking	54	11,230	115	37	1.0	32	0.3	13	7	
RBS International	6	7,401	92	31	1.2	34	0.4	—	32	
CIB	5,696	16,076	—	1	—	nm	—	(7)	—	
Capital Resolution	7,097	25,898	3,372	2,266	13.0	67	8.7	(794)	7,689	
W&G	—	20,291	461	275	2.3	60	1.4	15	110	
Central items & other	2,550	2,077	21	22	1.0	105	1.1	(1)	—	
	19,004	315,111	12,157	7,139	3.9	59	2.3	(853)	8,964	
2014										
UK PBB	985	114,202	3,571	2,557	3.1	72	2.2	154	673	
Ulster Bank RoI	1,037	20,522	4,366	2,383	21.3	55	11.6	(306)	91	
Commercial Banking	797	85,719	2,483	919	2.9	37	1.1	85	376	
Private Banking	53	10,984	126	31	1.1	25	0.3	(5)	26	
RBS International	9	7,261	103	62	1.4	60	0.9	(7)	72	
CIB	2,548	26,518	—	16	—	nm	0.1	(7)	—	
Capital Resolution	14,567	63,973	15,595	11,135	24.4	71	17.4	(1,321)	3,590	

W&G	—	19,843	616	374	3.1	61	1.9	55	95
Central items & other	3,088	3,637	29	27	0.8	93	0.7	(12)	55
Total excluding Citizens	23,084	352,659	26,889	17,504	7.6	65	5.0	(1,364)	4,978
Citizens	1,728	60,142	1,330	536	2.2	40	0.9	194	300
Total	24,812	412,801	28,219	18,040	6.8	64	4.4	(1,170)	5,278

## Key points

Loans to banks decreased by £4.1 billion primarily in Capital Resolution due to wind-downs in the EMEA and APAC regions (£1.7 billion) as well as lower derivative collateral requirements. Ulster Banks RoI's increased bank loans reflected higher cash deposits with central banks.

Customer loans declined by £37.5 billion or 11% to £315.1 billion reflecting the run-down strategy being partially offset by core loan book.

UK PBB: mortgage growth of £9.3 billion was the principal driver of the £7.4 billion gross lending increase in 2015 and £13.1 billion increase in the last two years reflecting strategy and investment. Unsecured balances continued to decline gradually, albeit at a much slower rate.

Commercial Banking: of the £6.3 billion loan increase, £5.0 billion related to UK and Western Europe loans transferred from CIB and £1.4 billion loan growth that despite £2.2 billion of strategic write-off and disposals.

Ulster Bank RoI: Lending decreased by £1.9 billion. Strong new lending volumes were offset by high levels of customer repayments, the sale of a £0.3 billion buy-to-let mortgage portfolio and exchange rate movements. Tracker mortgages portfolio reduced by £1.4 billion to £9.2 billion, making up two thirds of the mortgage book, and commercial real estate lending fell by £0.4 billion.

CIB: lending fell by £10.4 billion, £5.0 billion reflecting the transfers to Commercial Banking and the rest primarily derivative collateral reduction.

Capital Resolution lending fell by £38.1 billion and included loan sales in US £3.1 billion, APAC £2.2 billion and EMEA £0.5 billion (relating to sale of Russian portfolio). Reductions in GTS and Shipping of £6.8 billion following customer wind-downs as well as £10.6 billion of maturities and repayments across the loan portfolio in all regions also contributed to the significant reduction.

Risk elements in lending (REIL) declined by £14.7 billion to £12.2 billion, with REIL as a percentage of gross loans falling from 7.6% to 3.9%. The reduction was primarily driven by the disposals in RCR within Capital Resolution.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Impairment charge and provision

The tables below analyse the categories, loan impairment losses/(releases) and provisions by reportable segment.

	Impairment losses/(releases)				Impairment provision			
	Individual	Collective	Latent	Total	Individual	Collective	Latent	Total
2015	£m	£m	£m	£m	£m	£m	£m	£m
UK PBB	—	73	(79)	(6)	1	1,665	181	1,847
Ulster Bank RoI	8	(126)	(24)	(142)	46	1,620	245	1,911
Commercial Banking	58	33	(22)	69	373	299	77	749
Private Banking	8	—	5	13	28	—	9	37
RBS International	1	—	(1)	—	27	—	4	31
CIB	—	—	(7)	(7)	—	—	1	1
Capital Resolution	(505)	(22)	(267)	(794)	2,173	52	41	2,266
W&G	20	8	(13)	15	24	225	26	275
Central items & other	—	(1)	—	(1)	22	—	—	22
Total	(410)	(35)	(408)	(853)	2,694	3,861	584	7,139
2014								
UK PBB	(24)	139	39	154	6	2,291	260	2,557
Ulster Bank RoI	19	(12)	(313)	(306)	40	2,057	286	2,383
Commercial Banking	140	21	(76)	85	457	366	96	919
Private Banking	(2)	—	(3)	(5)	27	—	4	31
RBS International	—	—	(7)	(7)	58	—	4	62
CIB	(1)	—	(6)	(7)	—	—	16	16
Capital Resolution	(973)	(15)	(333)	(1,321)	10,675	150	310	11,135
W&G	8	40	7	55	9	326	39	374
Central items & other	(12)	—	—	(12)	22	—	5	27
Total excluding Citizens	(845)	173	(692)	(1,364)	11,294	5,190	1,020	17,504
Citizens	36	142	16	194	83	157	296	536
Total	(809)	315	(676)	(1,170)	11,377	5,347	1,316	18,040

## Key points

Net impairment releases of £853 million were 37% lower compared with net impairment releases of £1,364 million in 2014. Although releases were at lower levels than in 2014, credit quality remained stable with continued increased recoveries in certain businesses.

Capital Resolution recorded net releases of £794 million, compared with £1,321 million, with disposal activity continuing. Ulster Bank RoI recorded net impairment releases of £142 million, a reduction from £306 million, as economic conditions in Ireland continue to improve whilst UK PBB recorded a release of £6 million compared with a loss of £154 million, due to lower debt flows and increased releases and recoveries. Net releases were reported also in RBSI and CIB, although at more modest levels.

- Amounts written-off increased by £4.0 billion of which £6.2 billion related to commercial real estate.

Loan impairment provisions were about 41% of the level at 2014 year end at £7.1 billion and covered REIL by 59% compared with 65% last year reflecting economic and credit conditions.

- Provisions were 2.3% of gross loans, significantly lower than 5.0% last year.
- Refer to Credit risk - Problem debt management section for risk management approaches.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Sector and geographical concentration

The tables below analyse gross loans and advances to banks and customers (excluding reverse repos) and related credit metrics by sector and geography based on the location of lending office. Ulster Bank RoI contributes a significant proportion of the European loan exposure. Refer to Business review on page 113.

	Gross		Credit metrics					Amounts written-off £m
	loans £m	REIL £m	Provisions £m	REIL as a % of gross loans %	Provisions as a % of REIL %	Provisions as a % of gross loans %	Impairment losses/ (releases) £m	
2015								
Central and local government	6,707	1	1	—	100	—	—	—
Finance	31,981	87	61	0.3	70	0.2	(10)	165
Personal - mortgages (1)	137,601	3,637	1,006	2.6	28	0.7	(82)	171
Personal - unsecured	16,654	1,331	1,151	8.0	86	6.9	122	513
Property	35,744	3,505	2,012	9.8	57	5.6	(557)	5,999
Construction	4,421	357	269	8.1	75	6.1	(14)	313
<i>of which: commercial real estate</i>	<i>27,630</i>	<i>3,560</i>	<i>2,054</i>	<i>12.9</i>	<i>58</i>	<i>7.4</i>	<i>(811)</i>	<i>6,151</i>
Manufacturing	9,861	263	154	2.7	59	1.6	—	154
Finance leases (2)	11,443	107	79	0.9	74	0.7	(8)	37
Retail, wholesale and repairs	12,096	434	299	3.6	69	2.5	7	325
Transport and storage	8,909	563	258	6.3	46	2.9	115	370
Health, education and leisure	10,960	394	190	3.6	48	1.7	14	171
Hotels and restaurants	5,372	336	201	6.3	60	3.7	1	346
Utilities	3,463	131	63	3.8	48	1.8	8	27
Other	19,899	1,010	810	5.1	80	4.1	(37)	340
Latent	—	—	584	—	—	—	(408)	—
Total customers	315,111	12,156	7,138	3.9	59	2.3	(849)	8,931
Of which:								
UK								
Personal - mortgages	123,653	1,083	158	0.9	15	0.1	17	36
- unsecured	14,348	1,262	1,085	8.8	86	7.6	126	501
Property and construction	38,006	2,814	1,282	7.4	46	3.4	27	2,773
<i>of which: commercial real estate</i>	<i>25,676</i>	<i>2,568</i>	<i>1,107</i>	<i>10.0</i>	<i>43</i>	<i>4.3</i>	<i>(121)</i>	<i>2,575</i>
Other	110,193	2,198	1,182	2.0	54	1.1	125	800
Latent	—	—	330	—	—	—	(303)	—
	286,200	7,357	4,037	2.6	55	1.4	(8)	4,110
Europe								
Personal - mortgages	13,908	2,550	844	18.3	33	6.1	(101)	135
- unsecured	775	49	45	6.3	92	5.8	(5)	12
Property and construction	1,993	1,008	966	50.6	96	48.5	(593)	3,539
<i>of which: commercial real estate</i>	<i>1,628</i>	<i>974</i>	<i>935</i>	<i>59.8</i>	<i>96</i>	<i>57.4</i>	<i>(688)</i>	<i>3,576</i>
Other	7,148	1,011	864	14.1	85	12.1	(8)	1,014
Latent	—	—	255	—	—	—	(103)	—
	23,824	4,618	2,974	19.4	64	12.5	(810)	4,700

Banks	19,004	1	1	—	100	—	(4)	33
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For the notes to this table refer to the following page.

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**Business review Capital and risk management**Credit risk: balance sheet  
analysis continued

## Credit metrics

	Gross loans	REIL	Provisions	REIL as a % of gross loans	Provisions as a % of REIL	Provisions as a % of gross loans	Impairment losses/ (release)	Amounts written-off
	£m	£m	£m	%	%	%	£m	£m
2014								
Central and local government	9,007	1	1	—	100	—	(1)	—
Finance	38,483	364	234	0.9	64	0.6	(5)	23
Personal - mortgages (1)	129,675	4,684	1,375	3.6	29	1.1	(34)	91
Personal - unsecured Property	17,991	1,770	1,536	9.8	87	8.5	300	608
Construction	46,540	12,967	8,905	27.9	69	19.1	(1,084)	2,618
<i>of which: commercial real estate</i>	5,297	970	611	18.3	63	11.5	75	201
	43,317	13,291	9,014	30.7	68	20.8	(1,067)	2,745
Manufacturing	16,343	438	318	2.7	73	1.9	(22)	183
Finance leases (2)	11,290	156	113	1.4	72	1.0	—	75
Retail, wholesale and repairs	15,838	956	645	6.0	67	4.1	108	157
Transport and storage	13,456	1,134	499	8.4	44	3.7	36	211
Health, education and leisure	12,392	704	358	5.7	51	2.9	1	344
Hotels and restaurants	6,093	1,089	574	17.9	53	9.4	(36)	109
Utilities	4,560	156	85	3.4	54	1.9	16	5
Other	25,694	1,458	1,190	5.7	82	4.6	(16)	344
Latent	—	—	1,020	—	—	—	(692)	—
Total excluding Citizens	352,659	26,847	17,464	7.6	65	5.0	(1,354)	4,969
Citizens	60,142	1,330	536	2.2	40	0.9	194	300
Total customers	412,801	28,177	18,000	6.8	64	4.4	(1,160)	5,269
Of which:								
UK								
Personal - mortgages	113,521	1,394	191	1.2	14	0.2	(23)	76
- unsecured	15,923	1,674	1,452	10.5	87	9.1	290	546
Property and construction	41,645	6,702	4,037	16.1	60	9.7	(222)	2,092
<i>of which: commercial real estate</i>	29,366	6,369	3,802	21.7	60	12.9	(181)	2,034
Other	113,782	3,287	2,467	2.9	75	2.2	85	847
Latent	—	—	635	—	—	—	(231)	—
	284,871	13,057	8,782	4.6	67	3.1	(101)	3,561
Europe								
Personal - mortgages	15,629	3,268	1,178	20.9	36	7.5	(10)	10
- unsecured	1,051	76	66	7.2	87	6.3	9	66

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Property and construction	9,076	7,196	5,442	79.3	76	60.0	(784)	723
<i>of which: commercial real estate</i>	7,902	6,908	5,202	87.4	75	65.8	(886)	702
Other	19,104	2,860	2,361	15.0	83	12.4	21	561
Latent	—	—	379	—	—	—	(461)	—
	44,860	13,400	9,426	29.9	70	21.0	(1,225)	1,360
Banks excluding Citizens	23,084	42	40	0.2	95	0.2	(10)	9
Citizens	1,728	—	—	—	—	—	—	—
Total Banks	24,812	42	40	0.2	95	0.2	(10)	9

Notes:

(1) Mortgages are reported in sectors other than personal mortgages by certain businesses based on the nature of the relationship with the customer.

(2) Includes instalment credit.



**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

REIL and impairments flow statements	REIL		Impairment			
	excluding		Citizens		Total	
	Citizens (1)		provisions		impairment	
	REIL (1)	REIL (1)	Citizens	provisions	provisions	impairment
2015	£m	£m	£m	£m	£m	£m
At beginning of year	26,889	1,330	28,219	17,504	536	18,040
Currency translation and other adjustments	(889)	29	(860)	(579)	17	(562)
Additions	4,076	174	4,250	—	—	—
Transfers between REIL and potential problem loans	(222)	—	(222)	—	—	—
Transfer to performing book	(1,120)	—	(1,120)	—	—	—
Repayments and disposals	(7,613)	(1,353)	(8,966)	—	(554)	(554)
Amounts written-off	(8,964)	(180)	(9,144)	(8,964)	(180)	(9,144)
Recoveries of amounts previously written-off	—	—	—	175	78	253
Release to the income statement from continuing operations	—	—	—	(853)	—	(853)
Charge to the income statement from discontinued operations	—	—	—	—	103	103
Unwind of discount	—	—	—	(144)	—	(144)
At end of year	12,157	—	12,157	7,139	—	7,139
2014						
At beginning of year	38,069	1,323	39,392	24,707	518	25,225
Currency translation and other adjustments	(1,125)	75	(1,050)	(710)	21	(689)
Additions	6,733	335	7,068	—	—	—
Transfers between REIL and potential problem loans	(260)	—	(260)	—	—	—
Transfer to performing book	(1,460)	—	(1,460)	—	—	—
Repayments and disposals	(10,090)	(103)	(10,193)	(6)	—	(6)
Amounts written-off	(4,978)	(300)	(5,278)	(4,978)	(300)	(5,278)
Recoveries of amounts previously written-off	—	—	—	102	103	205
Release to the income statement from continuing operations	—	—	—	(1,364)	—	(1,364)
Charge to the income statement from discontinued operations	—	—	—	—	194	194
Unwind of discount	—	—	—	(247)	—	(247)
At end of year	26,889	1,330	28,219	17,504	536	18,040

## Risk elements in lending

The table below analyses REIL between UK and overseas, based on the location of the lending office.

	2015		2014			Accruing past due		
	REIL		Impaired loans REIL		Total	REIL		Total
	Impaired loans	Accruing past due	excluding Citizens (1)	Citizens REIL (1)	REIL (1)	excluding Citizens (1)	Citizens REIL (1)	REIL (1)
	£m	£m	£m	£m	£m	£m	£m	£m
- UK	6,095	1,262	11,562	—	11,562	1,535	—	1,535
- overseas	4,775	25	13,687	1,330	15,017	105	—	105
Total REIL	10,870	1,287	25,249	1,330	26,579	1,640	—	1,640

## Notes:

(1) REIL are stated without giving effect to any security held that could reduce the eventual loss should it occur or to any provisions marked.

(2) For details on impairment methodology refer to Credit risk on page 194 and Accounting policy 15 Impairment of financial assets on page 276.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

*Past due analysis*

The table below shows loans and advances to customers that were past due at the balance sheet date but are not considered impaired.

	2015	2014
	£m	£m
Past due 1-29 days	4,150	3,073
Past due 30-59 days	769	785
Past due 60-89 days	530	586
Past due 90 days or more	1,287	1,640
Total excluding Citizens	6,736	6,084
Citizens	n/a	2,112
Total	6,736	8,196

*Past due analysis by sector*

Personal	3,437	3,554
Property and construction	1,341	1,186
Financial institution	187	60
Other corporate	1,771	1,284
Total excluding Citizens	6,736	6,084
Citizens	n/a	2,112
Total	6,736	8,196

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Securities and AFS reserves

## Debt securities

The table below analyses debt securities by issuer and IFRS measurement classifications. US central and local government includes US federal agencies. The other financial institutions category includes US government sponsored agencies and securitisation entities, the latter principally relating to asset-backed securities (ABS). Ratings are based on the lowest of Standard & Poor's, Moody's and Fitch.

2015	Central and local government			Banks	Other financial institutions	Corporate	Total	Of which ABS
	UK	US	Other					
	£m	£m	£m	£m	£m	£m	£m	£m
Held-for-trading (HFT)	4,107	4,627	22,222	576	3,689	636	35,857	707
Designated as at fair value (DFV)	—	—	111	—	—	—	111	—
Available-for-sale (AFS)	9,124	10,359	12,259	1,801	5,599	108	39,250	2,501
Loans and receivables (LAR)	—	—	—	1	2,242	144	2,387	2,222
Held-to-maturity	4,911	—	—	—	—	—	4,911	—
Long positions	18,142	14,986	34,592	2,378	11,530	888	82,516	5,430
Of which US agencies	—	—	—	—	806	—	806	—
Short positions (HFT)	(4,697)	(3,347)	(11,796)	(391)	(411)	(165)	(20,807)	—
<i>Ratings</i>								
AAA	—	—	11,696	1,696	5,234	3	18,629	3,366
AA to AA+	18,142	14,986	6,879	119	1,611	66	41,803	261
A to AA-	—	—	8,880	420	1,991	147	11,438	445
BBB- to A-	—	—	6,785	79	1,460	301	8,625	363
Non-investment grade	—	—	352	32	526	200	1,110	446
Unrated	—	—	—	32	708	171	911	549
	18,142	14,986	34,592	2,378	11,530	888	82,516	5,430
<i>Available-for-sale</i>								
AFS reserves (gross of tax)	12	(78)	90	4	114	4	146	60
Gross unrealised gains	383	104	270	6	110	7	880	90
Gross unrealised losses	(7)	(62)	(9)	(1)	(58)	(3)	(140)	(42)
Of which:								
less than 12 months	(7)	(58)	(9)	(1)	(30)	(3)	(108)	(14)
more than 12 months	—	(4)	—	—	(28)	—	(32)	(28)

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

	Central and local government			Banks	Other financial institutions	Corporate	Total	Of which ABS
	UK	US	Other					
	£m	£m	£m	£m	£m	£m	£m	£m
2014								
Held-for-trading	6,218	7,709	24,451	1,499	7,372	1,977	49,226	3,559
Designated as at fair value	—	—	111	2	4	—	117	—
Available-for-sale	4,747	5,230	11,058	3,404	5,073	161	29,673	3,608
Loans and receivables	—	—	—	185	2,774	137	3,096	2,734
Held-to-maturity	4,537	—	—	—	—	—	4,537	—
Long positions excluding Citizens	15,502	12,939	35,620	5,090	15,223	2,275	86,649	9,901
Citizens	—	5,781	—	—	9,512	—	15,293	15,276
Total	15,502	18,720	35,620	5,090	24,735	2,275	101,942	25,177
Of which US agencies	—	6,222	—	—	10,860	—	17,082	16,053
Short positions (HFT)	(4,167)	(6,413)	(10,276)	(557)	(674)	(731)	(22,818)	—
<i>Ratings</i>								
AAA	—	—	15,533	1,319	5,139	77	22,068	3,816
AA to AA+	15,502	12,939	9,879	283	4,079	117	42,799	3,055
A to AA-	—	—	4,958	2,670	2,533	340	10,501	687
BBB- to A-	—	—	4,822	277	1,176	772	7,047	845
Non-investment grade	—	—	331	61	827	603	1,822	640
Unrated	—	—	97	480	1,469	366	2,412	858
Total excluding Citizens	15,502	12,939	35,620	5,090	15,223	2,275	86,649	9,901
Citizens	—	5,781	—	—	9,512	—	15,293	15,276
Total	15,502	18,720	35,620	5,090	24,735	2,275	101,942	25,177
<i>Available-for-sale</i>								
AFS reserves (gross of tax)	54	(52)	(9)	12	257	5	267	117
Gross unrealised gains - excluding Citizens	451	144	541	8	166	6	1,316	128
Gross unrealised gains - Citizens	—	66	—	—	195	—	261	261
Gross unrealised gains - total	451	210	541	8	361	6	1,577	389
Gross unrealised losses - excluding Citizens	(1)	(5)	(3)	(1)	(133)	(2)	(145)	(120)
Gross unrealised losses - Citizens	—	(112)	—	—	(25)	—	(137)	(137)
Gross unrealised losses - total	(1)	(117)	(3)	(1)	(158)	(2)	(282)	(257)
Of which:								
less than 12 months	(1)	(82)	(3)	(1)	(49)	—	(136)	(129)
more than 12 months	—	(35)	—	—	(109)	(2)	(146)	(128)

Key points

Total debt securities decreased by £4.1 billion (5%) during 2015, driven by lower held-for-trading positions across all issuer types, largely offset by an increase in available-for-sale securities in Treasury's liquidity portfolio.

HFT: Decreases were due to exit of trading businesses, novation of equities portfolio, balance sheet reduction and risks.

AFS: Increases were due to build up of AFS securities within the liquidity portfolio by Treasury for RBS. Assets underlying RBS's ABS portfolio were more than 80% of European origin compared with 65% a year ago on a like for like basis reflecting the exit from the US asset-backed product business as well as other reductions in Capital Resolution.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

*Asset-backed securities*

The table below summarises the ratings of asset-backed securities on the balance sheet.

2015	RMBS (1) Government sponsored or similar (2)	Prime Non- conforming		Sub-prime CMBS (1) CDOs & CLOs		Other Total ABS		
	£m	£m	£m	£m	£m	£m	£m	
AAA	—	266	749	2	—	78	2,271	3,366
AA to AA+	—	2	150	—	1	12	96	261
A to AA-	109	4	24	5	13	9	281	445
BBB- to A-	—	13	144	20	21	121	44	363
Non-investment grade (3)	—	23	25	143	24	169	62	446
Unrated (4)	—	10	—	1	470	24	44	549
	109	318	1,092	171	529	413	2,798	5,430
2014								
AAA	—	1,471	775	14	30	33	1,493	3,816
AA to AA+	2,012	2	656	17	152	79	137	3,055
A to AA-	120	82	27	3	41	17	397	687
BBB- to A-	—	84	137	12	18	63	531	845
Non-investment grade (3)	—	14	38	135	65	292	96	640
Unrated (4)	—	22	—	24	474	40	298	858
Total excluding Citizens	2,132	1,675	1,633	205	780	524	2,952	9,901
Citizens	10,894	1,155	223	—	3,004	—	—	15,276
Total	13,026	2,830	1,856	205	3,784	524	2,952	25,177

Notes:

Residential mortgage-backed securities (RMBS) and commercial mortgaged-backed securities (CMBS) are securities that represent an interest in a portfolio of residential and commercial mortgages respectively.

Repayments made on the underlying mortgages are used to make payments to holders of the mortgage-backed securities (MBS). The risk of the MBS will vary primarily depending on the quality and geographic region in which the underlying mortgage assets are located and the credit enhancement of the securitisation structure.

- (1) Several tranches of notes are issued, each secured against the same portfolio of mortgages, but providing differing levels of seniority to match the risk appetite of investors. The most junior (or equity) notes will suffer early capital and interest losses experienced by the referenced mortgage collateral, with each more senior note benefiting from the protection provided by the subordinated notes below. Additional credit enhancements may be provided to the holder of senior MBS notes.

The main categories of mortgages that serve as collateral to RMBS held by RBS are set out below and described in the Glossary on pages 431 to 437. The US market has more established definitions of differing underlying mortgage quality and these are used as the basis for RBS's RMBS categorisation.

(2) Includes US agency and Dutch government guaranteed securities.

(3) Comprises HFT £303 million (2014 - £387 million), DFV nil (2014 - nil), AFS £106 million (2014 - £225 million) and LAR £37 million (2014 - £28 million).

(4) Comprises HFT £46 million (2014 - £100 million), AFS £28 million (2014 - £30 million) and LAR £475 million (2014 - £728 million).



**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Equity shares

The table below analyses holdings of equity shares for eurozone countries and other countries with balances of more than £50 million by country, issuer and measurement classification. The HFT positions are used mainly for economic hedging of debt issuances and equity derivatives. The AFS balances are individually small holdings in unlisted companies, mainly acquired through debt for equity transactions in Restructuring.

Countries	2015 HFT				AFS/DFV (1) Other financial			Total AFS/DFV	Total reserves	AFS
	Other financial		Corporate	Total	Banks	institutions (2)	Corporate			
	Banks	institutions (2)								
	£m	£m	£m	£m	£m	£m	£m	£m	£m	
Luxembourg	—	100	—	100	—	—	—	—	100	—
Belgium	—	—	—	—	5	64	—	69	69	6
Netherlands	—	—	1	1	—	—	58	58	59	3
Other	1	36	27	64	—	5	5	10	74	(2)
Total eurozone	1	136	28	165	5	69	63	137	302	7
UK	12	94	174	280	—	422	14	436	716	217
US	—	23	7	30	—	51	2	53	83	6
Japan	—	—	70	70	—	1	—	1	71	—
Australia	22	22	19	63	—	3	—	3	66	3
Switzerland	2	—	2	4	—	78	—	78	82	47
Other	10	8	30	48	—	16	1	17	65	22
Total	47	283	330	660	5	640	80	725	1,385	302
2014										
Total excluding Citizens	383	1,051	3,387	4,821	5	528	281	814	5,635	179
Citizens	—	—	—	—	305	263	4	572	572	—
Total	383	1,051	3,387	4,821	310	791	285	1,386	6,207	179

Notes:

(1) Designated as at fair value through profit or loss balances are £147 million (2014 - £301 million), of which £111 million are other financial institutions (2014 - £130 million) and £36 million are corporate (2014 - £171 million).

(2) Includes government sponsored entities.

(3) HFT short positions of £2 million (2014 - £211 million) included nil (2014 - £15 million) relating to non-periphery eurozone countries.



**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Derivatives

## Summary and net uncollateralised exposures

The table below analyses derivatives by type of contract. The master netting agreements and collateral shown below do not result in a net presentation on the balance sheet under IFRS.

	2015					2014				
	Notional					Assets £m	Liabilities £m	Notional		
	GBP £bn	USD £bn	Euro £bn	Other £bn	Total £bn					£bn
Interest rate	3,295	7,796	6,884	1,808	19,783	206,138	194,854	27,317	269,545	259,892
Exchange rate	200	1,733	621	1,148	3,702	54,938	58,243	4,672	78,672	83,720
Credit	1	29	35	2	67	909	840	125	2,254	2,611
Equity and commodity	5	5	7	1	18	559	796	78	3,119	3,582
	3,501	9,563	7,547	2,959	23,570	262,544	254,733	32,192	353,590	349,805
Counterparty mark-to-market netting						(214,800)	(214,800)		(295,315)	(295,315)
Cash collateral						(27,629)	(25,729)		(33,272)	(30,203)
Securities collateral						(7,535)	(8,213)		(7,013)	(14,437)
Net exposure excluding Citizens						12,580	5,991		17,990	9,850
Citizens						n/a	n/a		402	144
Net exposure						12,580	5,991		18,392	9,994
Net exposure by sector										
Banks (1)						1,011	1,311		1,875	1,534
Other financial institutions (2)						2,864	1,468		4,035	3,721
Corporate (3)						7,816	3,108		10,784	4,238
Government (4)						889	104		1,296	357
Net exposure excluding Citizens						12,580	5,991		17,990	9,850
Citizens						n/a	n/a		402	144
Net exposure						12,580	5,991		18,392	9,994
Net exposure by region of counterparty										
UK						6,270	1,199		9,037	3,233
Europe						4,069	2,408		5,628	3,521
US						639	714		1,142	1,136
RoW						1,602	1,670		2,183	1,960
Net exposure excluding Citizens						12,580	5,991		17,990	9,850
Citizens						n/a	n/a		402	144
Net exposure						12,580	5,991		18,392	9,994

	2015	2014
Asset quality of uncollateralised derivative assets	£m	£m

AQ1	2,335	3,783
AQ2	829	1,623
AQ3	3,421	2,874
AQ4	3,923	6,190
AQ5	1,260	1,579
AQ6	275	608
AQ7	226	566
AQ8	39	135
AQ9	177	149
AQ10	95	483
Total excluding Citizens	12,580	17,990
Citizens	n/a	402
Net exposure	12,580	18,392

Notes:

(1) Transactions with certain counterparties with whom RBS has netting arrangements but collateral is not posted on a daily basis; certain transactions with specific terms that may not fall within netting and collateral arrangements; derivative positions in certain jurisdictions for example China where the collateral agreements are not deemed to be legally enforceable.

(2) Transactions with securitisation vehicles and funds where collateral posting is contingent on RBS's external rating.

(3) Predominantly large corporate with whom RBS may have netting arrangements in place, but operational capability does not support collateral posting. Transactions include foreign exchange hedges and interest rate swaps.

(4) Sovereigns and supranational entities with one way collateral agreements in their favour.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

## Key points

Interest rate contracts: the reduction in notional was driven by continued participation in TriOptima tear up cycles partially offset by trading volume increases movements increased volatility. Fair values also decreased due to continued participation in TriOptima tear ups as well as the impact of a significant upward shift in the Euro and UK yields, partially offset by foreign exchange re-translation and the downward shift in US yields.

Exchange rate contracts: decreases in fair values were partially offset by the impact of the strengthening of the US dollar against the euro and Japanese yen as the portfolio was materially positioned to receive US dollar and pay euro and Japanese yen at year end 2015.

Credit derivatives. Credit compression cycles and the reduction of trading in the US asset-backed products business were the main drivers for the decrease in the notional and fair values.

- Equity contract reductions driven by the run down and continued notional of the equities business to clients.

Net exposure at 31 December 2015 was two thirds of that a year ago decreasing by £5.4 billion to £12.6 billion reflecting bank strategy to reduce the scale of the investment bank.

## Valuation reserves

When valuing financial instruments in the trading book, adjustments are made to mid-market valuations to cover bid-offer spread, liquidity and credit risk. The following table shows credit valuation adjustments (CVA) and other valuation reserves. CVA represents an estimate of the adjustment to fair value that a market participant would make to incorporate the risk inherent in derivative exposures. For discussion of CVA methodology, refer to Financial instruments - valuation on page 300.

	2015	2014
	£m	£m
Credit valuation adjustments (CVA)	774	1,414
Other valuation reserves		
- bid-offer	304	398
- funding valuation adjustment (FVA)	752	718
- product and deal specific	660	657
	1,716	1,773
Valuation reserves	2,490	3,187

The table below analyses CVA relating to counterparties by rating and sector.

	2015	2014
	£m	£m
Ratings		
AAA	37	82

AA to AA+	66	67
A to AA-	49	78
BBB- to A-	293	401
Non-investment grade and unrated	329	786
	774	1,414
Counterparty		
Banks	18	32
Other financial institutions	126	250
Corporate	470	938
Government	160	194
	774	1,414

### Key points

CVA decreased over the period, driven by market movements, principally interest rates, reducing net uncollateralised derivative exposures, realised default losses and tear-ups during 2015.

- Bid-offer reserve decreases were largely driven by risk reduction in CIB.
- Other reserves were broadly unchanged, although FVA increased as a result of market movements during 2015.

**Business review Capital and risk management**

Credit risk: balance sheet analysis continued

Derivatives: settlement basis and central counterparties

The table below analyses the derivative notional and fair value by trading and settlement method.

	Notional				Asset		Liability	
	Traded over the counter				Traded on recognised exchanges	Traded over the counter	Traded on recognised exchanges	Traded over the counter
	Traded on recognised exchanges	Settled by central counterparties	Not settled by central counterparties	Total				
2015	£bn	£bn	£bn	£bn	£m	£m	£m	£m
Interest rate	2,761	11,585	5,437	19,783	—	206,138	2	194,852
Exchange rate	23	—	3,679	3,702	—	54,938	—	58,243
Credit	—	—	67	67	—	909	—	840
Equity and commodity	1	—	17	18	1	558	44	752
Total	2,785	11,585	9,200	23,570	1	262,543	46	254,687
2014								
Interest rate	2,383	18,452	6,482	27,317	5	269,540	5	259,887
Exchange rate	53	—	4,619	4,672	—	78,672	—	83,720
Credit	—	22	103	125	—	2,254	—	2,611
Equity and commodity	—	—	78	78	3	3,116	114	3,468
Total excluding Citizens	2,436	18,474	11,282	32,192	8	353,582	119	349,686
Citizens	—	—	17	17	—	402	—	144
Total	2,436	18,474	11,299	32,209	8	353,984	119	349,830

## Credit derivatives

RBS trades credit derivatives to meet client needs and to mitigate its own credit risk. Credit derivative exposures relating to proprietary trading are minimal.

As part of its credit risk strategy to manage credit risk concentrations, RBS buys credit derivative products. The counterparties from which this protection is bought are subject to standard credit risk analysis. Eligibility criteria apply: credit protection bought from the same corporate group as the reference entity is not eligible in cases where double default under CRR article 153(3) applies. A summary of the notional principal amount of credit derivative transactions is detailed in the following table, split between protection bought for portfolio management purposes and that relating to intermediation in the credit derivative markets.

The table below analyses bought and sold protection.

2015

2014

By type

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	Notional		Fair value		Notional		Fair value	
	Bought/Sold		Bought/Sold		Bought/Sold		Bought/Sold	
	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn
Client-led trading/residual risk (1)	22.0	16.6	—	0.2	52.1	50.0	0.9	1.3
Credit hedging - banking book (2)	0.9	—	0.1	—	1.8	—	0.1	—
Credit hedging - trading book								
- rates	15.3	9.5	(0.2)	(0.1)	14.1	6.1	0.2	0.3
- credit and mortgage markets	1.3	0.7	0.2	0.1	0.4	—	0.2	—
- other	0.4	—	—	—	0.5	—	—	—
	39.9	26.8	0.1	0.2	68.9	56.1	1.4	1.6

By use	2015				2014			
	Notional		Fair value		Notional		Fair value	
	CDS	TRS	CDS	TRS	CDS	TRS	CDS	TRS
	£bn	£bn	£bn	£bn	£bn	£bn	£bn	£bn
Credit portfolios - bought protection	0.9	—	0.1	—	1.8	—	0.1	—
Intermediations - bought protection	36.7	2.3	0.1	—	66.9	0.2	1.3	—
- sold protection	26.1	0.7	(0.1)	—	55.4	0.8	(1.7)	—
	63.7	3.0	0.1	—	124.1	1.0	(0.3)	—

Of which:	2015		2014	
	Notional	Net exposure	Notional	Net exposure
	£bn	£bn	£bn	£bn
Monoline insurers	0.5	0.1	0.1	0.1
CDPCs	8.4	—	15.2	—

Notes:

(1) Residual risk relates to legacy positions in Capital Resolution in 2014.

(2) Credit hedging in the banking book principally relates to portfolio management in Capital Resolution.



## Business review Capital and risk management

### Market risk

#### Definition

Market risk is the risk of losses arising from fluctuations in interest rates, credit spreads, foreign currency rates, equity prices, commodity prices and other factors, such as market-implied volatilities, that may lead to a reduction in earnings, economic value or both.

RBS is exposed to traded market risk through its trading activities and to non-traded market risk as a result of its banking activities. In many respects, it manages its traded and non-traded market risk exposures separately, largely in line with the regulatory definitions of the trading and non-trading books.

The following disclosures in this section are audited:

#### Traded market risk - Internal VaR

#### Non-traded market risk:

- Interest rate risk VaR; VaR for selected AFS non-trading portfolios; Structured credit portfolio
- Foreign exchange risk

#### Overview and key developments\*

During 2015, RBS continued to align its business with bank strategy, with an impact on both traded and non-traded market risk. Overall, this resulted in a further reduction of risk, a notable driver of which was the exit from a significant part of US asset-backed product (ABP) trading in the first half of the year.

Following the restructuring of the CIB business in Q4 2015, the Market Risk function adjusted to the new structure and re-calibrated its market risk limits.

Value-at-risk (VaR) remained volatile, reflecting a number of geopolitical developments and macroeconomic factors, as detailed on page 243.

The increased market volatility and reduced liquidity were also the key drivers of the back-testing exceptions recorded by the VaR models of RBS plc and NatWest Plc. For more information, refer to page 243.

The completion of the disposal of Citizens during the year further reduced the non-traded market risk exposures arising mainly from its retail and commercial banking activities and Treasury portfolios.

#### Sources of risk\*

##### Traded market risk

The majority of traded market risk exposure arises in CIB and Capital Resolution.

The primary objective of RBS's trading activities is to provide a range of financing, risk management and investment services to its customers - including major corporations and financial institutions around the world. From a market risk perspective, the trading activities are included within the following markets: currencies; emerging markets; rates; asset-backed products; and traded credit.

RBS undertakes transactions in financial instruments including debt securities, loans, deposits and equities, as well as securities financing and derivatives.

Some of these transactions involve trading or clearing financial instruments on an exchange, including interest rate swaps, futures and options. Holders of these instruments provide margin on a daily basis with cash or other security at the exchange.

Other products are not transacted on an exchange. Of these over-the-counter transactions, those with standard terms may be cleared through central counterparties, while those that are more complex are settled directly with the counterparty and may give rise to counterparty credit risk. For more information on the management of counterparty credit risk, refer to the Credit risk section on page 193.

##### Non-traded market risk

The majority of RBS's non-traded market risk exposure arises from retail and commercial banking activities in all franchises from assets and liabilities that are not classified as held for trading.

Non-traded market risk is largely managed in line with the following three key categories: interest rate risk; foreign exchange risk; and equity risk.

#### Interest rate risk

Non-traded interest rate risk (NTIRR) arises from the provision to customers of a range of banking products that have differing interest rate characteristics. When aggregated, these products form portfolios of assets and liabilities with varying degrees of sensitivity to changes in market interest rates. Mismatches in these characteristics can give rise to volatility in net interest income as interest rates vary.

NTIRR comprises four primary risk factors: repricing risk, yield curve risk, basis risk and optionality risk. For more information, refer to page 251.

#### Foreign exchange risk

Non-traded foreign exchange risk exposures arise from two main sources:

*Structural foreign exchange risk* - arising from the capital deployed in foreign subsidiaries, branches and joint arrangements and related currency funding where it differs from sterling; and

*Transactional foreign exchange risk* - arising from customer transactions and profits and losses that are in a currency other than the functional currency of the transacting operation.

#### Equity risk

Non-traded equity risk is the potential variation in income and reserves arising from changes in the values of non-trading book equity positions. Equity exposures may arise through strategic acquisitions, venture capital investments and certain restructuring arrangements.

#### Pension risk

Pension-related activities also give rise to market risk. Refer to pages 188 to 189 for more information on risk related to pensions.

\*unaudited



## **Business review Capital and risk management**

### Market risk continued

#### Risk governance\*

The Market Risk function is responsible for identifying, measuring, monitoring and controlling the market risk arising from both trading and non-trading activities.

For general information on risk governance, refer to the Risk governance section on page 144.

More specific information on the governance, management and measurement of traded and non-traded market risk is provided in each of the dedicated sections below.

#### Risk appetite\*

RBS's qualitative market risk appetite is set out in policy statements.

Its quantitative market risk appetite is expressed in terms of limits for the trading and non-trading activities that are consistent with business plans.

The Director of Market Risk cascades the limits further down the organisation as required. For each trading business, a document known as a dealing authority compiles details of all applicable limits and trading restrictions.

The limit framework at RBS level comprises VaR, stressed value-at-risk (SVaR) and sensitivity and stress limits (for more details on VaR and SVaR, refer to pages 241 to 246). The limit framework at trading unit level also comprises additional metrics that are specific to the market risk exposures within its scope. These additional metrics aim to control various risk dimensions such as product type, exposure size, aged inventory, currency and tenor.

The limits are reviewed to reflect changes in risk appetite, business plans, portfolio composition and the market and economic environments.

To ensure approved limits are not breached and that RBS remains within its risk appetite, triggers at RBS and lower levels have been set such that if exposures exceed a specified level, action plans are developed by the front office, Market Risk and Finance.

For further information on risk appetite, refer to page 148.

#### Risk controls and assurance

For information on risk controls and assurance, refer to page 147.

#### Traded market risk

##### Risk assessment

Identification and assessment of traded market risk is achieved through gathering, analysing, monitoring and reporting market risk information by business line or at a consolidated level. Industry expertise, continued system developments and techniques such as stress testing are also used to enhance the effectiveness of the identification and assessment of all material market risks.

This is complemented by the New Product Risk Assessment process, which requires market risk teams to assess and quantify the market risk associated with all proposed new products.

##### Risk monitoring\*

Traded market risk exposures are monitored against limits and analysed daily by market risk reporting and control functions. A daily report that summarises market risk exposures against the limits set by the Executive Risk Forum is sent to the Chief Risk Officer and market risk managers across the function.

The market risk function also prepares daily risk reports that detail exposures against a more granular set of limits and triggers.

Limit reporting is supplemented with regulatory capital and stress testing information as well as ad hoc reporting.

A market risk update is also included in the RBS Risk Management Monthly Report provided to the Executive Committee, the Board Risk Committee and the Board. The update focuses on risk profiles relative to risk appetite; it also covers the key risks and trends, together with a discussion of relevant issues and market topics.

The reporting and updates facilitate frequent reviews and discussions of traded market risk exposures and related issues between the market risk functions, senior management and the front office.

#### Risk measurement

RBS uses a comprehensive set of methodologies and techniques to measure traded market risk.

The main measurement methods are VaR and SVaR. Risks that are not adequately captured by these model methodologies are captured by the risks not in VaR (RNIV) framework to ensure that RBS is adequately capitalised for market risk. In addition, stress testing is used to identify any vulnerabilities and potential losses in excess of VaR and SVaR.

The key inputs into these measurement methods are market data and sensitivities. Sensitivities refer to the changes in deal or portfolio value that result from small changes in market parameters that are subject to the market risk limit framework.

\*unaudited

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## **Business review Capital and risk management**

### Market risk continued

These methods have been designed to capture correlation effects and allow RBS to form an aggregated view of its traded market risk across risk types, markets and business lines while also taking into account the characteristics of each risk type.

### Value-at-risk\*

VaR is a statistical estimate of the potential change in the market value of a portfolio (and, thus, the impact on the income statement) over a specified time horizon at a given confidence level.

For internal risk management purposes, VaR assumes a time horizon of one trading day and a confidence level of 99%. The VaR model is based on a historical simulation, utilising market data from the previous 500 days on an equally weighted basis.

The internal traded VaR model captures all trading book positions including those products approved by the regulator. For an explanation of the distinction between internal VaR and regulatory VaR, refer to page 248.

The internal VaR model captures the potential impact on the income statement of the following risk factors:

Interest rate risk - which arises from the impact of changes in interest rates and volatilities on cash instruments and derivatives. This includes interest rate tenor basis risk and cross-currency basis risk.

Credit spread risk - which arises from the impact of changes in the credit spreads of sovereign bonds, corporate bonds, securitised products and credit derivatives.

- Currency risk - which arises from the impact of changes in currency rates and volatilities.
- Equity risk - which arises from the impact of changes in equity prices, volatilities and dividend yields.
- Commodity risk - which arises from the impact of changes in commodity prices and volatilities.

The following types of risk - which are components of the above-mentioned factors - are also considered:



Basis risk - which is the risk that imperfect correlation between two instruments in a hedging strategy creates the potential for excess gains or losses, thus adding risk to the position;

· Prepayment risk - which is the risk associated with early unscheduled return of principal on a fixed rate security; and

· Inflation risk - which is the risk of a decrease in the value of instruments as a result of changes in inflation rates and associated volatilities.

#### VaR limitations\*

Historical VaR and RBS's implementation of this risk measurement methodology have a number of known limitations, as summarised below, and VaR should be interpreted in light of these. RBS's approach is to supplement VaR with other risk metrics that address these limitations to ensure appropriate coverage of all material market risks.

Historical simulation VaR may not provide the best estimate of future market movements. It can only provide a forecast of portfolio losses based on events that occurred in the past. The RBS model uses the previous 500 days of data; this period represents a balance between model responsiveness to recent shocks and risk factor data coverage.

The use of a 99% confidence level VaR statistic does not provide information about losses beyond this level, usually referred to as 'tail' risks. These risks are more appropriately assessed using measures such as SVaR and stress testing.

The use of a one-day time horizon does not fully capture the profit and loss implications of positions that cannot be liquidated or hedged within one day. This may not fully reflect market risk at times of severe illiquidity in the market when a one-day period may be insufficient to liquidate or hedge positions fully. Thus, the regulatory VaR that is used for modelled market risk capital uses a ten-day time horizon.

Finally, volatile market conditions, such as those experienced in 2015, can lead to new risk factors emerging. RBS addresses this issue by using a combination of proxy risk factors and the RNIV framework to supplement the VaR model.

\*unaudited

**Business review Capital and risk management**

## Market risk continued

## 1-Day 99% traded internal VaR 2015

The table below analyses 1-day 99% internal VaR for RBS's trading portfolios, segregated by type of market risk exposure.

	2015				2014			
	Average	Period end	Maximum	Minimum	Average	Period end	Maximum	Minimum
	£m	£m	£m	£m	£m	£m	£m	£m
Interest rate	14.5	12.8	29.8	9.5	17.4	16.9	39.8	10.8
Credit spread	10.1	7.1	16.4	6.5	23.1	14.2	42.8	13.4
Currency	4.9	5.0	8.9	1.9	4.7	5.5	9.7	1.0
Equity	1.6	0.8	6.1	0.4	3.0	3.7	6.5	1.2
Commodity	0.4	0.5	2.2	0.2	0.6	0.4	2.5	0.3
Diversification (1)		(9.1)				(18.2)		
Total	18.9	17.1	30.1	12.1	27.8	22.5	58.2	17.1

## Note:

RBS benefits from diversification as it reduces risk by allocating positions across various financial instrument types, currencies and markets. The extent of the diversification benefit depends on the correlation between the assets and risk factors in the portfolio at a particular time. The diversification factor is the sum of the VaR on individual risk types less the total portfolio VaR.

## Key points

Total traded VaR decreased in 2015, falling by 24% on a period end basis and by 32% on an average basis. This reflected the continued alignment of the trading business with the bank's strategic ambitions. A notable driver was the decrease in credit spread VaR reflecting the exit from a significant part of US asset-backed product (ABP) trading in the first half of 2015.

VaR remained volatile, reflecting developments in the eurozone periphery, evolving geopolitical risks - notably, developing tensions in the Middle East and in Russia and Ukraine - and a number of other macroeconomic factors. These included, but were not limited to, the Swiss central bank's unexpected removal of the Swiss franc's peg to the euro in January and growing concerns regarding economic slowdown in China.



**Business review Capital and risk management**

Market risk continued

*VaR validation\**

Quantitative analysis is used to:

· Perform internal back-testing to complement the regulatory back-testing; and

· Identify risks not adequately captured in VaR, and ensure that such risks are addressed via the RNIV framework (refer to page 246).

In addition, as part of ongoing risk management, any market or portfolio weaknesses that could become significant are identified.

The VaR model is also subject to independent reviews carried out by Model Risk Management (refer to page 147).

As well as being an important market risk measurement and control tool, the VaR model is also used to determine a significant component of the market risk capital requirement (refer to page 246 for more information on calculation of capital requirements). Therefore, it is subject to not only ongoing internal review and validation but also regulator-prescribed back-testing.

*VaR back-testing\**

The main approach employed to assess the ongoing performance of the VaR model is back-testing, which counts the number of days when a loss exceeds the corresponding daily VaR estimate, measured at a 99% confidence level.

Two types of profit and loss (P&L) are used in back-testing comparisons: Actual P&L and Hypothetical (Hypo) P&L.

The Actual P&L for a particular business day is the firm's actual P&L for that day in respect of the trading activities within the scope of the firm's regulatory VaR model, including any intraday activities, adjusted by stripping out fees and commissions, brokerage, and additions to and releases from reserves that are not directly related to market risk.

The Hypo P&L reflects the firm's Actual P&L excluding any intra-day activities.

A portfolio is said to produce a back-testing exception when the Actual or Hypo P&L exceeds the VaR level on a given day. Such an event may be caused by a large market movement or may highlight issues such as missing risk factors or inappropriate time series. Any such issues identified are analysed and addressed through taking appropriate remediation or development action. RBS monitors both Actual and Hypo back-testing exceptions.

Back-testing at the legal entity level is performed and reported on 1-day 99% regulatory VaR. Back-testing at the franchise level and lower-level portfolios is performed on 1-day 99% internal VaR.

The graph below presents 1-day 99% regulatory VaR vs. Actual and Hypo P&L for RBS plc, RBS's largest legal entity by market risk RWAs and positions.

\*unaudited

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**Business review Capital and risk management**

## Market risk continued

The table below shows regulatory back-testing exceptions for a period of 250 business days for 1-day 99% traded regulatory VaR vs. Actual and Hypo P&L for the legal entities approved by the PRA and De Nederlandsche Bank.

Description	Back-testing exceptions		Model status
	Actual	Hypo	
The Royal Bank of Scotland plc (1)	4	3	Green
National Westminster Bank Plc	9	7	Amber
RBS Securities Inc (RBSSI)	4	3	Green
RBS Financial Products Inc	—	—	Green
The Royal Bank of Scotland N.V.	3	3	Green

Note:

(1) A waiver was obtained for the RBS plc exception (Actual and Hypo) on 22 June 2015 as it was considered to be of a technical nature. Therefore, this exception is not included in the table above.

## Key points

Statistically RBS would expect to see back-testing exceptions 1% of the time over a period of 250 business days. From a capital requirement perspective, the PRA categorises a firm's VaR model as green, amber or red. A green model status is consistent with a satisfactory VaR model and is achieved for models that have four or fewer exceptions in a continuous 250-day period. An amber model status suggests potential issues regarding the quality or accuracy of the model in question but no definitive conclusions.

Most of the back-testing exceptions experienced in the period were driven by the higher market volatility and reduced liquidity.

The exceptions in RBS plc resulted from losses in the Rates business due to the rates sell-off and steepening across the euro and sterling curves between May and August. In addition, the exception on 31 December 2015 was due to various valuation adjustments carried out at the year end to re-mark the prices of certain trades.

NatWest Plc experienced nine exceptions during the period. There is normally a back-to-back arrangement with RBS plc. However, on the dates when the exceptions occurred, the residual risk at end of the day resulted in the exceptions due to the business being adversely positioned to market moves.

The exceptions in RBSSI resulted from losses in the US Rates business due to adverse rate movements, losses on the sale of positions from Capital Resolution and the sell-down of residual equity positions as part of disposal strategy.

The exceptions in RBS N.V. were mainly due to market moves adversely affecting Chinese renminbi positions.

The table below shows internal back-testing exceptions for a period of 250 days for 1-day 99% traded internal VaR vs. Actual and Hypo P&L for major CIB businesses.

Description	Back-testing exceptions	
	Actual	Hypo
Rates	—	2
Credit	2	4
Currencies	2	7
Securitised Products	1	1

#### Key points

As noted above, statistically RBS would expect to see back-testing exceptions 1% of the time over the 250-day period.

The top-level businesses presented in the table above are subject to quarterly review by the PRA. For these businesses, exceptions were noted during the period and analysis conducted as explained below.

- The exceptions in the Rates business were driven by rates and volatility changes adversely affecting the desk.
- The exceptions in the Credit business were mainly driven by mark-downs and by tightening of CDS spreads.

The exceptions in the Currencies business were mainly due to market moves adversely affecting spot and volatility foreign exchange positions.

- The exception in the Securitised Products business was due to a loan re-mark.

**Business review Capital and risk management**

Market risk continued

*Stressed VaR (SVaR)\**

As with VaR, the SVaR technique produces estimates of the potential change in the market value of a portfolio, over a specified time horizon, at a given confidence level. SVaR is a VaR-based measure using historical data from a one-year period of stressed market conditions.

The risk system simulates 99% VaR on the current portfolio for each 250-day period from 1 January 2005 to the current VaR date, moving forward one day at a time. The SVaR is the worst VaR outcome of the simulated results.

This is in contrast with VaR, which is based on a rolling 500-day historical data set. For the purposes of both internal risk management and regulatory SVaR calculation, a time horizon of ten trading days is assumed with a confidence level of 99%.

The internal traded SVaR model captures all trading book positions, including not only those products, locations and legal entities approved by the regulator.

*10-day 99% trading internal SVaR\**

	2015	2014
	£m	£m
Total RBS	145	194

**Key point**

The 25% decline in SVaR was consistent with the decrease in VaR and was primarily driven by the exit from US ABP trading.

*Risks not in VaR (RNIVs)\**

The RNIV approach is used for market risks that are insufficiently captured by the VaR and SVaR model methodologies, for example due to a lack of suitable historical data. The RNIV framework has been developed to quantify these market risks and to ensure that RBS holds adequate capital.

The need for an RNIV calculation is typically identified in one of the following two circumstances: (i) as part of the New Product Risk Assessment process, when a risk manager assesses that the associated risk is not adequately captured by the VaR model; or (ii) as a result of a recommendation made by Model Risk Management or the model



validation team when reviewing the VaR model.

The RNIV calculations provide a capital estimate of risks not captured in the VaR model and are regularly reported and discussed with senior management and the regulator. The methodology used in the material RNIV calculations is internally reviewed by Model Risk. Where appropriate, risk managers set sensitivity limits to control specific risk factors giving rise to the RNIV. RNIV calculations form an integral part of RBS's ongoing model and data improvement efforts to capture all market risks in scope for model approval in VaR and SVaR.

RBS adopts two approaches for the quantification of RNIVs:

- A VaR/SVaR approach. Under this approach, two values are calculated: (i) the VaR RNIV; and (ii) the SVaR RNIV.

- A stress-scenario approach. Under this approach, an assessment of ten-day extreme, but plausible, market moves is used in combination with position sensitivities to give a stress-type loss number - the stress-based RNIV value.

For each legal entity covered by the PRA VaR approval (refer to Regulatory VaR), RNIV amounts are aggregated to obtain the following three measures: (i) Total VaR RNIV; (ii) Total SVaR RNIV; and (iii) Total stress-based RNIV. In each of these categories, potential diversification benefits between RNIVs are ignored.

The most material categories of RNIV are proxied sensitivities or risk factors, missing basis risks and static pricing parameters.

RNIVs that are related specifically to instruments that have level 3 valuation hierarchy assumptions (refer to page 307) are mainly included in the following categories: proxied sensitivities or risk factors, higher-order sensitivity terms, and static pricing parameters.

\*unaudited

**Business review Capital and risk management**

Market risk continued

The table below analyses capital requirements related to RNIVs.

	2015	2014
	£m	£m
Risks not in VaR	39	57
Risks not in SVaR	66	79
Stress-based RNIV	116	183
	221	319

**Key point**

The total RNIV charge fell by 31% year on year, primarily in stress-based RNIV reflecting ongoing improvements in the capture of risks in the RNIV framework.

*Stress testing\**

RBS undertakes daily market risk stress testing to identify vulnerabilities and potential losses in excess of or not captured in VaR. The calculated stresses measure the impact of changes in risk factors on the fair values of the trading and available-for-sale portfolios.

RBS conducts historical, macroeconomic and vulnerability-based stress testing.

Scenario-based sensitivity analysis measures the sensitivity of the current portfolio to defined movements in market risk factors. These risk factor movements and the resulting valuation changes are typically smaller than those considered in other stress tests.

Historical stress testing is a measure that is used for internal management. Using the historical simulation framework used for VaR, the current portfolio is stressed using historical data since 1 January 2005. The methodology simulates the impact of the 99.9 percentile loss that would be incurred by historical risk factor movements over the period, assuming variable holding periods specific to the risk factors and the businesses.

Historical stress tests form part of the market risk limit framework and their results are reported daily to senior management

Macroeconomic stress tests are carried out periodically as part of the firm-wide, cross-risk capital planning process. The scenario narratives are translated into risk factor shocks using historical events and insights by economists, risk managers and the front office. Market risk stress results are combined with those for other risks into the capital plan that is presented to the Board. The cross-risk capital planning process is conducted twice a year, in April/May and October/November, with a planning horizon of five years. The scenario narratives cover both regulatory scenarios and macroeconomic scenarios identified by the firm.

Vulnerability-based stress testing begins with the analysis of a portfolio and expresses the key vulnerabilities of the portfolio in terms of plausible, so-called vulnerability scenarios under which the portfolio would suffer material losses. These scenarios can be historical, macroeconomic or forward-looking/hypothetical. Vulnerability-based stress testing is used for internal management information and is not subject to limits. However, relevant scenarios are reported to senior management.

#### *Economic capital\**

The market risk economic capital framework uses models to calculate the market and default risk in the trading book which are aligned with other models that are used for limit setting and market risk management. The results are annualised to be consistent with the other economic capital models to permit consolidation of all risk types as part of the RBS-wide economic capital programme.

#### **Market risk regulatory capital\***

##### *Regulatory treatment*

The market risks subject to capital requirements under Pillar 1 are primarily interest rate, credit spread and equity risks in the trading book and foreign exchange and commodity risks in both the trading and non-trading books. Interest rate and equity risks are split between general and specific risks. General risks represent market risks due to a move in a market as a whole, such as a main index or yield curve, while specific risks represent market risks arising from events particular to an underlying issuer.

RBS uses two broad methodologies to calculate its market risk capital charge: (i) the non-modelled approach, whereby regulator-prescribed rules are applied, and (ii) the internal model approach, where, subject to regulatory approval, a model such as VaR is used to calculate the capital charge.

The internal model approach is used to calculate about 78% (2014 - 76%) of RBS's market risk capital charge.

VaR and SVaR capture general and specific risks but not risks arising from the impact of defaults and rating changes associated with traded credit products and their derivatives. For these risks, two product-dependent approaches are used:

The incremental risk charge (IRC) model captures risks arising from rating migration and default events for the more liquid traded credit instruments and their derivatives.

Securitisation and re-securitisation risks in the trading book are treated with the non-trading book non-modelled capitalisation approach.

\*unaudited

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**Business review Capital and risk management**

Market risk continued

*Market risk RWAs by legal entity and by regulatory approach*

Market risk RWAs of £21 billion and minimum capital requirement of £1.7 billion are composed as presented below.

*Regulatory VaR*

RBS's VaR model has been approved by the PRA to calculate its regulatory market risk capital requirement for the trading book for those legal entities under its jurisdiction. These legal entities are RBS plc, NatWest Plc, RBS Securities Inc and RBS Financial Products Inc.

While internal VaR provides a measure of the economic risk, regulatory VaR is one of the measures of regulatory capital requirements by legal entity.

The calculation of regulatory VaR differs from that of the internal VaR as it takes into account only regulator-approved products, locations and legal entities and it is based on a ten-day, rather than a one-day, holding period for market risk capital calculations.

The PRA approval covers general market risk in interest rate, foreign exchange, equity and commodity products and specific market risk in interest rate and equity products.

*Regulatory SVaR\**

RBS's SVaR model has also been approved by the PRA for use in the capital requirement calculation. The distinction between regulatory SVaR and internal SVaR is the same as that between regulatory VaR and internal VaR.

*Risks not in VaR*

As discussed earlier, RBS has an established RNIV framework that ensures that the risks not captured in VaR are adequately covered by its capital.

*Incremental risk charge (IRC)\**

The IRC model quantifies the impact of rating migration and default events on the market value of instruments with embedded credit risk (in particular, bonds and credit default swaps) that are held in the trading book. It further captures basis risk between different instruments, maturities and reference entities. Following the internal ratings-based approach for credit risk, the IRC is calculated over a one-year capital horizon with a 99.9% confidence level. The dependency of positions is modelled using a single-factor Gaussian copula.

The IRC is mainly driven by three-month credit rating transition, default and correlation parameters. The portfolio impact of correlated defaults and rating changes is assessed by observing changes in the market value of positions using stressed recovery rates and modelled credit spread changes. Revaluation matrices are used to capture any non-linear behaviour.

\*unaudited

**Business review Capital and risk management**

## Market risk continued

## Market risk capital\*

## Minimum capital requirements

The following table analyses RBS's total market risk minimum capital requirement at 31 December 2015, calculated in accordance with the Capital Requirements Regulation (CRR); this represents 8% of the corresponding RWA amount, £21 billion. It comprises a number of regulatory capital requirements split into two categories: (i) the non-modelled position risk requirement (PRR) of £377 million, which has several components; and (ii) the Pillar 1 model-based PRR of £1.3 billion, which comprises several modelled charges.

	2015	2014
	£m	£m
Interest rate position risk requirement	85	116
Equity position risk requirement	1	1
Option position risk requirement	6	7
Commodity position risk requirement	—	2
Foreign currency position risk requirement	155	63
Specific interest rate risk of securitisation positions	130	270
Total (non-modelled approach)	377	459
Pillar 1 model based position risk requirement	1,323	1,458
Total market risk minimum capital requirement	1,700	1,917

The following table analyses the principal contributors to the Pillar 1 model-based PRR presented in the previous table.

	2015		2014		
	Average	Maximum	Minimum	Period end	Period end
	£m	£m	£m	£m	£m
Value-at-risk	359	400	319	377	329
Stressed VaR	512	556	477	477	511
Incremental risk charge	276	348	248	248	299
Risks not in VaR	261	319	221	221	319
				1,323	1,458

## Key points

RBS's total market risk minimum capital requirement fell in 2015, driven by decreases in both the non-modelled component and the overall Pillar 1 model-based component.

The decrease in the non-modelled PRR was largely driven by a decline in trading book securitisations as a result of asset disposals, in line with the wind-down of the US ABP business. This was partially offset by an increase in the

foreign currency PRR, reflecting the sale of Citizens, which led to an increase in the US dollar capital position.

Overall, the Pillar 1 model-based PRR decreased by 9% during 2015, primarily driven by reductions in the IRC and the RNIV charge, offset partly by an increase in the VaR charge.

The IRC fell by 17%, driven by a reduction in investment grade corporate bond inventory for the US business, in line with risk reduction strategy. In addition, the European market-making business slightly reduced its shorter-dated exposure to the eurozone periphery. The IRC figures presented in the table above differ from those in the table on the following page for the reasons explained in the note to that table. The average liquidity horizon by position at the year end was 3.2 months (2014 - 3.3 months).

The decline in the RNIV charge is explained on page 247.

The SVaR charge fell by 7%, reflecting risk reduction in RBS NV, in line with strategy, and risk reduction in the US Rates and ABP businesses.

The VaR charge increased by 15%, driven by risk increases across the Rates business, primarily related to the European and US swap portfolios and the US options business.

\*unaudited

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**Business review Capital and risk management**

## Market risk continued

## IRC by rating and product category

The following table analyses the IRC by rating and product.

2015	Internal ratings (1)							Total
	AAAAA	A	BBB	BB	B	CC	Total	
	£m	£m	£m	£m	£m	£m	£m	£m
<i>Product categories</i>								
Cash - asset-backed securities	—	—	—	—	0.2	—	—	0.2
Cash - regular	16.1	17.5	82.7	74.1	48.8	0.5	3.1	242.8
Derivatives - credit	(0.1)	(8.5)	3.9	(20.1)	(8.2)	(3.4)	(3.4)	(39.8)
Derivatives - interest rate	(0.7)	1.8	1.6	(18.0)	(1.0)	0.3	—	(16.0)
Total	15.3	10.8	88.2	36.0	39.8	(2.6)	(0.3)	187.2

2014

*Product categories*

Cash - asset-backed securities	1.6	—	0.2	0.3	(1.6)	0.6	—	1.1
Cash - regular	36.3	49.4	71.0	67.0	53.4	3.5	2.3	282.9
Derivatives - credit	(3.9)	(11.8)	4.4	3.2	(19.1)	0.8	(0.3)	(26.7)
Derivatives - interest rate	(10.0)	(1.4)	0.2	1.5	1.2	—	—	(8.5)
Other	0.8	—	—	—	—	—	—	0.8
Total	24.8	36.2	75.8	72.0	33.9	4.9	2.0	249.6

## Notes:

(1) Based on an assessment of S&P, Moody's and Fitch ratings, where available, or on RBS's internal master grading scale.

The figures presented are based on the spot IRC charge at 31 December 2015 and will therefore not agree with the (2) IRC position risk requirement, as this is based on the 60-day average. The figures presented above are in capital terms.

(3) The IRC figures by product category presented above are based on an internal allocation and do not constitute standalone position risk requirements.

## Key point

Spot IRC capital fell £62.4 million or 25% year on year, for the same reasons noted on the previous page for the IRC PRR.

## Securitisation positions in the trading book

The following table shows the capital requirement for trading book securitisation positions by rating.

	Ratings (1)					Unrated	Total (1,2)	Non- modelled PRR (3)
	AAAAA	AAA	AA	A	BBB grade			
	£m	£m	£m	£m	£m	£m	£m	%
2015								
Trading book securitisation charge	1.1	0.2	0.6	4.3	81.4	42.8	130.4	0.7
2014								
Trading book securitisation charge	3.9	1.0	4.1	22.1	148.9	90.3	270.3	10.0

Notes:

- (1) Based on S&P ratings.
- (2) Includes both long and short positions.
- (3) Percentage of total non-modelled position risk requirement.
- (4) There were no capital deductions in 2014 or 2015.

\*unaudited

**Business review Capital and risk management**

Market risk continued

Valuation and independent price verification

Traders are responsible for marking-to-market their trading book positions daily, ensuring that assets and liabilities in the trading book are measured at their fair value. Any profits or losses on the revaluation of positions are recognised daily.

Product controllers are responsible for ensuring that independent price verification processes are in place covering all trading book positions held by their business. Independent price verification and trader supervision are the key controls over front office marking of positions.

Model validation\*

RBS uses a variety of models to manage and measure market risk. These include pricing models (used for valuation of positions) and risk models (for risk measurement and capital calculation purposes). They are developed in both RBS-level and lower-level functions and are subject to independent review and sign-off.

For general information on the independent model validation carried out by Model Risk Management (MRM), which applies also to market risk models (including VaR), refer to page 147. Additional details relating to pricing and market risk models are presented below.

Pricing models

Pricing models are developed by a dedicated front office quantitative team, in conjunction with the trading desk. They are used for the valuation of positions for which prices are not directly observable and for the risk management of the portfolio.

Any pricing models that are used as the basis for valuing books and records are subject to approval and oversight by asset-level modelled product review committees.

These committees comprise representatives of the major stakeholders in the valuation process - trading, finance, market risk, model development and model review functions.

The review process comprises the following steps:

The committees prioritise models for review by MRM, considering the materiality of the risk booked against the model and an assessment of the degree of model risk, that is the valuation uncertainty arising from the choice of modelling assumptions.

MRM quantifies the model risk by comparing front office model outputs with those of alternative models independently developed by MRM.

The sensitivities derived from the pricing models are validated.

The conclusions of the review are used by MRM to inform risk limits and by Finance to inform model reserves.

#### Risk models

All model changes are approved through model governance committees at franchise level. Changes to existing models that have an impact on VaR exceeding 5% at legal entity level or 15% at a major business level are also subject to MRM review and sign-off as are all model changes that require regulator approval before implementation.

MRM's independent oversight provides additional assurance that RBS holds appropriate capital for the market risk to which it is exposed.

In addition to MRM's independent oversight, the model testing team monitors the model performance for market risk through back-testing, which is discussed in more detail on page 244, and other processes.

#### Non-traded market risk

##### Risk governance

RBS manages the three key categories of non-traded market risk separately. The categories are: non-traded interest rate risk; non-traded foreign exchange risk; and non-traded equity risk.

The Chief Risk Officer delegates responsibility for day-to-day control of non-traded market risk to the Director of Market Risk.

Non-traded market risk positions are reported to the ALCo and the Board, monthly in the case of interest rate risk and quarterly in the case of foreign exchange and equity risk.

The Executive Risk Forum (ERF) approves the non-traded market risk framework. The non-traded market risk policy statement sets out the governance and risk management framework through effective identification, measurement, reporting, mitigation, monitoring and control.

The key models used for managing non-traded market risk benefit from the validation process described on this page.

Risk assessment, monitoring and mitigation

Interest rate risk\*

Non-traded interest rate risk (NTIRR) factors are grouped into the following categories:

Repricing risk - which arises when asset and liability positions either mature (in the case of fixed-rate positions) or their interest rates reset (in the case of floating-rate positions) at different dates. These mismatches may give rise to net interest income and economic value volatility as interest rates vary.

Yield curve risk - which arises from unanticipated changes in the shape of the yield curve, such that rates at different maturity points may move differently. Such movements may give rise to interest income and economic value volatility.

The two risk factors above incorporate the duration risk arising from the reinvestment of maturing swaps hedging net free reserves (or net exposure to equity and other low fixed-rate or non-interest-bearing liability balances including, but not limited to, current accounts).

\*unaudited

## **Business review Capital and risk management**

### Market risk continued

Basis risk - which arises when related instruments with the same tenor are valued using different reference yield curves. Changes in the spread between the different reference curves can result in unexpected changes in the valuation of or income difference between assets, liabilities or derivative instruments. This occurs, for example, in the retail and commercial portfolios, when products valued on the basis of the Bank of England base rate are funded with LIBOR-linked instruments.

Optionality risk - which arises when customers have the right to terminate, prepay or otherwise alter a transaction without penalty, resulting in a change in the timing or magnitude of the cash flows of an asset, liability or off-balance sheet instrument.

Due to the long-term nature of many non-trading book portfolios and their varied interest rate repricing characteristics and maturities, it is likely that net interest income will vary from period to period, even if interest rates remain the same. New business originated in any period will alter RBS's interest rate sensitivity if the resulting portfolio differs from portfolios originated in prior periods, depending on the extent to which exposure has been hedged.

RBS's policy is to manage the interest rate sensitivity within risk limits that are approved by the ERF and endorsed by the ALCo before being cascaded to lower levels. These include, in particular, interest rate sensitivity and VaR limits.

In order to manage exposures within these limits, RBS aggregates its interest rate positions and hedges them externally using cash and derivatives - primarily interest rate swaps.

This task is primarily carried out by Treasury, to which all businesses except CIB transfer most of their NTIRR. The main exposures and limit utilisations are reported to the ALCo and the Board monthly.

### Foreign exchange risk

The only material non-traded open currency positions are the structural foreign exchange exposures arising from investments in foreign subsidiaries, branches and associates and their related currency funding. These exposures are assessed and managed by Treasury to predefined risk appetite levels under delegated authority from the ALCo. Treasury seeks to limit the potential volatility impact on RBS's Common Equity Tier 1 (CET1) ratio from exchange rate movements by maintaining a structural open currency position. Gains or losses arising from the retranslation of net investments in overseas operations are recognised in equity reserves and reduce the sensitivity of capital ratios to foreign exchange rate movements primarily arising from the retranslation of non-sterling-denominated RWAs. Sensitivity is minimised where, for a given currency, the ratio of the structural open position to RWAs equals RBS's CET1 ratio. The sensitivity of the CET1 capital ratio to exchange rates is monitored monthly and reported to the ALCo at least quarterly.

Foreign exchange exposures arising from customer transactions are sold down by businesses on a regular basis in line with RBS policy.

#### Equity risk

Non-traded equity risk is the potential variation in the income and reserves arising from changes in non-trading book equity valuations. Any such risk is identified prior to any investments and then mitigated through a framework of controls.

Investments, acquisitions or disposals of a strategic nature are referred to RBS's Acquisitions and Disposals Committee (ADCo). Once approved by ADCo for execution, such transactions are referred for approval to the Board, the Executive Committee, the Chief Executive Officer, the Chief Financial Officer or as otherwise required. Decisions to acquire or hold equity positions in the non-trading book that are not of a strategic nature, such as customer restructurings, are taken by authorised persons with delegated authority under the credit approval framework.

#### **Risk measurement**

##### Interest rate risk\*

NTIRR can be measured from either an economic value-based or earnings-based perspective (or both). Value-based approaches measure the change in value of the balance sheet assets and liabilities over a longer timeframe, including all cash flows. Earnings-based approaches measure the potential short-term (generally one year) impact on the income statement of changes in interest rates.

RBS uses both approaches to quantify its interest rate risk: VaR as its value-based approach and sensitivity of net interest income (NII) as its earnings-based approach.

These two approaches provide different yet complementary views of the impact of interest rate risk on the balance sheet at a point in time. The scenarios employed in the NII sensitivity approach incorporate business assumptions and simulated modifications in customer behaviour as interest rates change. In contrast, the VaR approach assumes static underlying positions and therefore does not provide a dynamic measurement of interest rate risk. In addition, while the NII sensitivity calculations are measured to a 12 month horizon and thus provide a shorter-term view of the risks on the balance sheet, the VaR approach can identify risks not captured in the sensitivity analysis, in particular the impact of duration and repricing risk on earnings beyond 12 months.

##### *Value-at-risk\**

RBS's standard VaR metrics - which assume a time horizon of one trading day and a confidence level of 99% - are based on interest rate repricing gaps at the reporting date. Daily rate moves are modelled using observations over the last 500 business days. These incorporate customer products plus associated funding and hedging transactions as well as non-financial assets and liabilities such as property, plant and equipment, capital and reserves. Behavioural assumptions are applied as appropriate.

\*unaudited

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**Business review Capital and risk management**

## Market risk continued

The table below shows the NTIRR VaR for RBS's retail and commercial banking activities at a 99% confidence level together with a currency analysis of period end VaR. It captures the risk resulting from mismatches in the repricing dates of assets and liabilities. This includes any mismatch between structural hedges and stable non and low interest bearing liabilities such as equity and money transmission accounts as regards their interest rate repricing behavioural profile.

	Average		Period end	Maximum	Minimum
	£m	£m	£m	£m	£m
2015 - excluding Citizens	17	10	25	9	
2015 - Citizens	5	—	16	—	
2015 - Total	18	10	25	10	
2014 - excluding Citizens	38	17	60	17	
2014 - Citizens	20	11	42	8	
2014 - Total	50	23	79	23	

	2014			
	2015	Excluding Citizens	Citizens	Total
Period end VaR	£m	£m	£m	£m
Euro	3	2	—	2
Sterling	5	12	—	12
US dollar	5	16	11	27
Other	4	3	—	3

**Key points**

Average interest rate VaR was lower in 2015 as RBS steered its structural interest rate exposure more closely to the neutral duration prescribed by its internal risk management policy.

The main movements by currency in 2015 related to US dollar and sterling VaR, reflecting the disposal of Citizens and the risk management activity described above.

These movements remained well within RBS's approved market risk appetite.

**Business review Capital and risk management**

## Market risk continued

## Sensitivity of net interest income\*

Earnings sensitivity to rate movements is derived from a central forecast over a 12 month period. A simplified scenario is shown based on the period-end balance sheet assuming that non-interest rate variables remain constant. Market implied forward rates are used to generate a base case earnings forecast, which is then subjected to interest rate shocks. The variance between the central forecast and the shock gives an indication of underlying sensitivity to interest rate movements.

The following table shows the sensitivity of net interest income, over the next 12 months, to an immediate upward or downward change of 25 and 100 basis points to all interest rates. The main driver of earnings sensitivity relates to interest rate pass-through assumptions on customer products. The scenario also captures the impact of the reinvestment of maturing structural hedges at higher or lower rates than the base case earnings sensitivity and mismatches in the re-pricing dates of loans and deposits.

The reported sensitivities will vary over time due to a number of factors such as market conditions and strategic changes to the balance sheet mix and should not therefore be considered predictive of future performance. The sensitivities do not capture potential management responses to sudden changes in the interest rate environment.

	Euro	Sterling	US dollar	Other	Total
	£m	£m	£m	£m	£m
2015					
+ 25 basis point shift in yield curves	(6)	48	25	1	68
- 25 basis point shift in yield curves	(7)	(66)	(24)	1	(96)
+ 100 basis point shift in yield curves	(17)	385	94	7	469
- 100 basis point shift in yield curves	(7)	(345)	(79)	2	(429)
2014 - Excluding Citizens					
+ 100 basis point shift in yield curves	(28)	347	60	(17)	362
- 100 basis point shift in yield curves	(34)	(298)	(2)	(12)	(346)
2014 - Citizens					
+ 100 basis point shift in yield curves	—	—	154	—	154
- 100 basis point shift in yield curves	—	—	(85)	—	(85)
2014 - Total					
+ 100 basis point shift in yield curves	(28)	347	214	(17)	516
- 100 basis point shift in yield curves	(34)	(298)	(87)	(12)	(431)

## Key points

· Interest rate exposure remains asset sensitive, so that rising rates will have a positive impact on net interest income.

Assumptions relating to customer pricing are kept under review and may vary at different levels of interest rates. As a result, the increase in sensitivity between a 25 basis point rate rise and a 100 basis point rate rise is not linear.

Changes in pricing strategies and increased hedging of customer deposits are the key actions in retail and commercial banking that may reduce the interest rate sensitivity.

\*unaudited

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**Business review Capital and risk management**

## Market risk continued

## Structural hedging\*

Banks generally have the benefit of a significant pool of stable, non and low interest bearing liabilities, principally comprising equity and money transmission accounts. These balances are usually hedged, either by investing directly in longer-term fixed rate assets or by the use of interest rate swaps, in order to provide a consistent and predictable revenue stream.

RBS targets a weighted average life for these economic hedges. This is accomplished using a continuous rolling maturity programme, which is primarily managed by Treasury to achieve the desired profile. The maturity profile of the hedge aims to reduce the potential sensitivity of income to rate movements. The structural hedging programme is RBS-wide, capturing the position in the UK banking businesses and regulated subsidiaries in other jurisdictions.

*Product hedging\**

Product structural hedges are used to minimise the volatility on earnings related to specific products, primarily customer deposits. The balances are primarily hedged with medium-term interest rate swaps, so that reported income is less sensitive to movements in short-term interest rates. The size and term of the hedge are based on the stability of the underlying portfolio.

The table below shows the impact on net interest income associated with product hedges managed by Treasury. These relate to the main UK banking businesses except Private Banking and RBSI. Treasury allocates income to products or equity in structural hedges by reference to the relevant interest rate swap curve after hedging the net interest rate exposure of the bank externally. This internal allocation has been developed over time alongside the bank's external hedging programme and provides a basis for stable income attribution to the product and equity hedges.

Net interest income - impact of structural hedging	2015	2014
	£m	£m
UK Personal Business Banking	373	351
Commercial Banking	256	231
Capital Resolution	21	24
Williams & Glyn	45	42
Total product hedges	695	648

## Key points

- The incremental impact of product hedges on net interest income above 3 month LIBOR remained positive in 2015. The notional size of the hedge increased from £64 billion in 2014 to £72 billion, split by business

broadly in line with the proportion of income as shown above. During the year, interest rates remained at or close to historical low levels, as a result of which the average book yield (including 3 month LIBOR) fell from 1.54% to 1.48%. This reflects the impact of maturing hedges being reinvested at lower rates and new hedges added during the year at prevailing market rates.

At 31 December 2015, the equivalent yield available in the market was 1.45% compared with 1.34% one year previously.

\*unaudited

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**Business review Capital and risk management**

## Market risk continued

*Equity hedging\**

Equity structural hedges are used to minimise the volatility on earnings arising from returns on equity. The hedges managed by Treasury relate mainly to the UK banking businesses (PBB and CPB) and contributed £0.7 billion to these businesses in 2015 (2014 - £0.8 billion), which is an incremental benefit relative to short-term wholesale cash rates. The year-on-year fall in yield mainly results from reinvestment of maturing hedges at lower rates. The size of the hedge was unchanged from 2014 at £41 billion in 2015.

## Sensitivity of available-for-sale and cashflow hedging reserves to interest rate movements\*

The table below shows the estimated sensitivity of equity reserves to interest rate movements, on a pre-tax basis. The scenarios shown are simplified scenarios in which all rates across the yield curve have been moved up or down instantaneously by 25 basis points and 100 basis points and taxation effects have not been estimated. In this analysis, interest rates have not been floored at zero. Note that a movement in the AFS reserve would have an impact on CET1 capital but a movement in the cash flow hedge reserve would not be expected to do so. Volatility in both reserves affects tangible net asset value.

	+25 basis points	-25 basis points	+100 basis points	-100 basis points
2015	£m	£m	£m	£m
Available-for-sale reserve	(63)	63	(255)	255
Cashflow hedge reserve	(462)	467	(1,817)	1,896
Total	(525)	530	(2,072)	2,151

**Key point**

The impact of interest rate shifts on cashflow hedge reserves is broadly symmetrical. The slight asymmetry reflects the changing sensitivity of derivative valuations to the same interest rate shock at differing levels of interest rates (i.e. convexity).

\*unaudited

**Business review Capital and risk management**Market risk  
continuedForeign  
exchange  
riskThe table below shows structural foreign currency  
exposures.

	Net assets of Non- overseas operations	Net assets of controlling interests	Net assets of overseas operations excluding NCI (1)	Net investment hedges	Structural foreign currency exposures pre-economic hedges	Economic hedges (2)	Residual structural foreign currency exposures
	£m	£m	£m	£m	£m	£m	£m
2015							
US dollar	1,172	—	1,172	(134)	1,038	(1,038)	—
Euro	6,562	(127)	6,435	(573)	5,862	(1,963)	3,899
Other non-sterling	3,599	(524)	3,075	(2,364)	711	—	711
	11,333	(651)	10,682	(3,071)	7,611	(3,001)	4,610
2014							
US dollar - excluding Citizens	3,534	—	3,534	(1,316)	2,218	(2,218)	—
US dollar - Citizens	7,868	(2,321)	5,547	(2,367)	3,180	(1,816)	1,364
US dollar - total including Citizens	11,402	(2,321)	9,081	(3,683)	5,398	(4,034)	1,364
Euro	5,674	(39)	5,635	(192)	5,443	(2,081)	3,362
Other non-sterling	4,178	(456)	3,722	(2,930)	792	—	792
	21,254	(2,816)	18,438	(6,805)	11,633	(6,115)	5,518

Notes:

(1) Non-controlling interests (NCI) represents the structural foreign exchange exposure not attributable to owners' equity, which consisted mainly of Citizens in US dollar in 2014.

Economic hedges mainly represent US dollar and euro preference shares in issue that are treated as equity under (2)IFRS and do not qualify as hedges for accounting purposes. They provide an offset to structural foreign exchange exposures to the extent that there are net assets in overseas operations available.

**Key points**

Structural foreign currency exposure at 31 December 2015 was £7.6 billion and £4.6 billion before and after economic hedges respectively, £4.0 billion and £0.9 billion lower than at 31 December 2014.

The disposal of Citizens contributed significantly to:

- The £9.9 billion decline in net assets of overseas operations;
- The £2.2 billion decline in non-controlling interests; and
- The £3.7 billion decline in net investment hedges.

Economic hedges decreased by £3.1 billion due to the decrease in US dollar net assets.

Changes in foreign currency exchange rates affect equity in proportion to structural foreign currency exposure. For example, a 5% strengthening or weakening in foreign currencies against sterling would result in a gain or loss of £0.4 billion in equity, respectively (2014 - £0.6 billion).

#### Equity risk

Equity positions are carried at fair value on the balance sheet based on available market prices where possible. In the event that market prices are not available, fair value is based on appropriate valuation techniques or management estimates.

The table below shows the balance sheet carrying value of non-traded book equity positions.

	Excluding Citizens		Citizens	
	2015	2014	2014	2014
	£m	£m	£m	£m
Exchange-traded equity	25	127	5	132
Private equity	534	544	—	544
Other	136	115	566	681
	695	786	571	1,357

The exposures may take the form of (i) equity shares listed on a recognised exchange, (ii) private equity shares defined as unlisted equity shares with no observable market parameters or (iii) other unlisted equity shares.

	Excluding Citizens		Citizens	
	2015	2014	2014	2014
	£m	£m	£m	£m
Net realised gains arising from disposals	60	111	—	111
Unrealised gains included in Tier 1 or Tier 2 capital	301	197	2	199

Note:



- (1) Includes gains or losses on available-for-sale instruments only.

Gains on equity securities designated at fair value through profit or loss but not held for trading purposes were £367 million for 2015 (2014 - gains of £222 million).

**Business review Capital and risk management**

## Market risk continued

## VaR for non-trading book (primarily CIB and Capital Resolution)\*

Non-trading books in CIB and Capital Resolution, other than the structured credit portfolio, do not typically form part of the structural interest rate framework due to the short-term nature of the interest rate risks they carry. They are therefore monitored and managed through the same framework and using the same metrics as portfolios in the trading book.

	2015				2014			
	Average	Period end	Maximum	Minimum	Average	Period end	Maximum	Minimum
	£m	£m	£m	£m	£m	£m	£m	£m
Interest rate	1.8	0.9	3.5	0.9	2.7	2.7	6.8	1.1
Credit spread	1.0	0.4	2.8	0.1	3.6	2.4	5.4	2.4
Currency	0.2	0.2	2.1	—	0.5	0.4	1.1	0.1
Equity	0.3	0.5	0.9	0.2	0.7	0.8	1.2	—
Diversification (1)		(1.0)				(2.5)		
Total	2.1	1.0	3.8	0.9	4.6	3.8	7.1	3.0

## Notes:

(1) RBS benefits from diversification as it reduces risk by allocating positions across various financial instrument types, currencies and markets. The extent of the diversification benefit depends on the correlation between the assets and risk factors in the portfolio at a particular time. The diversification factor is the sum of the VaR on individual risk types less the total portfolio VaR.

(2) The table above excludes the structured credit portfolio and loans and receivables.

## Key point

The average VaR for the non-trading book, predominantly comprising available-for-sale portfolios, was £2.1 million during 2015 compared with £4.6 million in 2014. This was largely driven by a decline in the credit spread VaR as a result of (i) Capital Resolution run-down, and (ii) the transfer of collateral and money market non-trading books into Treasury.

\*unaudited

**Business review Capital and risk management**

Market risk continued

VaR for non-trading book (Treasury)\*

The interest rate risk and credit spread risk in Treasury arise primarily from portfolios held for liquidity and collateral management purposes. Credit spread risk is the risk arising from the volatility in the spread between bond and swap rates and arises mainly from those non-trading book debt securities that are accounted at fair value. This risk is reflected through changes in the portfolio valuation and is recognised in capital through available-for-sale (AFS) reserves.

The table below shows the interest rate and credit spread VaR relating to these exposures.

	2015
	£m
Interest rate	2.5
Credit spread	30.6

Note:

- (1) Interest rate exposure managed outside the structural interest rate exposure process.

Structured credit portfolio

The structured credit portfolio is measured on a notional and fair value basis due to its illiquid nature. Notional and fair value decreased to £39 million and £49 million respectively (2014 - £0.4 billion and £0.3 billion), reflecting the sale of underlying assets, primarily collateralised loan obligations, in line with Capital Resolution strategy.

Calculation of regulatory capital\*

RBS holds capital for two types of non-traded market risk exposures: NTIRR and non-trading book foreign exchange.

Capital for NTIRR is captured under the Pillar 2A process. This is calculated by considering the potential impact on RBS's economic value over a one year horizon. The four main sources of NTIRR - repricing, yield curve, basis and optionality risks - are captured in the calculation.

Pillar 1 capital must be held for non-trading book foreign exchange exposures, as outlined under CRR Articles 455 and 92(3)c. Structural foreign exchange exposures are excluded from the calculations as outlined under CRR Article 352(2); such exposures are considered under Pillar 2A.

Non-traded equity risk is captured in credit risk RWAs.

The capital calculations under ICAAP are also used for economic capital purposes.

\*unaudited

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**Business review Capital and risk management**

## Market risk continued

Linkage to balance sheet\*

The table below analyses RBS's balance sheet by trading and non-trading business.

	2015		2014		Primary risk factor		
	Total	Trading business (1)	Non-trading business (2)	Total		Trading business (1)	Non-trading business (2)
	£bn	£bn	£bn	£bn	£bn	£bn	
<b>Assets</b>							
Cash and balances at central banks	79.9	—	79.9	75.5	—	75.5	Interest rate
Net loans and advances to banks	19.0	11.2	7.8	24.8	11.2	13.6	Interest rate
Net loans and advances to customers	308.0	17.4	290.6	394.8	23.2	371.6	Interest rate
Reverse repos	39.9	38.6	1.3	64.7	61.1	3.6	Interest rate
Debt securities	82.5	35.9	46.6	101.9	49.3	52.6	Interest rate, credit spreads
Equity shares	1.4	0.7	0.7	6.2	4.9	1.3	Equities
Derivatives	262.5	260.0	2.5	354.0	350.1	3.9	Interest rate, credit spreads
Settlement balances	4.1	3.9	0.2	4.7	4.7	—	Settlement risk
Other assets	18.1	—	18.1	24.4	—	24.4	
<b>Total assets</b>	<b>815.4</b>	<b>367.7</b>	<b>447.7</b>	<b>1,051.0</b>	<b>504.5</b>	<b>546.5</b>	
<b>Liabilities</b>							
Deposits by banks	28.1	20.0	8.1	40.9	25.5	15.4	Interest rate
Customer deposits	346.0	11.4	334.6	414.9	14.2	400.7	Interest rate
Repos	37.4	35.2	2.2	64.6	60.0	4.6	Interest rate
Debt securities in issue	31.1	7.1	24.0	51.9	12.4	39.5	Interest rate
Settlement balances	3.4	3.3	0.1	4.5	4.5	—	Settlement risk
Short positions	20.8	20.8	—	23.0	23.0	—	Interest rate, credit spreads
Derivatives	254.7	252.4	2.3	350.0	346.9	3.1	Interest rate, credit spreads
Subordinated liabilities	19.8	—	19.8	23.1	—	23.1	Interest rate
Other liabilities	20.0	—	20.0	19.4	—	19.4	
<b>Total liabilities</b>	<b>761.3</b>	<b>350.2</b>	<b>411.1</b>	<b>992.3</b>	<b>486.5</b>	<b>505.8</b>	

Notes:

(1) Trading businesses are entities that primarily have exposures that are classified as trading book under regulatory (1) rules. For these exposures, the main methods used by RBS to measure market risk are detailed under traded market risk measurement on page 241.

(2) Non-trading businesses are entities that primarily have exposures that are not classified as trading book. For these exposures, with the exception of pension-related activities, the main measurement methods are sensitivity analysis

of net interest income, internal non-traded VaR and fair value calculations. For more information refer to pages 251 to 258.

- (3) Foreign exchange risk affects all non-sterling denominated exposures on the balance sheet across trading and non-trading businesses, and therefore has not been listed in the above tables.

\*unaudited

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**Financial statements**

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**Report of Independent Registered Public Accounting Firm to the members of**

**The Royal Bank of Scotland Group plc**

We have audited the accompanying consolidated balance sheets of The Royal Bank of Scotland Group plc and its subsidiaries (together "the Group") as at 31 December 2015 and 2014 and the related consolidated statements of income, comprehensive income, changes in equity and cash flows for each of the three years in the period ended 31 December 2015, the accounting policies and the notes 1 to 41 and the information identified as 'audited' in the Capital and risk management section of the Business review ("financial statements"). These financial statements are the responsibility of the Group's management. Our responsibility is to express an opinion on the financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such consolidated financial statements present fairly, in all material respects, the financial position of the Group as at 31 December 2015 and 2014 and the results of their operations and their cash flows for each of the three years in the period ended 31 December 2015, in conformity with International Financial Reporting Standards ("IFRS") as adopted for use in the European Union and IFRS as issued by the International Accounting Standards Board.

Note 41 to the financial statements was added for the inclusion of consolidating financial information in respect of The Royal Bank of Scotland plc in accordance with Regulation S-X Rule 3-10.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Group's internal control over financial reporting as at 31 December 2015 based on the criteria established in "Internal Control - Integrated Framework (2013)" issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated 25 February 2016 expressed an unqualified opinion on the Group's internal control over financial reporting.

Deloitte LLP

London, United Kingdom

25 February 2016 (24 March 2016 for the consolidating financial information in Note 41)

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**Consolidated income statement for the year ended 31 December 2015**

	Note	2015 £m	2014 £m	2013 £m
Interest receivable		11,925	13,079	14,488
Interest payable		(3,158)	(3,821)	(5,471)
Net interest income	1	8,767	9,258	9,017
Fees and commissions receivable		3,742	4,414	4,678
Fees and commissions payable		(809)	(875)	(923)
Income from trading activities		1,060	1,285	2,571
(Loss)/gain on redemption of own debt		(263)	20	175
Other operating income		426	1,048	1,219
Non-interest income	2	4,156	5,892	7,720
Total income		12,923	15,150	16,737
Staff costs		(5,726)	(5,757)	(6,086)
Premises and equipment		(1,827)	(2,081)	(2,038)
Other administrative expenses		(6,288)	(4,568)	(6,692)
Depreciation and amortisation		(1,180)	(930)	(1,247)
Write down of goodwill and other intangible assets		(1,332)	(523)	(1,403)
Operating expenses	3	(16,353)	(13,859)	(17,466)
(Loss)/profit before impairment losses		(3,430)	1,291	(729)
Impairment releases/(losses)	11	727	1,352	(8,120)
Operating (loss)/profit before tax		(2,703)	2,643	(8,849)
Tax charge	6	(23)	(1,909)	(186)
(Loss)/profit from continuing operations		(2,726)	734	(9,035)
Profit/(loss) from discontinued operations, net of tax	18	1,541	(3,445)	558
Loss for the year		(1,185)	(2,711)	(8,477)
Attributable to:				
Non-controlling interests		409	60	120
Preference shareholders		297	330	349
Paid-in equity holders		88	49	49
Dividend access share	7	—	320	—
Ordinary shareholders		(1,979)	(3,470)	(8,995)
		(1,185)	(2,711)	(8,477)
Per ordinary share				
Basic and diluted (loss)/earnings from continuing operations	7	(27.7p)	0.5p	(85.0p)
Basic and diluted loss from continuing and discontinued operations	7	(17.2p)	(30.6p)	(80.3p)

The accompanying notes on pages 284 to 365, the accounting policies on pages 270 to 283 and the audited sections of the Business review: Capital and risk management on pages 142 to 260 form an integral part of these financial statements.



**Consolidated statement of comprehensive income for the year ended 31 December 2015**

	2015	2014*	2013*
	£m	£m	£m
Loss for the year	(1,185)	(2,711)	(8,477)
Items that do not qualify for reclassification			
(Loss)/gain on remeasurement of retirement benefit schemes	(73)	(1,857)	392
Tax	306	314	(237)
	233	(1,543)	155
Items that do qualify for reclassification			
Available-for-sale financial assets	44	807	(406)
Cash flow hedges	(700)	1,413	(2,291)
Currency translation	(1,181)	307	(229)
Tax	108	(455)	1,014
	(1,729)	2,072	(1,912)
Other comprehensive (loss)/income after tax	(1,496)	529	(1,757)
Total comprehensive loss for the year	(2,681)	(2,182)	(10,234)
Attributable to:			
Non-controlling interests	370	246	137
Preference shareholders	297	330	349
Paid-in equity holders	88	49	49
Dividend access share	—	320	—
Ordinary shareholders	(3,436)	(3,127)	(10,769)
	(2,681)	(2,182)	(10,234)

\*Restated - refer to page 270 for further details.

The accompanying notes on pages 283 to 364, the accounting policies on pages 270 to 283 and the audited sections of the Business review: Capital and risk management on pages 142 to 260 form an integral part of these financial statements.

**Consolidated balance sheet as at 31 December 2015**

	Note	2015 £m	2014* £m
<b>Assets</b>			
Cash and balances at central banks	8	79,404	74,872
Loans and advances to banks	8	30,646	43,735
Loans and advances to customers	8	333,892	378,238
Debt securities subject to repurchase agreements	28	20,224	23,048
Other debt securities		61,873	63,601
Debt securities	13	82,097	86,649
Equity shares	14	1,361	5,635
Settlement balances		4,116	4,667
Derivatives	12	262,514	353,590
Intangible assets	15	6,537	7,781
Property, plant and equipment	16	4,482	6,167
Deferred tax	21	2,631	1,911
Prepayments, accrued income and other assets	17	4,242	5,763
Assets of disposal groups	18	3,486	82,011
<b>Total assets</b>		<b>815,408</b>	<b>1,051,019</b>
<b>Liabilities</b>			
Deposits by banks	8	38,296	60,665
Customer accounts	8	370,298	391,639
Debt securities in issue	8	31,150	50,280
Settlement balances		3,390	4,503
Short positions	19	20,809	23,029
Derivatives	12	254,705	349,805
Provisions, accruals and other liabilities	20	15,115	13,346
Retirement benefit liabilities	4	3,789	4,318
Deferred tax	21	882	500
Subordinated liabilities	22	19,847	22,905
Liabilities of disposal groups	18	2,980	71,320
<b>Total liabilities</b>		<b>761,261</b>	<b>992,310</b>
Non-controlling interests	23	716	2,946
Owners' equity	24, 25	53,431	55,763
<b>Total equity</b>		<b>54,147</b>	<b>58,709</b>
<b>Total liabilities and equity</b>		<b>815,408</b>	<b>1,051,019</b>

\*Restated - refer to page 270 for further details.

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The accompanying notes on pages 284 to 365, the accounting policies on pages 270 to 283 and the audited sections of the Business review: Capital and risk management on pages 142 to 260 form an integral part of these financial statements.

The accounts were approved by the Board of directors on 25 February 2016 and signed on its behalf by:

Ewen Stevenson

Howard Davies	Ross McEwan	Chief Financial Officer
Chairman	Chief Executive	

The Royal Bank of Scotland Group plc  
Registered No. SC45551

**Consolidated statement of changes in equity for the year ended 31 December 2015**

	2015	2014*	2013*
	£m	£m	£m
Called-up share capital			
At 1 January	6,877	6,714	6,582
Ordinary shares issued	159	163	132
Conversion of B shares (1)	4,590	—	—
Preference shares redeemed (2)	(1)	—	—
At 31 December	11,625	6,877	6,714
Paid-in equity			
At 1 January	784	979	979
Redeemed/reclassified	(150)	(195)	—
Additional Tier 1 capital notes issued	2,012	—	—
At 31 December	2,646	784	979
Share premium account			
At 1 January	25,052	24,667	24,361
Ordinary shares issued	373	385	306
At 31 December	25,425	25,052	24,667
Merger reserve			
At 1 January	13,222	13,222	13,222
Transfer to retained earnings	(2,341)	—	—
At 31 December	10,881	13,222	13,222
Available-for-sale reserve			
At 1 January	299	(308)	(346)
Unrealised gains	31	980	607
Realised losses/(gains)	27	(333)	(891)
Tax	(16)	(67)	432
Recycled to profit or loss on disposal of businesses (3)	—	36	(110)
Recycled to profit or loss on ceding control of Citizens (4)	9	—	—
Transfer to retained earnings	(43)	(9)	—
At 31 December	307	299	(308)
Cash flow hedging reserve			
At 1 January	1,029	(84)	1,666
Amount recognised in equity	712	2,871	(967)
Amount transferred from equity to earnings	(1,354)	(1,458)	(1,324)
Tax	98	(334)	541
Recycled to profit or loss on ceding control of Citizens (5)	(36)	—	—
Transfer to retained earnings	9	34	—



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At 31 December	458	1,029	(84)
Foreign exchange reserve			
At 1 January	3,483	3,691	3,908
Retranslation of net assets	(22)	113	(325)
Foreign currency (losses)/gains on hedges of net assets	(176)	108	105
Tax	(11)	(30)	6
Recycled to profit or loss on disposal of businesses	4	—	(3)
Recycled to profit or loss on ceding control of Citizens	(962)	—	—
Transfer to retained earnings	(642)	(399)	—
At 31 December	1,674	3,483	3,691
Capital redemption reserve			
At 1 January	9,131	9,131	9,131
Conversion of B shares (1)	(4,590)	—	—
Preference shares redeemed (2)	1	—	—
At 31 December	4,542	9,131	9,131
Contingent capital reserve			
At 1 January	—	—	(1,208)
Transfer to retained earnings	—	—	1,208
At 31 December	—	—	—

\*Restated - refer to page 270 for further details. For notes to these tables see page 268.

**Consolidated statement of changes in equity for the year ended 31 December 2015**

	2015	2014*	2013*
	£m	£m	£m
Retained earnings			
At 1 January	(4,001)	783	10,557
(Loss)/profit attributable to ordinary shareholders and other equity owners			
- continuing operations	(2,801)	756	(9,118)
- discontinued operations	1,207	(3,527)	521
Equity preference dividends paid	(297)	(330)	(349)
Paid-in equity dividends paid, net of tax	(88)	(49)	(49)
Dividend access share dividend	—	(320)	—
Transfer from available-for-sale reserve	43	9	—
Transfer from cash flow hedging reserve	(9)	(34)	—
Transfer from foreign exchange reserve	642	399	—
Transfer from merger reserve	2,341	—	—
Transfer from contingent capital reserve	—	—	(1,208)
Costs of placing Citizens equity	(29)	(45)	—
Redemption of equity preference shares (2)	(1,214)	—	—
Redemption/reclassification of paid-in equity	(27)	(33)	—
Termination of contingent capital agreement	—	—	320
(Loss)/gain on remeasurement of the retirement benefit schemes (6)			
- gross	(67)	(1,857)	392
- tax	306	314	(237)
Loss on disposal of own shares held	—	(8)	(18)
Shares issued under employee share schemes	(58)	(91)	(77)
Share-based payments			
- gross	36	29	48
- tax	(4)	3	1
At 31 December	(4,020)	(4,001)	783
Own shares held			
At 1 January	(113)	(137)	(213)
Disposal of own shares	6	1	75
Shares issued under employee share schemes	—	23	1
At 31 December	(107)	(113)	(137)
Owners' equity at 31 December	53,431	55,763	58,658

\*Restated - refer to page 270 for further details. For notes to these tables refer to page 268.

The accompanying notes on pages 284 to 365, the accounting policies on pages 270 to 283 and the audited sections of the Business review: Capital and risk management on pages 142 to 260 form an integral part of these financial statements.



**Consolidated statement of changes in equity for the year ended 31 December 2015**

	2015	2014*	2013*
	£m	£m	£m
Non-controlling interests (see Note 23)			
At 1 January	2,946	473	1,770
Currency translation adjustments and other movements	3	86	(6)
Profit/(loss) attributable to non-controlling interests			
- continuing operations	75	(22)	83
- discontinued operations	334	82	37
Dividends paid	(31)	(4)	(5)
Movements in available-for-sale securities			
- unrealised gains	22	36	8
- realised (gains)/losses	(6)	77	21
- tax	(5)	(13)	(1)
- recycled to profit or loss on disposal of businesses (7)	—	—	(5)
Movements in cash flow hedging reserve			
- amount recognised in equity	32	18	—
- amount transferred from equity to earnings	—	(18)	—
- tax	(4)	—	—
Actuarial losses recognised in retirement benefit schemes			
- gross	(6)	—	—
Equity raised (8)	2,537	2,232	—
Equity withdrawn and disposals	(24)	(1)	(1,429)
Loss of control of Citizens	(5,157)	—	—
At 31 December	716	2,946	473
Total equity at 31 December	54,147	58,709	59,131
Total equity is attributable to:			
Non-controlling interests	716	2,946	473
Preference shareholders	3,305	4,313	4,313
Paid-in equity holders	2,646	784	979
Ordinary shareholders	47,480	50,666	53,366
	54,147	58,709	59,131

\* Restated - refer to page 270 for further details.

Notes:

- (1) In October 2015, all B shares were converted into ordinary shares of £1 each.
- (2) Non-cumulative dollar preference shares totalling \$1.9 billion were redeemed in September 2015.
- (3) Net of tax - £11 million charge in 2014 and £35 million charge in 2013.
- (4) Net of tax - £6 million charge.
- (5) Net of tax - £16 million credit.
- (6) See change of accounting policy on page 270.
- (7) Net of tax of £1 million in 2013.
- (8) Includes £2,491 million relating to the secondary offering of Citizens in March 2015 (2014 - £2,117 million relating to the IPO of Citizens).

The accompanying notes on pages 284 to 365, the accounting policies on pages 270 to 281 and the audited sections of the Business review: Capital and risk management on pages 142 to 260 form an integral part of these financial statements.

**Consolidated cash flow statement for the year ended 31 December 2015**

	Note	2015 £m	2014 £m	2013 £m
<b>Cash flows from operating activities</b>				
Operating (loss)/profit before tax from continuing operations		(2,703)	2,643	(8,849)
Profit/(loss) before tax from discontinued operations		1,766	(3,207)	783
Adjustments for non-cash items and other adjustments included within income statement		(5,601)	(84)	7,347
Contributions to defined benefit schemes		(1,060)	(1,065)	(821)
Changes in operating assets and liabilities		8,589	(18,260)	(28,745)
Income taxes paid		(73)	(414)	(346)
Net cash flows from operating activities	31	918	(20,387)	(30,631)
<b>Cash flows from investing activities</b>				
Sale and maturity of securities		8,229	28,020	41,772
Purchase of securities		(14,135)	(20,276)	(22,561)
Sale of property, plant and equipment		1,432	1,162	1,448
Purchase of property, plant and equipment		(783)	(816)	(626)
Net divestment of/(investment in) business interests and intangible assets	32	391	(1,481)	1,150
Net cash flows from investing activities		(4,866)	6,609	21,183
<b>Cash flows from financing activities</b>				
Issue of ordinary shares		307	314	264
Issue of Additional Tier 1 capital notes		2,012	—	—
Issue of subordinated liabilities		—	2,159	1,796
Issue of exchangeable bonds		—	—	330
Proceeds of non-controlling interests issued		2,537	2,147	—
Redemption of non-controlling interests		—	(1)	(301)
Redemption of paid-in equity		(150)	—	—
Redemption of equity preference shares		(1,214)	—	—
Disposal of own shares		6	14	44
Repayment of subordinated liabilities		(3,047)	(3,480)	(3,500)
Dividends paid		(416)	(383)	(403)
Dividend access share		—	(320)	—
Interest on subordinated liabilities		(975)	(854)	(958)
Net cash flows from financing activities		(940)	(404)	(2,728)
Effects of exchange rate changes on cash and cash equivalents		576	909	512
Net decrease in cash and cash equivalents		(4,312)	(13,273)	(11,664)
Cash and cash equivalents at 1 January		107,904	121,177	132,841
Cash and cash equivalents at 31 December	35	103,592	107,904	121,177

The accompanying notes on pages 284 to 365, the accounting policies on pages 270 to 281 and the audited sections of the Business review: Capital and risk management on pages 142 to 260 form an integral part of these financial statements.

## **Accounting policies**

### **1. Presentation of accounts**

The accounts are prepared on a going concern basis (see the Report of the directors, page 96) and in accordance with International Financial Reporting Standards issued by the International Accounting Standards Board (IASB) and interpretations issued by the IFRS Interpretations Committee of the IASB as adopted by the European Union (EU) (together IFRS). The EU has not adopted the complete text of IAS 39 'Financial Instruments: Recognition and Measurement'; it has relaxed some of the standard's hedging requirements. The Group has not taken advantage of this relaxation: its financial statements are prepared in accordance with IFRS as issued by the IASB.

The company is incorporated in the UK and registered in Scotland. Its accounts are presented in accordance with the Companies Act 2006. With the exception of investment property and certain financial instruments as described in Accounting policies 9, 14, 16 and 23, the accounts are presented on an historical cost basis.

On 31 December 2014, Citizens Financial Group Inc. was classified as a discontinued operation and a disposal group: its aggregate assets were presented in Assets of disposal groups and its aggregate liabilities in Liabilities of disposal groups. Prior period results were re-presented.

From 3 August 2015, when RBS's interest in Citizens fell to 20.9%, Citizens was accounted for as an associate classified as held for sale. RBS subsequently completed its divestment of Citizens when it sold its final tranche on 30 October 2015. Citizens is no longer a reportable segment, therefore segment disclosures for all periods have been restated.

### **Change of accounting policy**

In the fourth quarter of 2015, the Group changed its accounting policy for the recognition of surpluses in its defined benefit pension schemes: in particular, the policy for determining whether or not it has an unconditional right to a refund of surpluses in its employee pension funds. Where the Group has a right to a refund, this is not deemed unconditional if pension fund trustees are able unilaterally to enhance benefits for plan members. As a result of this change, a minimum funding requirement to cover an existing shortfall in a scheme may give rise to an additional liability and surpluses may not be recognised in full. The revised accounting policy, by taking account of the powers of pension trustees in assessing the economic benefit available as a refund, provides more relevant information about the effect on the Group's financial position of its defined benefit pension schemes.



In accordance with IFRS, the amended policy has been applied retrospectively and prior periods restated. The impact of the change in policy is set out below.

### Consolidated income statement

	2015		
	Under previous policy	Adjustment	As published
	£m	£m	£m
Staff costs	(5,662)	(64)	(5,726)
Operating expenses	(16,289)	(64)	(16,353)
Loss before impairment losses	(3,366)	(64)	(3,430)
Operating loss before tax	(2,639)	(64)	(2,703)
Tax charge	(35)	12	(23)
Loss from continuing operations	(2,674)	(52)	(2,726)
Loss for the year	(1,133)	(52)	(1,185)
Loss attributable to ordinary shareholders	(1,927)	(52)	(1,979)

There are no adjustments to the income statement in 2014 and 2013. The adjustment in 2015 reduced basic and diluted earnings per ordinary share by 0.5p.

### Consolidated statement of comprehensive income

	2015			2014			2013		
	Under previous policy	Adjustment	As published	As previously reported	Adjustment	Restated	As previously reported	Adjustment	Restated
	£m	£m	£m	£m	£m	£m	£m	£m	£m
Loss for year	(1,133)	(52)	(1,185)	(2,711)	—	(2,711)	(8,477)	—	(8,477)
Gain/(loss) on remeasurement of retirement benefit schemes	1,140	(1,213)	(73)	(108)	(1,749)	(1,857)	446	(54)	392
Tax	(147)	453	306	(36)	350	314	(246)	9	(237)
Total comprehensive loss after tax	(1,869)	(812)	(2,681)	(783)	(1,399)	(2,182)	(10,189)	(45)	(10,234)

**Accounting policies****Consolidated  
balance sheet**

	2015			2014			2013		
	Under previous policy	Adjustment	As published	As previously reported	Adjustment	Restated	As previously reported	Adjustment	Restated
	£m	£m	£m	£m	£m	£m	£m	£m	£m
Deferred tax assets	1,795	836	2,631	1,540	371	1,911	3,478	21	3,499
Prepayments, accrued income and other assets	4,391	(149)	4,242	5,878	(115)	5,763	7,614	(77)	7,537
Retirement benefit liabilities	807	2,982	3,789	2,579	1,739	4,318	3,210	28	3,238
Owners' equity	55,726	(2,295)	53,431	57,246	(1,483)	55,763	58,742	(84)	58,658

**Consolidated statement of changes in equity**

	2015			2014			2013		
	Under previous policy	Adjustment	As published	As previously reported	Adjustment	Restated	As previously reported	Adjustment	Restated
	£m	£m	£m	£m	£m	£m	£m	£m	£m
Retained earnings									
At 1 January	(2,518)	(1,483)	(4,001)	867	(84)	783	10,596	(39)	10,557
(Loss)/profit attributable to ordinary shareholders and other equity owners - continuing operations	(2,749)	(52)	(2,801)	756	—	756	(9,118)	—	(9,118)
Gain/(loss) on remeasurement of retirement benefit schemes									
- gross	1,146	(1,213)	(67)	(108)	(1,749)	(1,857)	446	(54)	392
- tax	(147)	453	306	(36)	350	314	(246)	9	(237)
At 31 December	(1,725)	(2,295)	(4,020)	(2,518)	(1,483)	(4,001)	867	(84)	783

The Group adopted a number of new and revised IFRSs effective 1 January 2015:

IAS 19 'Defined Benefit Plans: Employee Contributions' was issued in November 2013. This amendment distinguishes the accounting for employee contributions that are related to service from those that are independent of service.

Annual Improvements to IFRS 2010 - 2012 and 2011 - 2013 cycles were issued in December 2013 making a number of minor amendments to IFRS.

The implementation of these requirements has not had a material effect on the Group's accounts.

## **2. Basis of consolidation**

The consolidated accounts incorporate the financial statements of the company and entities (including certain structured entities) that are controlled by the Group. The Group controls another entity (a subsidiary) when it is exposed, or has rights, to variable returns from its involvement with that entity and has the ability to affect those returns through its power over the other entity; power generally arises from holding a majority of voting rights. On acquisition of a subsidiary, its identifiable assets, liabilities and contingent liabilities are included in the consolidated accounts at their fair value. A subsidiary is included in the consolidated financial statements from the date it is controlled by the Group until the date the Group ceases to control it through a sale or a significant change in circumstances. Changes in the Group's interest in a subsidiary that do not result in the Group ceasing to control that subsidiary are accounted for as equity transactions.

All intergroup balances, transactions, income and expenses are eliminated on consolidation. The consolidated accounts are prepared under uniform accounting policies.

## **3. Revenue recognition**

Interest income on financial assets that are classified as loans and receivables, available-for-sale or held-to-maturity and interest expense on financial liabilities other than those measured at fair value are determined using the effective interest method. The effective interest method is a method of calculating the amortised cost of a financial asset or financial liability (or group of financial assets or liabilities) and of allocating the interest income or interest expense over the expected life of the asset or liability. The effective interest rate is the rate that exactly discounts estimated future cash flows to the instrument's initial carrying amount. Calculation of the effective interest rate takes into account fees payable or receivable that are an integral part of the instrument's yield, premiums or discounts on acquisition or issue, early redemption fees and transaction costs. All contractual terms of a financial instrument are considered when estimating future cash flows.

Financial assets and financial liabilities held for trading or designated as at fair value through profit or loss are recorded at fair value. Changes in fair value are recognised in profit or loss.

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## Accounting policies

Fees in respect of services are recognised as the right to consideration accrues through the provision of the service to the customer. The arrangements are generally contractual and the cost of providing the service is incurred as the service is rendered. The price is usually fixed and always determinable. The application of this policy to significant fee types is outlined below.

*Payment services* - this comprises income received for payment services including cheques cashed, direct debits, Clearing House Automated Payments (the UK electronic settlement system) and BACS payments (the automated clearing house that processes direct debits and direct credits). These are generally charged on a per transaction basis. The income is earned when the payment or transaction occurs. Charges for payment services are usually debited to the customer's account monthly or quarterly in arrears. Income is accrued at period end for services provided but not yet charged.

*Credit and debit card fees* - fees from card business include:

Interchange received: as issuer, the Group receives a fee (interchange) each time a cardholder purchases goods and services. The Group also receives interchange fees from other card issuers for providing cash advances through its branch and automated teller machine networks. These fees are accrued once the transaction has taken place.

Periodic fees payable by a credit card or debit card holder are deferred and taken to profit or loss over the period of the service.

*Lending (credit facilities)* - commitment and utilisation fees are determined as a percentage of the outstanding facility. If it is unlikely that a specific lending arrangement will be entered into, such fees are taken to profit or loss over the life of the facility otherwise they are deferred and included in the effective interest rate on the loan.

*Brokerage fees* - in respect of securities, foreign exchange, futures or options transactions entered into on behalf of a customer are recognised as income on execution of a significant act.

*Trade finance* - income from the provision of trade finance is recognised over the term of the finance unless specifically related to a significant act, in which case income is recognised when the act is executed.

*Investment management* - fees charged for managing investments are recognised as revenue as the services are provided. Incremental costs that are directly attributable to securing an investment management contract are deferred and charged as expense as the related revenue is recognised.

#### **4. Assets held for sale and discontinued operations**

A non-current asset (or disposal group) is classified as held for sale if the Group will recover its carrying amount principally through a sale transaction rather than through continuing use. A non-current asset (or disposal group) classified as held for sale is measured at the lower of its carrying amount and fair value less costs to sell. If the asset (or disposal group) is acquired as part of a business combination it is initially measured at fair value less costs to sell.

Assets and liabilities of disposal groups classified as held for sale and non-current assets classified as held for sale are shown separately on the face of the balance sheet.

The results of discontinued operations - comprising the post-tax profit or loss of discontinued operations and the post-tax gain or loss recognised either on measurement to fair value less costs to sell or on disposal of the discontinued operation - are shown as a single amount on the face of the income statement; an analysis of this amount is presented in Note 18 on the accounts. A discontinued operation is a cash generating unit or a group of cash generating units that either has been disposed of, or is classified as held for sale, and (a) represents a separate major line of business or geographical area of operations, (b) is part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations or (c) is a subsidiary acquired exclusively with a view to resale.

#### **5. Employee benefits**

Short-term employee benefits, such as salaries, paid absences, and other benefits are accounted for on an accruals basis over the period in which the employees provide the related services. Employees may receive variable compensation satisfied by cash, by debt instruments issued by the Group or by RBSG shares. The treatment of share-based compensation is set out in Accounting policy 25. Variable compensation that is settled in cash or debt instruments is charged to profit or loss over the period from the start of the year to which the variable compensation relates to the expected settlement date taking account of forfeiture and clawback criteria.

The Group provides post-retirement benefits in the form of pensions and healthcare plans to eligible employees.

Contributions to defined contribution pension schemes are recognised in profit or loss when payable.

For defined benefit schemes, the defined benefit obligation is measured on an actuarial basis using the projected unit credit method and discounted at a rate determined by reference to market yields at the end of the reporting period on high quality corporate bonds of equivalent term and currency to the scheme liabilities. Scheme assets are measured at their fair value. The difference between scheme assets and scheme liabilities - the net defined benefit asset or liability - is recognised in the balance sheet. A defined benefit asset is limited to the present value of any economic benefits available to the Group in the form of refunds from the plan or reduced contributions to it.

The charge to profit or loss for pension costs (recorded in operating expenses) comprises:

- the current service cost
- interest, computed at the rate used to discount scheme liabilities, on the net defined benefit liability or asset
- past service cost resulting from a scheme amendment or curtailment
- gains or losses on settlement.

## Accounting policies

A curtailment occurs when the Group significantly reduces the number of employees covered by a plan. A plan amendment occurs when the Group introduces, or withdraws, a defined benefit plan or changes the benefits payable under an existing defined benefit plan. Past service cost may be either positive (when benefits are introduced or changed so that the present value of the defined benefit obligation increases) or negative (when benefits are withdrawn or changed so that the present value of the defined benefit obligation decreases). A settlement is a transaction that eliminates all further obligation for part or all of the benefits.

Actuarial gains and losses (i.e. gains or and losses on re-measuring the net defined benefit asset or liability) are recognised in other comprehensive income in full in the period in which they arise.

## 6. Intangible assets and goodwill

Intangible assets acquired by the Group are stated at cost less accumulated amortisation and impairment losses. Amortisation is charged to profit or loss over the assets' estimated economic lives using methods that best reflect the pattern of economic benefits and is included in Depreciation and amortisation. These estimated useful economic lives are:

Computer software	3 to 12 years
Other acquired intangibles	5 to 10 years

Expenditure on internally generated goodwill and brands is written-off as incurred. Direct costs relating to the development of internal-use computer software are capitalised once technical feasibility and economic viability have been established. These costs include payroll, the costs of materials and services, and directly attributable overheads. Capitalisation of costs ceases when the software is capable of operating as intended. During and after development, accumulated costs are reviewed for impairment against the benefits that the software is expected to generate. Costs incurred prior to the establishment of technical feasibility and economic viability are expensed as incurred as are all training costs and general overheads. The costs of licences to use computer software that are expected to generate economic benefits beyond one year are also capitalised.

Intangible assets include goodwill arising on the acquisition of subsidiaries and joint ventures. Goodwill on the acquisition of a subsidiary is the excess of the fair value of the consideration transferred, the fair value of any existing interest in the subsidiary and the amount of any non-controlling interest measured either at fair value or at its share of the subsidiary's net assets over the Group's interest in the net fair value of the subsidiary's identifiable assets, liabilities



and contingent liabilities. Goodwill arises on the acquisition of a joint venture when the cost of investment exceeds the Group's share of the net fair value of the joint venture's identifiable assets and liabilities. Goodwill is measured at initial cost less any subsequent impairment losses. Goodwill arising on the acquisition of associates is included within their carrying amounts. The gain or loss on the disposal of a subsidiary, associate or joint venture includes the carrying value of any related goodwill.

## 7. Property, plant and equipment

Items of property, plant and equipment (except investment property - see Accounting policy 9) are stated at cost less accumulated depreciation and impairment losses. Where an item of property, plant and equipment comprises major components having different useful lives, these are accounted for separately.

Depreciation is charged to profit or loss on a straight-line basis so as to write-off the depreciable amount of property, plant and equipment (including assets owned and let on operating leases) over their estimated useful lives. The depreciable amount is the cost of an asset less its residual value. Freehold land is not depreciated.

The estimated useful lives of the Group's property, plant and equipment are:

Freehold buildings	50 years
Long leasehold property (leases with more than 50 years to run)	50 years
Short leaseholds	unexpired period of the lease
Property adaptation costs	10 to 15 years
Computer equipment	up to 5 years
Other equipment	4 to 15 years

The residual value and useful life of property, plant and equipment are reviewed at each balance sheet date and updated for any changes to previous estimates.

## 8. Impairment of intangible assets and property, plant and equipment

At each reporting date, the Group assesses whether there is any indication that its intangible assets, or property, plant and equipment are impaired. If any such indication exists, the Group estimates the recoverable amount of the asset and the impairment loss if any. Goodwill is tested for impairment annually or more frequently if events or changes in circumstances indicate that it might be impaired.

If an asset does not generate cash flows that are independent from those of other assets or groups of assets, the recoverable amount is determined for the cash-generating unit to which the asset belongs. A cash-generating unit is the smallest identifiable group of assets that generates cash inflows that are largely independent of the cash inflows from other assets or groups of assets. For the purposes of impairment testing, goodwill acquired in a business combination is allocated to each of the Group's cash-generating units or groups of cash-generating units expected to benefit from the combination. The recoverable amount of an asset or cash-generating unit is the higher of its fair value less cost to sell and its value in use. Value in use is the present value of future cash flows from the asset or cash-generating unit discounted at a rate that reflects market interest rates adjusted for risks specific to the asset or cash-generating unit that have not been taken into account in estimating future cash flows. If the recoverable amount of an intangible or tangible asset is less than its carrying value, an impairment loss is recognised immediately in profit or loss and the carrying value of the asset reduced by the amount of the loss.

## Accounting policies

A reversal of an impairment loss on intangible assets (excluding goodwill) or property, plant and equipment is recognised as it arises provided the increased carrying value is not greater than it would have been had no impairment loss been recognised. Impairment losses on goodwill are not reversed.

### 9. Investment property

Investment property comprises freehold and leasehold properties that are held to earn rentals or for capital appreciation or both. Investment property is not depreciated but is stated at fair value. Fair value is based on current prices for similar properties in the same location and condition. Any gain or loss arising from a change in fair value is recognised in profit or loss. Rental income from investment property is recognised on a straight-line basis over the term of the lease in Other operating income. Lease incentives granted are recognised as an integral part of the total rental income.

### 10. Foreign currencies

The Group's consolidated financial statements are presented in sterling which is the functional currency of the company.

Group entities record transactions in foreign currencies in their functional currency - the currency of the primary economic environment in which they operate - at the foreign exchange rate ruling at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated into the relevant functional currency at the foreign exchange rates ruling at the balance sheet date. Foreign exchange differences arising on the settlement of foreign currency transactions and from the translation of monetary assets and liabilities are reported in income from trading activities except for differences arising on cash flow hedges and hedges of net investments in foreign operations (see Accounting policy 23).

Non-monetary items denominated in foreign currencies that are stated at fair value are translated into the relevant functional currency at the foreign exchange rates ruling at the dates the values are determined. Translation differences arising on non-monetary items measured at fair value are recognised in profit or loss except for differences arising on available-for-sale non-monetary financial assets, for example equity shares, which are recognised in other comprehensive income unless the asset is the hedged item in a fair value hedge.

Assets and liabilities of foreign operations, including goodwill and fair value adjustments arising on acquisition, are translated into sterling at foreign exchange rates ruling at the balance sheet date. Income and expenses of foreign operations are translated into sterling at average exchange rates unless these do not approximate to the foreign exchange rates ruling at the dates of the transactions. Foreign exchange differences arising on the translation of a foreign operation are recognised in other comprehensive income. The amount accumulated in equity is reclassified from equity to profit or loss on disposal of a foreign operation.

## **11. Leases**

As lessor

Contracts with customers to lease assets are classified as finance leases if they transfer substantially all the risks and rewards of ownership of the asset to the customer; all other contracts with customers to lease assets are classified as operating leases.

Finance lease receivables are included in the balance sheet, within Loans and advances to customers, at the amount of the net investment in the lease being the minimum lease payments and any unguaranteed residual value discounted at the interest rate implicit in the lease. Finance lease income is allocated to accounting periods so as to give a constant periodic rate of return before tax on the net investment and included in Interest receivable. Unguaranteed residual values are subject to regular review; if there is a reduction in their value, income allocation is revised and any reduction in respect of amounts accrued is recognised immediately.

Rental income from operating leases is recognised in income on a straight-line basis over the lease term unless another systematic basis better represents the time pattern of the asset's use. Operating lease assets are included within Property, plant and equipment and depreciated over their useful lives (see Accounting policy 7). Operating lease rentals receivable are included in Other operating income.

As lessee

The Group's contracts to lease assets are principally operating leases. Operating lease rental expense is included in Premises and equipment costs and recognised as an expense on a straight-line basis over the lease term unless another systematic basis better represents the benefit to the Group.

## **12. Provisions**

The Group recognises a provision for a present obligation resulting from a past event when it is more likely than not that it will be required to transfer economic benefits to settle the obligation and the amount of the obligation can be estimated reliably.

Provision is made for restructuring costs, including the costs of redundancy, when the Group has a constructive obligation to restructure. An obligation exists when the Group has a detailed formal plan for the restructuring and has raised a valid expectation in those affected by starting to implement the plan or by announcing its main features.

If the Group has a contract that is onerous, it recognises the present obligation under the contract as a provision. An onerous contract is one where the unavoidable costs of meeting the Group's contractual obligations exceed the expected economic benefits. When the Group vacates a leasehold property, a provision is recognised for the costs under the lease less any expected economic benefits (such as rental income).

## Accounting policies

Contingent liabilities are possible obligations arising from past events, whose existence will be confirmed only by uncertain future events, or present obligations arising from past events that are not recognised because either an outflow of economic benefits is not probable or the amount of the obligation cannot be reliably measured. Contingent liabilities are not recognised but information about them is disclosed unless the possibility of any outflow of economic benefits in settlement is remote.

### 13. Tax

Income tax expense or income, comprising current tax and deferred tax, is recorded in the income statement except income tax on items recognised outside profit or loss which is credited or charged to other comprehensive income or to equity as appropriate.

Current tax is income tax payable or recoverable in respect of the taxable profit or loss for the year arising in profit or loss, other comprehensive income or equity. Provision is made for current tax at rates enacted or substantively enacted at the balance sheet date.

Deferred tax is the tax expected to be payable or recoverable in respect of temporary differences between the carrying amount of an asset or liability for accounting purposes and its carrying amount for tax purposes. Deferred tax liabilities are generally recognised for all taxable temporary differences and deferred tax assets are recognised to the extent that it is probable that they will be recovered. Deferred tax is not recognised on temporary differences that arise from initial recognition of an asset or a liability in a transaction (other than a business combination) that at the time of the transaction affects neither accounting nor taxable profit or loss. Deferred tax is calculated using tax rates expected to apply in the periods when the assets will be realised or the liabilities settled, based on tax rates and laws enacted, or substantively enacted, at the balance sheet date.

Deferred tax assets and liabilities are offset where the Group has a legally enforceable right to offset and where they relate to income taxes levied by the same taxation authority either on an individual Group company or on Group companies in the same tax group that intend, in future periods, to settle current tax liabilities and assets on a net basis or on a gross basis simultaneously.

### 14. Financial assets

On initial recognition, financial assets are classified into held-to-maturity investments; held-for-trading; designated as at fair value through profit or loss; loans and receivables; or available-for-sale financial assets. Regular way purchases of financial assets classified as loans and receivables are recognised on settlement date; all other regular way transactions in financial assets are recognised on trade date.

*Held-to-maturity investments* - a financial asset may be classified as a held-to-maturity investment only if it has fixed or determinable payments, a fixed maturity and the Group has the positive intention and ability to hold to maturity. Held-to-maturity investments are initially recognised at fair value plus directly related transaction costs. They are subsequently measured at amortised cost using the effective interest method (see Accounting policy 3) less any impairment losses.

*Held-for-trading* - a financial asset is classified as held-for-trading if it is acquired principally for sale in the near term, or forms part of a portfolio of financial instruments that are managed together and for which there is evidence of short-term profit taking, or it is a derivative (not in a qualifying hedge relationship). Held-for-trading financial assets are recognised at fair value with transaction costs being recognised in profit or loss. Subsequently they are measured at fair value. Gains and losses on held-for-trading financial assets are recognised in profit or loss as they arise.

*Designated as at fair value through profit or loss* - financial assets may be designated as at fair value through profit or loss only if such designation (a) eliminates or significantly reduces a measurement or recognition inconsistency; or (b) applies to a group of financial assets, financial liabilities or both, that the Group manages and evaluates on a fair value basis; or (c) relates to an instrument that contains an embedded derivative which is not evidently closely related to the host contract. Financial assets that the Group designates on initial recognition as being at fair value through profit or loss are recognised at fair value, with transaction costs being recognised in profit or loss, and are subsequently measured at fair value. Gains and losses are recognised in profit or loss as they arise.

*Loans and receivables* - non-derivative financial assets with fixed or determinable repayments that are not quoted in an active market are classified as loans and receivables, except those that are classified as available-for-sale or as held-for-trading, or designated as at fair value through profit or loss. Loans and receivables are initially recognised at fair value plus directly related transaction costs. They are subsequently measured at amortised cost using the effective interest method (see Accounting policy 3) less any impairment losses.

*Available-for-sale financial assets* - financial assets that are not classified as held-to-maturity; held-for-trading; designated as at fair value through profit or loss; or loans and receivables are classified as available-for-sale. Financial assets can be designated as available-for-sale on initial recognition. Available-for-sale financial assets are initially recognised at fair value plus directly related transaction costs. They are subsequently measured at fair value. Unquoted equity investments whose fair value cannot be measured reliably are carried at cost and classified as available-for-sale financial assets. Impairment losses and exchange differences resulting from retranslating the amortised cost of foreign currency monetary available-for-sale financial assets are recognised in profit or loss together with interest calculated using the effective interest method (see Accounting policy 3) as are gains and losses attributable to the hedged risk on available-for-sale financial assets that are hedged items in fair value hedges (see Accounting policy 23). Other changes in the fair value of available-for-sale financial assets and any related tax are reported in other comprehensive

income until disposal, when the cumulative gain or loss is reclassified from equity to profit or loss.

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## Accounting policies

*Reclassifications* - held-for-trading and available-for-sale financial assets that meet the definition of loans and receivables (non-derivative financial assets with fixed or determinable payments that are not quoted in an active market) may be reclassified to loans and receivables if the Group has the intention and ability to hold the financial asset for the foreseeable future or until maturity. The Group typically regards the foreseeable future for this purpose as twelve months from the date of reclassification. Additionally, held-for-trading financial assets that do not meet the definition of loans and receivables may, in rare circumstances, be transferred to available-for-sale financial assets or to held-to-maturity investments. Reclassifications are made at fair value. This fair value becomes the asset's new cost or amortised cost as appropriate. Gains and losses recognised up to the date of reclassification are not reversed.

*Fair value* - the Group's approach to determining the fair value of financial instruments measured at fair value is set out in the section of Critical accounting policies and key sources of estimation uncertainty entitled Fair value - financial instruments; further details are given in Note 9.

### 15. Impairment of financial assets

The Group assesses at each balance sheet date whether there is any objective evidence that a financial asset or group of financial assets classified as held-to-maturity, as available-for-sale or as loans and receivables is impaired. A financial asset or group of financial assets is impaired and an impairment loss incurred if there is objective evidence that an event or events since initial recognition of the asset have adversely affected the amount or timing of future cash flows from the asset.

*Financial assets carried at amortised cost* - if there is objective evidence that an impairment loss on a financial asset or group of financial assets classified as loans and receivables or as held-to-maturity investments has been incurred, the Group measures the amount of the loss as the difference between the carrying amount of the asset or group of assets and the present value of estimated future cash flows from the asset or group of assets discounted at the effective interest rate of the instrument at initial recognition. For collateralised loans and receivables, estimated future cash flows include cash flows that may result from foreclosure less the costs of obtaining and selling the collateral, whether or not foreclosure is probable.

Where, in the course of the orderly realisation of a loan, it is exchanged for equity shares or property, the exchange is accounted for as the sale of the loan and the acquisition of equity securities or investment property. Where the Group's interest in equity shares following the exchange is such that the Group controls an entity, that entity is consolidated.

Impairment losses are assessed individually for financial assets that are individually significant and individually or collectively for assets that are not individually significant. In making collective impairment assessments, financial assets are grouped into portfolios on the basis of similar risk characteristics. Future cash flows from these portfolios are estimated on the basis of the contractual cash flows and historical loss experience for assets with similar credit risk characteristics.

Historical loss experience is adjusted, on the basis of observable data, to reflect current conditions not affecting the period of historical experience. Impairment losses are recognised in profit or loss and the carrying amount of the financial asset or group of financial assets reduced by establishing an allowance for impairment losses. If, in a subsequent period, the amount of the impairment loss reduces and the reduction can be ascribed to an event after the impairment was recognised, the previously recognised loss is reversed by adjusting the allowance. Once an impairment loss has been recognised on a financial asset or group of financial assets, interest income is recognised on the carrying amount using the rate of interest at which estimated future cash flows were discounted in measuring impairment.

Impaired loans and receivables are written off, i.e. the impairment provision is applied in writing down the loan's carrying value partially or in full, when the Group concludes that there is no longer any realistic prospect of recovery of part or all of the loan. For loans that are individually assessed for impairment, the timing of write off is determined on a case-by-case basis. Such loans are reviewed regularly and write off will be prompted by bankruptcy, insolvency, renegotiation and similar events.

The typical time frames from initial impairment to write off for the Group's collectively-assessed portfolios are:

- Retail mortgages: write off usually occurs within five years, or when an account is closed if earlier.

Credit cards: the irrecoverable amount is written off after 12 months; three years later any remaining amounts outstanding are written off.

- Overdrafts and other unsecured loans: write off occurs within six years.

Business and commercial loans: write offs of commercial loans are determined in the light of individual circumstances; the period does not exceed five years. Business loans are generally written off within five years.

Amounts recovered after a loan has been written off are credited to the loan impairment charge for the period in which they are received.

*Financial assets carried at fair value* - when a decline in the fair value of a financial asset classified as available-for-sale has been recognised directly in other comprehensive income and there is objective evidence that it is impaired, the cumulative loss is reclassified from equity to profit or loss. The loss is measured as the difference between the amortised cost (including any hedge accounting adjustments) of the financial asset and its current fair

value. Impairment losses on available-for-sale equity instruments are not reversed through profit or loss, but those on available-for-sale debt instruments are reversed, if there is an increase in fair value that is objectively related to a subsequent event.

## Accounting policies

### 16. Financial liabilities

Financial liabilities are recognised initially at fair value and classified into held-for-trading; designated as at fair value through profit or loss; or amortised cost. Issues of financial liabilities measured at amortised cost are recognised on settlement date; all other regular way transactions in financial liabilities are recognised on trade date.

*Held-for-trading* - a financial liability is classified as held-for-trading if it is incurred principally for repurchase in the near term, or forms part of a portfolio of financial instruments that are managed together and for which there is evidence of short-term profit taking, or it is a derivative (not in a qualifying hedge relationship). Held-for-trading financial liabilities are recognised at fair value with transaction costs being recognised in profit or loss. Subsequently they are measured at fair value. Gains and losses are recognised in profit or loss as they arise.

*Designated as at fair value through profit or loss* - financial liabilities may be designated as at fair value through profit or loss only if such designation (a) eliminates or significantly reduces a measurement or recognition inconsistency; or (b) applies to a group of financial assets, financial liabilities or both that the Group manages and evaluates on a fair value basis; or (c) relates to an instrument that contains an embedded derivative which is not evidently closely related to the host contract.

Financial liabilities that the Group designates on initial recognition as being at fair value through profit or loss are recognised at fair value, with transaction costs being recognised in profit or loss, and are subsequently measured at fair value. Gains and losses are recognised in profit or loss as they arise.

Financial liabilities designated as at fair value through profit or loss principally comprise structured liabilities issued by the Group: designation significantly reduces the measurement inconsistency between these liabilities and the related derivatives carried at fair value.

*Amortised cost* - all other financial liabilities are measured at amortised cost using the effective interest method (see Accounting policy 3).

*Fair value* - the Group's approach to determining the fair value of financial instruments measured at fair value is set out in the section of Critical accounting policies and key sources of estimation uncertainty entitled Fair value -

financial instruments; further details are given in Note 9.

### **17. Financial guarantee contracts**

Under a financial guarantee contract, the Group, in return for a fee, undertakes to meet a customer's obligations under the terms of a debt instrument if the customer fails to do so. A financial guarantee is recognised as a liability; initially at fair value and, if not designated as at fair value through profit or loss, subsequently at the higher of its initial value less cumulative amortisation and any provision under the contract measured in accordance with Accounting policy 12. Amortisation is calculated so as to recognise fees receivable in profit or loss over the period of the guarantee.

### **18. Loan commitments**

Provision is made for loan commitments, other than those classified as held-for-trading, if it is probable that the facility will be drawn and the resulting loan will be recognised at an amount less than the cash advanced. Syndicated loan commitments in excess of the level of lending under the commitment approved for retention by the Group are classified as held-for-trading and measured at fair value.

### **19. Derecognition**

A financial asset is derecognised when the contractual right to receive cash flows from the asset has expired or when it has been transferred and the transfer qualifies for derecognition. A transfer requires that the Group either (a) transfers the contractual rights to receive the asset's cash flows; or (b) retains the right to the asset's cash flows but assumes a contractual obligation to pay those cash flows to a third party. After a transfer, the Group assesses the extent to which it has retained the risks and rewards of ownership of the transferred asset. The asset remains on the balance sheet if substantially all the risks and rewards have been retained. It is derecognised if substantially all the risks and rewards have been transferred. If substantially all the risks and rewards have been neither retained nor transferred, the Group assesses whether or not it has retained control of the asset. If the Group has retained control of the asset, it continues to recognise the asset to the extent of its continuing involvement; if the Group has not retained control of the asset, it is derecognised.

A financial liability is removed from the balance sheet when the obligation is discharged, or is cancelled, or expires. On the redemption or settlement of debt securities (including subordinated liabilities) issued by the Group, the Group derecognises the debt instrument and records a gain or loss being the difference between the debt's carrying amount and the cost of redemption or settlement. The same treatment applies where the debt is exchanged for a new debt issue that has terms substantially different from those of the existing debt. The assessment of whether the terms of the new debt instrument are substantially different takes into account qualitative and quantitative characteristics including a comparison of the present value of the cash flows under the new terms with the present value of the remaining cash flows of the original debt issue discounted at the effective interest rate of the original debt issue.

### **20. Sale and repurchase transactions**

Securities subject to a sale and repurchase agreement under which substantially all the risks and rewards of ownership are retained by the Group continue to be shown on the balance sheet and the sale proceeds recorded as a financial liability. Securities acquired in a reverse sale and repurchase transaction under which the Group is not exposed to substantially all the risks and rewards of ownership are not recognised on the balance sheet and the consideration paid is recorded as a financial asset.

Securities borrowing and lending transactions are usually secured by cash or securities advanced by the borrower. Borrowed securities are not recognised on the balance sheet or lent securities derecognised.

## **Accounting policies**

Cash collateral given or received is treated as a loan or deposit; collateral in the form of securities is not recognised. However, where securities borrowed are transferred to third parties, a liability for the obligation to return the securities to the stock lending counterparty is recorded.

### **21. Netting**

Financial assets and financial liabilities are offset and the net amount presented in the balance sheet when, and only when, the Group currently has a legally enforceable right to set off the recognised amounts and it intends either to settle on a net basis or to realise the asset and settle the liability simultaneously. The Group is party to a number of arrangements, including master netting agreements, that give it the right to offset financial assets and financial liabilities but where it does not intend to settle the amounts net or simultaneously and therefore the assets and liabilities concerned are presented gross.

### **22. Capital instruments**

The Group classifies a financial instrument that it issues as a liability if it is a contractual obligation to deliver cash or another financial asset, or to exchange financial assets or financial liabilities on potentially unfavourable terms and as equity if it evidences a residual interest in the assets of the Group after the deduction of liabilities. The components of a compound financial instrument issued by the Group are classified and accounted for separately as financial assets, financial liabilities or equity as appropriate.

Incremental costs and related tax that are directly attributable to an equity transaction are deducted from equity.

The consideration for any ordinary shares of the company purchased by the Group (treasury shares) is deducted from equity. On the cancellation of treasury shares their nominal value is removed from equity and any excess of consideration over nominal value is treated in accordance with the capital maintenance provisions of the Companies Act. On the sale or reissue of treasury shares the consideration received and related tax are credited to equity, net of any directly attributable incremental costs.

### **23. Derivatives and hedging**

Derivative financial instruments are initially recognised, and subsequently measured, at fair value. The Group's approach to determining the fair value of financial instruments is set out in the section of Critical accounting policies

and key sources of estimation uncertainty entitled Fair value - financial instruments; further details are given in Note 9.

A derivative embedded in a contract is accounted for as a stand-alone derivative if its economic characteristics are not closely related to the economic characteristics of the host contract; unless the entire contract is measured at fair value with changes in fair value recognised in profit or loss.

Gains and losses arising from changes in the fair value of derivatives that are not the hedging instrument in a qualifying hedge are recognised as they arise in profit or loss. Gains and losses are recorded in Income from trading activities except for gains and losses on those derivatives that are managed together with financial instruments designated at fair value; these gains and losses are included in Other operating income.

The Group enters into three types of hedge relationship: hedges of changes in the fair value of a recognised asset or liability or unrecognised firm commitment (fair value hedges); hedges of the variability in cash flows from a recognised asset or liability or a highly probable forecast transaction (cash flow hedges); and hedges of the net investment in a foreign operation.

Hedge relationships are formally designated and documented at inception. The documentation identifies the hedged item and the hedging instrument and details the risk that is being hedged and the way in which effectiveness will be assessed at inception and during the period of the hedge. If the hedge is not highly effective in offsetting changes in fair values or cash flows attributable to the hedged risk, consistent with the documented risk management strategy, hedge accounting is discontinued. Hedge accounting is also discontinued if the Group revokes the designation of a hedge relationship.

*Fair value hedge* - in a fair value hedge, the gain or loss on the hedging instrument is recognised in profit or loss. The gain or loss on the hedged item attributable to the hedged risk is recognised in profit or loss and, where the hedged item is measured at amortised cost, adjusts the carrying amount of the hedged item. Hedge accounting is discontinued if the hedge no longer meets the criteria for hedge accounting; or if the hedging instrument expires or is sold, terminated or exercised; or if hedge designation is revoked. If the hedged item is one for which the effective interest rate method is used, any cumulative adjustment is amortised to profit or loss over the life of the hedged item using a recalculated effective interest rate.

*Cash flow hedge* - in a cash flow hedge, the effective portion of the gain or loss on the hedging instrument is recognised in other comprehensive income and the ineffective portion in profit or loss. When the forecast transaction results in the recognition of a financial asset or financial liability, the cumulative gain or loss is reclassified from equity to profit or loss in the same periods in which the hedged forecast cash flows affect profit or loss. Otherwise the cumulative gain or loss is removed from equity and recognised in profit or loss at the same time as the hedged transaction. Hedge accounting is discontinued if the hedge no longer meets the criteria for hedge accounting; if the hedging instrument expires or is sold, terminated or exercised; if the forecast transaction is no longer expected to



occur; or if hedge designation is revoked. On the discontinuance of hedge accounting (except where a forecast transaction is no longer expected to occur), the cumulative unrealised gain or loss is reclassified from equity to profit or loss when the hedged cash flows occur or, if the forecast transaction results in the recognition of a financial asset or financial liability, when the hedged forecast cash flows affect profit or loss. Where a forecast transaction is no longer expected to occur, the cumulative unrealised gain or loss is reclassified from equity to profit or loss immediately.

## Accounting policies

*Hedge of net investment in a foreign operation* - in the hedge of a net investment in a foreign operation, the portion of foreign exchange differences arising on the hedging instrument determined to be an effective hedge is recognised in other comprehensive income. Any ineffective portion is recognised in profit or loss. Non-derivative financial liabilities as well as derivatives may be the hedging instrument in a net investment hedge. On disposal or partial disposal of a foreign operation, the amount accumulated in equity is reclassified from equity to profit or loss.

### 24. Associates and joint ventures

An associate is an entity over which the Group has significant influence. A joint venture one which it controls jointly with other parties. Investments in associates and interests in joint ventures are recognised using the equity method. They are stated initially at cost, including attributable goodwill, and subsequently adjusted for post-acquisition changes in the Group's share of net assets.

### 25. Share-based compensation

The Group operates a number of share-based compensation schemes under which it awards RBSG shares and share options to its employees. Such awards are generally subject to vesting conditions: conditions that vary the amount of cash or shares to which an employee is entitled. Vesting conditions include service conditions (requiring the employee to complete a specified period of service) and performance conditions (requiring the employee to complete a specified period of service and specified performance targets to be met). Other conditions to which an award is subject are non-vesting conditions (such as a requirement to save throughout the vesting period).

The cost of employee services received in exchange for an award of shares or share options granted is measured by reference to the fair value of the shares or share options on the date the award is granted and takes into account non-vesting conditions and market performance conditions (conditions related to the market price of RBSG shares): an award is treated as vesting irrespective of whether any market performance condition or non-vesting condition is met. The fair value of options granted is estimated using valuation techniques which incorporate exercise price, term, risk-free interest rates, the current share price and its expected volatility. The cost is expensed on a straight-line basis over the vesting period (the period during which all the specified vesting conditions must be satisfied) with a corresponding increase in equity in an equity-settled award, or a corresponding liability in a cash-settled award. The cost is adjusted for vesting conditions (other than market performance conditions) so as to reflect the number of shares or share options that actually vest.

If an award is modified, the original cost continues to be recognised as if there had been no modification. Where modification increases the fair value of the award, this increase is recognised as an expense over the modified vesting

period. A new award of shares or share options is treated as the modification of a cancelled award if, on the date the new award is granted, the Group identifies them as replacing the cancelled award. The cancellation of an award through failure to meet non-vesting conditions triggers an immediate expense for any unrecognised element of the cost of an award.

## **26. Cash and cash equivalents**

In the cash flow statement, cash and cash equivalents comprises cash and deposits with banks with an original maturity of less than three months together with short-term highly liquid investments that are readily convertible to known amounts of cash and subject to insignificant risk of change in value.

### **Critical accounting policies and key sources of estimation uncertainty**

The reported results of the Group are sensitive to the accounting policies, assumptions and estimates that underlie the preparation of its financial statements. UK company law and IFRS require the directors, in preparing the Group's financial statements, to select suitable accounting policies, apply them consistently and make judgements and estimates that are reasonable and prudent. In the absence of an applicable standard or interpretation, IAS 8 'Accounting Policies, Changes in Accounting Estimates and Errors', requires management to develop and apply an accounting policy that results in relevant and reliable information in the light of the requirements and guidance in IFRS dealing with similar and related issues and the IASB's 'Conceptual Framework for Financial Reporting'. The judgements and assumptions involved in the Group's accounting policies that are considered by the Board to be the most important to the portrayal of its financial condition are discussed below. The use of estimates, assumptions or models that differ from those adopted by the Group would affect its reported results.

#### **(i) Pensions**

The Group operates a number of defined benefit pension schemes as described in Note 4 on the accounts. As described in Accounting policy 5, the assets of the schemes are measured at their fair value at the balance sheet date. Scheme liabilities are measured using the projected unit credit method, which takes account of projected earnings increases, using actuarial assumptions that give the best estimate of the future cash flows that will arise under the scheme liabilities. These cash flows are discounted at the interest rate applicable to high-quality corporate bonds of the same currency and term as the liabilities. Any recognisable surplus or deficit of scheme assets over liabilities is recorded in the balance sheet as an asset (surplus) or liability (deficit).

In determining the value of scheme liabilities, financial and demographic assumptions are made including price inflation, pension increases, earnings growth and the longevity of scheme members. A range of assumptions could be adopted in valuing the schemes' liabilities. Different assumptions could significantly alter the amount of the surplus or deficit recognised in the balance sheet and the pension cost charged to the income statement. The assumptions adopted for the Group's pension schemes are set out in Note 4 on the accounts, together with sensitivities of the balance sheet and income statement to changes in those assumptions.

A pension asset of £215 million and a liability of £3,789 million were recognised on the balance sheet at 31 December 2015 (2014 - asset £180 million, liability £4,318 million).

## Accounting policies

### (ii) Goodwill

The Group capitalises goodwill arising on the acquisition of businesses, as discussed in Accounting policy 6. The carrying value of goodwill as at 31 December 2015 was £5,558 million (2014 - £6,264 million).

Goodwill is the excess of the cost of an acquired business over the fair value of its net assets. Goodwill is not amortised but is tested for impairment annually or more frequently if events or changes in circumstances indicate that it might be impaired.

Impairment testing in accordance with Accounting policy 8 above inherently involves a number of judgmental areas: the preparation of cash flow forecasts for periods that are beyond the normal requirements of management reporting; the assessment of the discount rate appropriate to the business; estimation of the fair value of cash-generating units; and the valuation of their separable assets. The sensitivity of the assessment to changes in assumptions is discussed in Note 15.

### (iii) Provisions for liabilities

As set out in Note 20, at 31 December 2015 the Group recognised provisions for liabilities in respect of Payment Protection Insurance, £996 million (2014 - £799 million), foreign exchange investigations, £306 million (2014 - £320 million), other customer redress, £672 million (2014 - £580 million) and other regulatory proceedings and litigation, £3,985 million (2014 - £1,988 million). Provisions are liabilities of uncertain timing or amount, and are recognised when there is a present obligation as a result of a past event, the outflow of economic benefit is probable and the outflow can be estimated reliably. Judgement is involved in determining whether an obligation exists, and in estimating the probability, timing and amount of any outflows. Where the Group can look to another party such as an insurer to pay some or all of the expenditure required to settle a provision, any reimbursement is recognised when, and only when, it is virtually certain that it will be received.

*Payment Protection Insurance* - the Group has established a provision for redress payable in respect of the mis-selling of Payment Protection Insurance policies. The provision is management's best estimate of the anticipated costs of redress and related administration expenses. The determination of appropriate assumptions to underpin the provision requires significant judgement by management. The principal assumptions underlying the provision together with sensitivities to changes in those assumptions are given in Note 20.

*Provisions for litigation* - the Group and members of the Group are party to legal proceedings in the United Kingdom, the United States and other jurisdictions, arising out of their normal business operations. The measurement and recognition of liabilities in respect of litigation involves a high degree of management judgement. Before the existence of a present obligation as the result of a past event can be confirmed, numerous facts may need to be established,

involving extensive and time-consuming discovery, and novel or unsettled legal questions addressed. Once it is determined there is an obligation, assessing the probability of economic outflows and estimating the amount of any liability can be very difficult. In many proceedings, it is not possible to determine whether any loss is probable or to estimate the amount of any loss. Furthermore, for an individual matter, there can be a wide range of possible outcomes and often it is not practicable to quantify a range of such outcomes. The Group's outstanding litigation is periodically assessed in consultation with external professional advisers, where appropriate, to determine the likelihood of the Group incurring a liability. A detailed description of the Group's material legal proceedings and a discussion of the nature of the associated uncertainties are given in Note 30.

*Tax contingencies* - determining the Group's income tax charge and its provisions for income taxes necessarily involves a significant degree of estimation and judgement. The tax treatment of some transactions is uncertain and tax computations are yet to be agreed with the tax authorities in a number of jurisdictions. The Group recognises anticipated tax liabilities based on all available evidence and, where appropriate, in the light of external advice. Any difference between the final outcome and the amounts provided will affect current and deferred income tax assets and liabilities in the period when the matter is resolved.

#### **(iv) Deferred tax**

The Group makes provision for deferred tax on temporary differences where tax recognition occurs at a different time from accounting recognition. Deferred tax assets of £2,631 million were recognised as at 31 December 2015 (2014 - £1,911 million).

The Group has recognised deferred tax assets in respect of losses, principally in the UK, and temporary differences. Deferred tax assets are recognised in respect of unused tax losses and other temporary differences to the extent that it is probable that there will be future taxable profits against which the losses and other temporary differences can be utilised. The Group has considered their carrying value as at 31 December 2015 and concluded that, based on management's estimates, sufficient taxable profits will be generated in future years to recover recognised deferred tax assets. These estimates are based on forecast performance and take into account the Group's plans to implement the UK ring-fencing regime and the resultant transfers between members of the Group.

Deferred tax assets of £6,349 million (2014 - £5,738 million) have not been recognised in respect of tax losses and other temporary differences where the availability of future taxable profits is uncertain. Further details about the Group's deferred tax assets are given in Note 21.

## Accounting policies

### (v) Loan impairment provisions

The Group's loan impairment provisions are established to recognise incurred impairment losses in its portfolio of loans classified as loans and receivables and carried at amortised cost in accordance with Accounting policy 16. At 31 December 2015, customer loan impairment provisions amounted to £7,118 million (2014 - £17,460 million).

A loan is impaired when there is objective evidence that events since the loan was granted have affected expected cash flows from the loan. Such objective evidence, indicative that a borrower's financial condition has deteriorated, can include for loans that are individually assessed: the non-payment of interest or principal; debt renegotiation; probable bankruptcy or liquidation; significant reduction in the value of any security; breach of limits or covenants; and deteriorating trading performance and, for collectively assessed portfolios: the borrowers' payment status and observable data about relevant macroeconomic measures.

The impairment loss is the difference between the carrying value of the loan and the present value of estimated future cash flows at the loan's original effective interest rate.

There are two components to the Group's loan impairment provisions: individual and collective.

*Individual component* - all impaired loans that exceed specific thresholds are individually assessed for impairment. Individually assessed loans principally comprise the Group's portfolio of commercial loans to medium and large businesses. Impairment losses are recognised as the difference between the carrying value of the loan and the discounted value of management's best estimate of future cash repayments and proceeds from any security held. These estimates take into account the customer's debt capacity and financial flexibility; the level and quality of its earnings; the amount and sources of cash flows; the industry in which the counterparty operates; and the realisable value of any security held. Estimating the quantum and timing of future recoveries involves significant judgement. The size of receipts will depend on the future performance of the borrower and the value of security, both of which will be affected by future economic conditions; additionally, collateral may not be readily marketable. The actual amount of future cash flows and the date they are received may differ from these estimates and consequently actual losses incurred may differ from those recognised in these financial statements.

*Collective component* - this is made up of two elements: loan impairment provisions for impaired loans that are below individual assessment thresholds (collectively assessed provisions) and for loan losses that have been incurred but have not been separately identified at the balance sheet date (latent loss provisions). Collectively assessed provisions are established on a portfolio basis using a present value methodology taking into account the level of arrears,

security, past loss experience, credit scores and defaults based on portfolio trends. The most significant factors in establishing these provisions are the expected loss rates and the related average life. These portfolios include mortgages, credit card receivables and other personal lending. The future credit quality of these portfolios is subject to uncertainties that could cause actual credit losses to differ materially from reported loan impairment provisions. These uncertainties include the economic environment, notably interest rates and their effect on customer spending, the unemployment level, payment behaviour and bankruptcy trends. Latent loss provisions are held against estimated impairment losses in the performing portfolio that have yet to be identified as at the balance sheet date. To assess the latent loss within its portfolios, the Group has developed methodologies to estimate the time that an asset can remain impaired within a performing portfolio before it is identified and reported as such.

**(vi) Fair value - financial instruments**

In accordance with Accounting policies 14, 16 and 23, financial instruments classified as held-for-trading or designated as at fair value through profit or loss and financial assets classified as available-for-sale are recognised in the financial statements at fair value. All derivatives are measured at fair value.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. A fair value measurement takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. It also uses the assumptions that market participants would use when pricing the asset or liability. In determining fair value the Group maximises the use of relevant observable inputs and minimises the use of unobservable inputs.

Where the Group manages a group of financial assets and financial liabilities on the basis of its net exposure to either market risks or credit risk, it measures the fair value of a group of financial assets and financial liabilities on the basis of the price that it would receive to sell a net long position (i.e. an asset) for a particular risk exposure or to transfer a net short position (i.e. a liability) for a particular risk exposure in an orderly transaction at the measurement date under current market conditions.

Credit valuation adjustments are made when valuing derivative financial assets to incorporate counterparty credit risk. Adjustments are also made when valuing financial liabilities measured at fair value to reflect the Group's own credit standing.



## **Accounting policies**

Where the market for a financial instrument is not active, fair value is established using a valuation technique. These valuation techniques involve a degree of estimation, the extent of which depends on the instrument's complexity and the availability of market-based data. Further details about the Group's valuation methodologies and the sensitivity to reasonably possible alternative assumptions of the fair value of financial instruments valued using techniques where at least one significant input is unobservable are given in Note 9.

## **Accounting developments**

### **International Financial Reporting standards**

A number of IFRSs and amendments to IFRS were in issue at 31 December 2015 that would affect RBS from 1 January 2016 or later.

### **Effective for 2016**

'Accounting for Acquisitions of Interests in Joint Operations' issued in May 2014 amends IFRS 11 'Joint Arrangements'. An acquirer of an interest in a joint operation that is a business applies the relevant principles for business combinations in IFRS 3 and other standards and makes the relevant disclosures accordingly. The effective date is 1 January 2016.

'Clarification of Acceptable Methods of Depreciation and Amortisation' issued in May 2014 amends IAS 16 'Property, Plant and Equipment' and IAS 38 'Intangible Assets' requiring amortisation to be based on the consumption of an asset, introducing a rebuttable presumption that this is not achieved by an amortisation profile aligned to revenue. The effective date is 1 January 2016.

Annual Improvements to IFRS 2012 - 2014 cycle was issued in September 2014 making a number of minor amendments to IFRS. Its effective date is 1 January 2016.

Amendments to IFRS 10 'Consolidated Financial Statements', IFRS 12 'Disclosure of Interests in Other Entities' and IAS 28 'Investments in Associates and Joint Ventures' were issued in September 2014 to clarify the accounting for sales between an investor, its associate or joint ventures, and in December 2014 to clarify the application of the investment entity consolidation exception. The September 2014 amendments will be effective from a date to be determined by the IASB and the December 2014 amendments from 1 January 2016.

An amendment to IAS 1 'Presentation of Financial Statements' was issued in December 2014 to clarify the application of materiality to financial statements. Its effective date is 1 January 2016.

None of these amendments is expected to have a material effect on RBS' financial statements.

### **Effective after 2016 - IFRS 9**

In July 2014, the IASB published IFRS 9 'Financial Instruments' with an effective date of 1 January 2018. IFRS 9 replaces the current financial instruments standard IAS 39, setting out new accounting requirements in a number of areas. The Group is continuing its assessment of the standard's effect on its financial statements.

The principle features of IFRS 9 are as follows:

#### Recognition and derecognition

The material in IAS 39 setting out the criteria for the recognition and derecognition of financial instruments has been included unamended in IFRS 9.

#### Classification and measurement

*Financial assets* - There are three classifications for financial assets in IFRS 9: fair value through profit or loss; fair value through other comprehensive income; and amortised cost.

Financial assets with terms that give rise to interest and principal cash flows only and which are held in a business model whose objective is to hold financial assets to collect their cash flow are measured at amortised cost.

Financial assets with terms that give rise to interest and principal cash flows only and which are held in a business model whose objective is achieved by holding financial assets to collect their cash flow and selling them are measured at fair value through other comprehensive income.

Other financial assets are measured at fair value through profit and loss.

However, at initial recognition, any financial asset may be irrevocably designated as measured at fair value through profit or loss if such designation eliminates a measurement or recognition inconsistency.

The Group continues to evaluate the overall effect, but expects that the measurement basis of the majority of the Group's financial assets will be unchanged on application of IFRS 9.

*Financial liabilities* - IFRS 9's requirements on the classification and measurement of financial liabilities are largely unchanged from those in IAS 39. However, there is a change to the treatment of changes in the fair value attributable to own credit risk of financial liabilities designated as at fair value through profit or loss which are recognised in other comprehensive income and not in profit or loss as required by IAS 39.

## Accounting policies

### Hedge accounting

Hedge accounting requirements are designed to align accounting more closely to the risk management framework; permit a greater variety of hedging instruments; and remove or simplify some of the rule-based requirements in IAS 39. The basic mechanics of hedge accounting: fair value, cash flow and net investment hedges are retained. There is an option in IFRS 9 for an accounting policy choice to continue with the IAS 39 hedge accounting framework. The Group is actively considering its implementation approach.

### Credit impairment

IFRS 9's credit impairment requirements apply to financial assets measured at amortised cost, to those measured at fair value through other comprehensive income, to lease receivables and to certain loan commitments and financial guarantee contracts. On initial recognition a loss allowance is established at an amount equal to 12-month expected credit losses ('ECL') that is the portion of life-time expected losses resulting from default events that are possible within the next 12 months. Where a significant increase in credit risk since initial recognition is identified, the loss allowance increases so as to recognise all expected default events over the expected life of the asset. The Group expects that financial assets where there is objective evidence of impairment under IAS39 will be credit impaired under IFRS 9, and carry loss allowances based on all expected default events.

The assessment of credit risk and the estimation of ECL are required to be unbiased and probability-weighted: determined by evaluating at the reporting date for each customer or loan portfolio a range of possible outcomes using reasonable and supportable information about past events, current conditions and forecasts of future events and economic conditions. The estimation of ECL also takes into account the time value of money. Recognition and measurement of credit impairments under IFRS 9 are more forward-looking than under IAS 39.

A single bank-wide programme has been established to implement the necessary changes in the modelling of credit loss parameters, and the underlying credit management and financial processes; this programme is led jointly by Risk and Finance. The inclusion of loss allowances on all financial assets will tend to result in an increase in overall impairment balances when compared with the existing basis of measurement under IAS 39.

### Transition

The classification and measurement and impairment requirements are applied retrospectively by adjusting the opening balance sheet at the date of initial application, with no requirement to restate comparative periods. Hedge accounting is generally applied prospectively from that date.

**Effective after 2016 – other standards**

In January 2016, the IASB amended IAS 7 ‘Cash Flow Statements’ to require disclosure of the movements in financing liabilities. The amendment is effective from 1 January 2017.

In January 2016, the IASB amended IAS 12 ‘Income taxes’ to clarify the recognition of deferred tax assets in respect of unrealised losses. The amendment is effective from 1 January 2017.

IFRS 15 ‘Revenue from Contracts with Customers’ was issued in May 2014. It will replace IAS 11 ‘Construction Contracts’, IAS 18 ‘Revenue’ and several Interpretations. Contracts are bundled or unbundled into distinct performance obligations with revenue recognised as the obligations are met. It is effective from 1 January 2018.

IFRS 16 ‘Leases’ was issued in January 2016 to replace IAS 17 ‘Leases’. Accounting for finance leases will remain substantially the same. Operating leases will be brought on balance sheet through the recognition of assets representing the contractual rights of use and liabilities will be recognised for the contractual payments. The effective date is 1 January 2019.

The Group is assessing the effect of adopting these standards on its financial statements.

**Notes on the consolidated accounts****1 Net interest income**

	2015	2014	2013
	£m	£m	£m
Loans and advances to customers	11,268	12,339	13,165
Loans and advances to banks	340	367	433
Debt securities	317	373	890
Interest receivable	11,925	13,079	14,488
Customer accounts: demand deposits	619	598	664
Customer accounts: savings deposits	446	731	1,299
Customer accounts: other time deposits	315	440	719
Deposits by banks	45	75	277
Debt securities in issue	759	1,010	1,306
Subordinated liabilities	869	876	877
Internal funding of trading businesses	105	91	329
Interest payable	3,158	3,821	5,471
Net interest income	8,767	9,258	9,017

**2 Non-interest income**

	2015	2014	2013
	£m	£m	£m
Fees and commissions receivable			
Payment services	923	989	1,090
Credit and debit card fees	738	822	892
Lending (credit facilities)	1,076	1,250	1,291
Brokerage	262	321	397
Investment management	305	391	434
Trade finance	242	280	269
Other	196	361	305
	3,742	4,414	4,678
Fees and commissions payable			
Banking	(809)	(875)	(923)
Income from trading activities			
Foreign exchange	809	1,428	1,660
Interest rate	35	(108)	25
Credit	(80)	(82)	424
Changes in fair value of own debt and derivative liabilities attributable to own credit			
- debt securities in issue	252	44	131
- derivative liabilities	2	(84)	(96)
Equities and other	42	87	427
	1,060	1,285	2,571
(Loss)/gain on redemption of own debt	(263)	20	175

Other operating income			
Operating lease and other rental income	276	380	484
Changes in the fair value of own debt designated as at fair value through profit or loss attributable to own credit risk (1)			
- debt securities in issue	84	(89)	(49)
- subordinated liabilities	(29)	(17)	(106)
Other changes in the fair value of financial assets and liabilities designated as at fair value through profit or loss and related derivatives	375	83	(26)
Changes in the fair value of investment properties	2	(25)	(281)
(Loss)/profit on sale of securities	(4)	227	737
Profit on sale of property, plant and equipment	91	137	35
(Loss)/profit on sale of subsidiaries and associates	(102)	192	168
Loss on disposal or settlement of loans and receivables	(558)	(232)	(179)
Share of profits of associated entities	140	126	320
Other income (2)	151	266	116
	426	1,048	1,219

## Notes:

- (1) Measured as the change in fair value from movements in the year in the credit risk premium payable by RBS.  
(2) Includes income from activities other than banking.

**Notes on the consolidated accounts****3 Operating expenses**

	2015	2014	2013
	£m	£m	£m
Salaries	3,177	3,503	3,661
Variable compensation	314	408	548
Temporary and contract costs	638	526	650
Social security costs	344	379	422
Share-based compensation	36	43	49
Pension costs			
- defined benefit schemes (see Note 4)	523	462	508
- curtailment and settlement gains (see Note 4)	(65)	—	(7)
- defined contribution schemes	74	87	76
Severance	511	196	69
Other	174	153	110
Staff costs	5,726	5,757	6,086
Premises and equipment	1,827	2,081	2,038
UK bank levy	230	250	200
Other administrative expenses (1)	6,058	4,318	6,492
Property, plant and equipment depreciation and write down (see Note 16)	950	671	759
Intangible assets amortisation (see Note 15)	230	259	488
Depreciation and amortisation	1,180	930	1,247
Write down of goodwill and other intangible assets (see Note 15)	1,332	523	1,403
	16,353	13,859	17,466

**Integration, restructuring and divestment costs**

Included in operating expenses are the following integration, restructuring and divestment costs.

	Premises and Staff depreciation		Other (2)	Total
	£m	£m	£m	£m
<b>Integration and restructuring</b>				
2015	616	737	950	2,303
2014	261	269	268	798
2013	191	119	165	475
<b>Divestment</b>				
2015	214	9	405	628



2014	120	3	233	356
2013	86	2	77	165

Notes:

(1) Includes Payment Protection Insurance costs, Interest Rate Hedging Products redress and related costs, and other litigation and conduct costs. Further details are provided in Note 20.

(2) Includes other administrative expenses, write down of goodwill and other intangible assets.

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**Notes on the consolidated accounts**

The average number of persons employed, rounded to the nearest hundred, in continuing operations during the year, excluding temporary staff, was 88,800 (2014 - 92,800; 2013 - 97,900); on the same basis there were 10,100 people employed in discontinued operations (2014 - 18,200; 2013 - 22,900). The average number of temporary employees during 2015 was 7,800 (2014 - 8,100; 2013 - 9,800). The number of persons employed in continuing operations at 31 December, excluding temporary staff, by reportable segment, was as follows:

	2015	2014*	2013*
UK Personal & Business Banking	24,600	24,400	26,100
Ulster Bank RoI	2,500	2,500	2,600
Personal & Business Banking	27,100	26,900	28,700
Commercial Banking	5,700	6,000	7,000
Private Banking	1,900	2,200	2,200
RBS International	700	600	700
Commercial & Private Banking	8,300	8,800	9,900
Corporate & Institutional Banking	1,200	1,700	2,100
Capital Resolution	1,300	2,400	2,300
Williams & Glyn	4,800	4,500	4,600
Central items & other	45,100	45,300	47,100
Non-Core	—	—	1,000
Integration and restructuring	—	100	200
Total	87,800	89,700	95,900
UK	64,100	63,400	68,700
USA	1,100	2,000	2,400
Europe	6,200	7,400	8,400
Rest of the World	16,400	16,900	16,400
Total	87,800	89,700	95,900

\*Re-presented to reflect the segmental reorganisation.

There were no people employed in discontinued operations at 31 December 2015 (2014 - 17,400; 2013 - 19,000).

**Share-based payments**

As described in the Remuneration report on page 88, the Group grants share-based awards to employees principally on the following bases:

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Award plan	Eligible employees	Nature of award (1)	Vesting conditions (2)	Settlement
Sharesave	UK, Republic of Ireland, Channel Islands, Gibraltar and Isle of Man	Option to buy shares under employee savings plan	Continuing employment or leavers in certain circumstances	2016 to 2020
Deferred performance awards	All	Awards of ordinary shares	Continuing employment or leavers in certain circumstances	2016 to 2018
Long-term incentives (3)	Senior employees	Awards of conditional shares or share options	Continuing employment or leavers in certain circumstances and/or achievement of performance conditions	2016 to 2020

Notes:

(1) Awards are equity-settled unless international comparability is better served by cash-settled awards.

(2) All awards have vesting conditions and therefore some may not vest.

(3) Long-term incentives include the Executive Share Option Plan, the Long-Term Incentive Plan, the Medium-Term Performance Plan and the Employee Share Plan.

**Notes on the consolidated accounts**

The fair value of options granted in 2015 was determined using a pricing model that included: expected volatility of shares determined at the grant date based on historical volatility over a period of up to seven years; expected option lives that equal the vesting period; no dividends on equity shares; and risk-free interest rates determined from UK gilts with terms matching the expected lives of the options.

The strike price of options and the fair value on granting awards of fully paid shares is the average market price over the five trading days (three trading days for Sharesave) preceding grant date.

<b>Sharesave</b>	2015		2014		2013	
	Average exercise price	Shares under option	Average exercise price	Shares under option	Average exercise price	Shares under option
	£	(million)	£	(million)	£	(million)
At 1 January	2.85	51	2.90	62	2.86	57
Granted	2.91	12	3.43	12	2.96	13
Exercised	2.38	(2)	2.34	(6)	2.36	—
Cancelled	2.98	(5)	3.61	(17)	3.38	(8)
At 31 December	2.87	56	2.85	51	2.90	62

Options are exercisable within six months of vesting; 1.0 million options were exercisable at 31 December 2015 (2014 - 1.9 million; 2013 - 1.3 million). The weighted average share price at the date of exercise of options was £3.54 (2014 - £3.65; 2013 - £3.36). At 31 December 2015, exercise prices ranged from £2.33 to £18.93 (2014 and 2013 - £2.33 to £39.27) and the remaining average contractual life was 2.9 years (2014 - 3.7 years; 2013 - 3.5 years). The fair value of options granted in 2015 was £12 million (2014 - £18 million; 2013 - £25 million).

<b>Deferred performance awards</b>	2015		2014		2013	
	Value at Shares grant	Value at Shares awarded	Value at Shares grant	Value at Shares awarded	Value at Shares grant	Value at Shares awarded
	£m	(million)	£m	(million)	£m	(million)
At 1 January	272	85	180	55	261	73
Granted	186	50	311	95	113	36
Forfeited	(34)	(11)	(28)	(7)	(48)	(14)
Vested	(148)	(44)	(170)	(51)	(146)	(40)
Disposals	—	—	(21)	(7)	—	—
At 31 December	276	80	272	85	180	55

The awards granted in 2015 vest evenly over the following three anniversaries.

### Long-term incentives

	2015			2014			2013		
	Value	Shares	Options over shares	Value	Shares	Options over shares	Value	Shares	Options over shares
	at grant	awarded		grant	awarded		grant	awarded	
	£m	(million)	(million)	£m	(million)	(million)	£m	(million)	(million)
At 1 January	214	69	7	320	94	13	375	98	20
Granted	39	11	—	72	22	—	109	35	—
Vested/exercised	(51)	(18)	(2)	(61)	(14)	(5)	(51)	(11)	(3)
Lapsed	(49)	(18)	—	(85)	(22)	(1)	(113)	(28)	(4)
Disposals	—	—	—	(32)	(11)	—	—	—	—
At 31 December	153	44	5	214	69	7	320	94	13

The market value of awards vested/exercised in 2015 was £55 million (2014 - £44 million; 2013 - £37 million). There are vested options over 5 million shares exercisable up to 2019 (2014 - 7 million; 2013 - 13 million).

**Notes on the consolidated accounts****Variable compensation awards**

The following tables analyse the Group and CIB variable compensation awards for 2015.

	Group			CIB		
	2015 £m	2014 £m	Change %	2015 £m	2014 £m	Change %
Non-deferred cash awards (2)	61	66	(8)	2	5	(60)
Deferred bond awards	149	168	(11)	17	30	(43)
Deferred share awards	163	187	(13)	52	79	(34)
Total deferred variable compensation	312	355	(12)	69	109	(37)
Total variable compensation (3)	373	421	(11)	71	114	(38)
Variable compensation as a % of operating profit (4,5)	8%	7%		nm	23%	
Proportion of variable compensation that is deferred	84%	84%		97%	96%	
Of which						
- deferred bond awards	48%	47%		25%	28%	
- deferred share awards	52%	53%		75%	72%	

<b>Reconciliation of variable compensation awards to income statement charge</b>	2015 £m	2014 £m	2013 £m
Variable compensation awarded	373	421	536
Less: deferral of charge for amounts awarded for current year	(97)	(150)	(230)
Income statement charge for amounts awarded in current year	276	271	306
Add: current year charge for amounts deferred from prior years	140	201	279
Less: forfeiture of amounts deferred from prior years	(102)	(64)	(37)
Income statement charge for amounts deferred from prior years	38	137	242
Income statement charge for variable compensation (3)	314	408	548

<b>Year in which income statement charge is expected to be taken for deferred variable compensation</b>	Actual			Expected	
	2013 £m	2014 £m	2015 £m	2016 £m	2017 and beyond £m
Variable compensation deferred from 2013 and earlier	289	204	48	21	2
Variable compensation deferred from 2014	—	—	92	20	10
Less: clawback of variable compensation deferred from prior years	(10)	(3)	—	—	—
Less: forfeiture of amounts deferred from prior years	(37)	(64)	(102)	—	—
Variable compensation for 2015 deferred	—	—	—	79	18
	242	137	38	120	30

Notes:

- (1) The tables above relate to continuing businesses only.
- (2) Cash awards are limited to £2,000 for all employees.
- (3) Excludes other performance related compensation.
- (4) Reported operating profit excluding Citizens Financial Group before variable compensation expense and other items. CIB 2014 data excluding the impact of the creation of Capital Resolution.
- (5) CIB variable compensation as a percentage of operating profit/(loss) for 2015 is impacted by the reduced scale and resources in CIB as the segment is reshaped and income decreases faster than costs.

## Notes on the consolidated accounts

### 4 Pensions

The Group sponsors a number of pension schemes in the UK and overseas.

The Royal Bank of Scotland Group Pension Fund (the “Main scheme”) operates under UK trust law and is managed and administered on behalf of its members in accordance with the terms of the trust deed, the scheme rules and UK legislation (principally the Pension Schemes Act 1993, the Pensions Act 1995 and the Pensions Act 2004). Under UK legislation a defined benefit pension scheme is required to meet the statutory funding objective of having sufficient and appropriate assets to cover its liabilities. Pension fund trustees are required to: prepare a statement of funding principles; obtain regular actuarial valuations and reports; put in place a recovery plan addressing any funding shortfall; and send regular summary funding statements to members of the scheme.

The Main scheme corporate trustee is RBS Pension Trustee Limited (RBSPT), a wholly owned subsidiary of National Westminster Bank Plc. RBSPT is the legal owner of the Main scheme assets which are held separately from the assets of the Group. The Board of RBSPT comprises four trustee directors nominated by members selected from eligible active staff and pensioner members who apply and six appointed by the Group. The Board is responsible for operating the scheme in line with its formal rules and pensions law. It has a duty to act in the best interests of all scheme members, including pensioners and those who are no longer employed by the Group, but who still have benefits in the scheme.

Similar governance principles apply to the Group’s other pension schemes, although different legislative frameworks apply to the Group’s overseas schemes.

The Main scheme, accounting for 88% (2014 - 87%) of the Group’s retirement benefit obligations, was closed to new entrants in 2006. Since 2009, pensionable salary increases in the Main scheme and certain other UK and Irish schemes have been limited to 2% per annum or CPI inflation if lower. Also, with effect from 1 October 2012, the normal pension age for future benefits was increased to 65 unless members elect to contribute to maintain a normal pension age of 60.

The Group’s defined benefit schemes generally provide a pension of one-sixtieth of final pensionable salary for each year of service prior to retirement up to a maximum of 40 years. Employees making additional contributions can secure additional benefits.



Since October 2006, new UK entrants may join The Royal Bank of Scotland Retirement Savings Plan, a defined contribution pension scheme.

The Group also provides post-retirement benefits other than pensions, principally through subscriptions to private healthcare schemes in the UK and unfunded post-retirement benefit plans. Provision for the costs of these benefits is charged to the income statement over the average remaining future service lives of eligible employees. The amounts are not material.

Interim valuations of the Group's schemes under IAS 19 'Employee Benefits' were prepared at 31 December with the support of independent actuaries, using the following assumptions:

Principal IAS 19 actuarial assumptions	Main scheme	
	2015	2014
	%	%
Discount rate	3.9	3.7
Expected return on plan assets	3.9	3.7
Rate of increase in salaries	1.8	1.8
Rate of increase in pensions in payment	2.8	2.8
Inflation assumption (RPI)	3.0	3.0

#### Discount rate

The Group discounts its defined benefit pension obligations at discount rates determined by reference to the yield on 'high quality' corporate bonds.

The sterling yield curve (applied to 93% of the Group's defined benefit obligations) is constructed by reference to yields on 'AA' corporate bonds from which a single discount rate is derived based on a cash flow profile similar in structure and duration to the pension obligations. Significant judgement is required when setting the criteria for bonds to be included in the population from which the yield curve is derived.

The criteria include issue size, quality of pricing and the exclusion of outliers. Judgement is also required in determining the shape of the yield curve at long durations: a constant credit spread relative to gilts is assumed.

**Notes on the consolidated accounts**

<b>Major classes of plan assets as a percentage of total plan assets</b>	Main scheme	
	2015	2014
	%	%
Quoted assets		
Quoted equities		
- Consumer industry	5.3	4.3
- Manufacturing industry	3.2	3.2
- Energy and utilities	2.6	2.9
- Financial institutions	5.4	3.9
- Technology and telecommunications	3.4	4.2
- Other	0.9	2.8
Private equity	3.4	4.3
Index-linked bonds	28.2	28.1
Government fixed interest bonds	9.0	3.6
Corporate fixed interest bonds	18.0	15.3
Unquoted assets		
Corporate and other bonds	3.3	2.3
Hedge funds	0.2	1.6
Real estate	6.4	5.8
Derivatives	6.4	10.6
Cash and other assets	4.1	7.1
Equity exposure of equity futures	(1.4)	1.3
Cash exposure of equity futures	1.6	(1.3)
	100.0	100.0

The assets of the Main scheme, which represent 88% of plan assets at 31 December 2015 (2014 - 88%), are invested in a diversified portfolio of quoted and private equity, government and corporate fixed-interest and index-linked bonds, and other assets including property and hedge funds.

The Main scheme employs derivative instruments to achieve a desired asset class exposure or to match assets more closely to liabilities. The value of assets shown reflects the assets owned by the scheme, with any derivative holdings valued on a mark-to-market basis.

**Notes on the consolidated accounts**

The Main scheme's holdings of derivative instruments are summarised in the table below:

	2015			2014		
	Notional amounts	Fair value Assets	Fair value Liabilities	Notional amounts	Fair value Assets	Fair value Liabilities
	£m	£m	£m	£m	£m	£m
Inflation rate swaps	9,018	76	647	8,467	73	415
Interest rate swaps	15,739	5,722	3,710	23,858	6,055	3,305
Currency forwards	10,247	—	222	8,562	2	—
Equity and bond call options	6,277	744	1	7,382	846	48
Equity and bond put options	6,109	2	12	7,409	1	61
Other	2,236	1,506	1,479	2,437	665	628

The investment strategy of other schemes is similar to that of the Main scheme, adjusted to take account of the nature of liabilities, risk appetite of the trustees, size of the scheme and any local regulatory constraints. The use of derivative instruments outside the Main scheme is not material.

Swaps are part of the management of the inflation and interest rate sensitivity of the Main scheme liabilities. They have been executed at prevailing market rates and within standard market bid/offer spreads with a number of banks, including The Royal Bank of Scotland plc and National Westminster Bank Plc (the "banks"). At 31 December 2015, the gross notional value of the swaps was £26,871 million (2014 - £34,163 million) and had a net positive fair value of £1,444 million (2014 - £2,433 million).

Collateral is required on all swap transactions. The banks had delivered £1,267 million of collateral at 31 December 2015 (2014 - £2,908 million).

Ordinary shares of the company with a fair value of £2 million (2014 - £2 million) and other financial instruments issued by the Group with a value of £1,144 million (2014 - £2,172 million) are held by the Main scheme.

<b>IAS 19 post-retirement mortality assumptions (Main scheme)</b>	2015	2014
Longevity at age 60 for current pensioners (years)		
Males	27.8	28.0
Females	29.8	30.0
Longevity at age 60 for future pensioners currently aged 40 (years)		
Males	29.1	29.3
Females	31.4	31.6



## Notes on the consolidated accounts

	Main scheme*				All schemes*			
	Fair value of plan assets £m	Present value of defined benefit obligation £m	Asset ceiling/ minimum funding (1) £m	Net pension liability £m	Fair value of plan assets £m	Present value of defined benefit obligation £m	Asset ceiling/ minimum funding (1) £m	Net pension liability £m
<b>Changes in value of net pension liability</b>								
At 1 January 2014	24,272	26,958	—	2,686	28,488	31,484	—	2,996
Change of accounting policy						—	105	105
Currency translation and other adjustments					(60)	(85)		(25)
<b>Income statement</b>								
Net interest expense	1,137	1,234		97	1,314	1,421		107
Current service cost		278		278		357		357
Past service cost		18		18		2		2
	1,137	1,530		393	1,314	1,780		466
<b>Statement of comprehensive income</b>								
Return on plan assets above recognised interest income	4,629	—		(4,629)	5,171	—		(5,171)
Experience gains and losses	—	(3)		(3)	—	(18)		(18)
Effect of changes in actuarial financial assumptions	—	3,757		3,757	—	4,806		4,806
Effect of changes in actuarial demographic assumptions	—	401		401	—	491		491
Asset ceiling/minimum funding adjustments			1,739	1,739			1,749	1,749
	4,629	4,155	1,739	1,265	5,171	5,279	1,749	1,857
Contributions by employer	906	—		(906)	1,065	—		(1,065)
Contributions by plan participants and other scheme members	—	—		—	5	5		—
Benefits paid	(867)	(867)		—	(1,030)	(1,030)		—
Transfer to disposal groups	—	—		—	(594)	(790)		(196)
At 1 January 2015	30,077	31,776	1,739	3,438	34,359	36,643	1,854	4,138
Currency translation and other adjustments	—	—		—	(36)	(73)		(37)
<b>Income statement</b>								
Net interest expense	1,118	1,158	64	104	1,207	1,298	64	155
Current service cost		245		245	—	328		328
Past service cost		28		28	—	40		40
Gains on curtailments or settlement		—		—	—	(65)		(65)
	1,118	1,431	64	377	1,207	1,601	64	458
<b>Statement of comprehensive income</b>								

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Return on plan assets above recognised interest income	(415)	—		415	(458)	—		458
Experience gains and losses	—	(233)		(233)	—	(258)		(258)
Effect of changes in actuarial financial assumptions	—	(1,124)		(1,124)	—	(1,387)		(1,387)
Effect of changes in actuarial demographic assumptions	—	112		112	—	48		48
Asset ceiling/minimum funding adjustments			1,178	1,178			1,212	1,212
	(415)	(1,245)	1,178	348	(458)	(1,597)	1,212	73
Contributions by employer	919	—		(919)	1,060	—		(1,060)
Contributions by plan participants and other scheme members	—	—		—	6	6		—
Benefits paid	(996)	(996)		—	(1,131)	(1,131)		—
Transfer to disposal groups	—	—		—	(299)	(297)		2
At 31 December 2015	30,703	30,966	2,981	3,244	34,708	35,152	3,130	3,574

\*Restated - refer to page 270 for further details.

Note:

In recognising the net surplus or deficit of a pension scheme, the funded status of each scheme is adjusted to reflect (1) any minimum funding requirement imposed on the sponsor and any ceiling on the amount that the sponsor has a right to recover from a scheme.

**Analysis of net pension deficit**

	Main scheme	
	2015	2014
	£m	£m
Fund assets at fair value	30,703	30,077
Present value of fund liabilities	30,966	31,776
Funded status	263	1,699
Asset ceiling/minimum funding	2,981	1,739
Retirement benefit liability	3,244	3,438
Minimum funding requirement	3,657	4,190
Asset ceiling	(413)	(752)
	3,244	3,438

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**Notes on the consolidated accounts**

<b>Net pension deficit comprises</b>	2015	2014*
	£m	£m
Net assets of schemes in surplus (included in Prepayments, accrued income and other assets, Note 17)	(215)	(180)
Net liabilities of schemes in deficit	3,789	4,318
	3,574	4,138

The income statement charge comprises:

	2015	2014	2013
	£m	£m	£m
Continuing operations	458	462	501
Discontinued operations	—	4	9
	458	466	510

\*Restated - refer to page 270 for further details

The weighted average duration of the Main scheme's defined benefit obligation at 31 December 2015 is 19.1 years (2014 - 20.0 years).

The defined benefit obligation is attributable to the different classes of scheme members in the following proportions (Main scheme):

	2015	2014
	%	%
Active	17.5	18.8
Deferred	41.9	41.0
Pensioner	40.6	40.2
	100.0	100.0

The table below sets out the sensitivities of the present value of defined benefit obligations at 31 December to a change in the principal actuarial assumptions.

	Main scheme (decrease)/increase in obligation at 31 December	
	2015	2014
	£m	£m
0.25% increase in the discount rate	(1,392)	(1,466)

0.25% increase in inflation	1,106	1,159
0.25% additional rate of increase in pensions in payment	945	982
Longevity increase of one year	853	988

Pension liabilities are calculated on the central assumptions and under the relevant sensitivity scenarios. The sensitivity to pension liabilities is the difference between these calculations.

The sensitivity analysis presented above may not be representative of the actual change in the defined benefit obligation as it is unlikely that the changes in assumptions would occur in isolation of one another as some of the assumptions may be correlated.

<b>History of defined benefit schemes</b>	Main scheme					All schemes				
	2015	2014	2013	2012	2011	2015	2014	2013	2012	2011
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
Fair value of plan assets	30,703	30,077	24,272	22,441	21,111	34,708	34,359	28,488	26,370	25,086
Present value of plan obligations	30,966	31,776	26,958	25,648	22,955	35,152	36,643	31,484	30,110	27,137
Net deficit	263	1,699	2,686	3,207	1,844	444	2,284	2,996	3,740	2,051
Experience gains/(losses) on plan liabilities	233	3	102	(232)	(208)	258	18	176	(207)	(200)
Experience (losses)/gains on plan assets	(415)	4,629	986	301	935	(458)	5,171	1,097	485	842
Actual return on plan assets	703	5,766	1,997	1,329	1,966	749	6,485	2,270	1,696	2,065
Actual return on plan assets - %	2.3%	23.8%	8.9%	6.3%	10.3%	2.2%	22.8%	8.6%	6.8%	9.1%



**Notes on the consolidated accounts**

Triennial funding valuation

In May 2014, the triennial funding valuation of the Main scheme was agreed which showed that the value of the liabilities exceeded the value of assets by £5.6 billion at 31 March 2013, a ratio of 82%. To eliminate this deficit, RBS agreed to pay annual additional contributions of £650 million from 2014 to 2016 and £450 million (indexed in line with inflation) from 2017 to 2023. These contributions are in addition to regular annual contributions of approximately £270 million in respect of the ongoing accrual of benefits as well as contributions to meet the expenses of running the scheme.

In January 2016, RBS sought regulatory approval to accelerate the settlement of the outstanding additional contributions of £4.2 billion and it entered into a Memorandum of Understanding with the trustee of the Main scheme which, among other things, will bring forward the date of the next triennial funding valuation to no later than 31 December 2015.

The trustee of the Main scheme is responsible for setting the actuarial assumptions used in the triennial funding valuation having taken advice from the Scheme Actuary. These represent the trustee's prudent estimate of the future experience of the Main scheme taking into account the covenant provided by RBS and investment strategy of the scheme. They are agreed with RBS and documented in the Statement of Funding Principles.

The key assumption methodology used at the 31 March 2013 valuation is set out below:

**Principal actuarial assumptions**

Discount rate	Fixed interest swap yield curve plus 1.5% per annum at all durations
Inflation assumption	Retail price index (RPI) swap yield curve
Rate of increase in pensions in payment	(RPI floor 0%, cap 5%):

Limited  
price  
indexation  
(LPI) (0,5)  
swap yield  
curve

## Post retirement mortality assumptions:

Longevity at age 60 for current pensioners (years)

Male 28.8

Female 30.8

Male 30.7

Longevity at age 60 for future pensioners currently aged 40 (years)

Female 32.9

## 5 Auditor's remuneration

Amounts paid to the Group's auditors for statutory audit and other services are set out below. All audit-related and other services are approved by the Group Audit Committee and are subject to strict controls to ensure the external auditor's independence is unaffected by the provision of other services. The Group Audit Committee recognises that for certain assignments the auditors are best placed to perform the work economically; for other work the Group selects the supplier best placed to meet its requirements. The Group's auditors are permitted to tender for such work in competition with other firms where the work is permissible under audit independence rules.

The analysis of auditor's remuneration is as follows:

	2015	2014
	£m	£m
Fees payable for the audit of the Group's annual accounts	4.0	4.0
Fees payable to the auditor and its associates for other services to the Group		
- the audit of the company's subsidiaries	19.3	24.2
- audit-related assurance services (1)	4.8	4.8
Total audit and audit-related assurance services fees	28.1	33.0
Taxation compliance services	0.4	0.3
Taxation advisory services	0.1	0.1
Other assurance services	1.4	1.6
Corporate finance services (2)	1.1	1.7
Consulting services	—	0.1
Total other services	3.0	3.8
Total	31.1	36.8

Notes:

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(1) Comprises fees of £0.8 million (2014 - £0.9 million) in relation to reviews of interim financial information, £2.5 million (2014 - £2.5 million) in respect of reports to the Group's regulators in the UK and overseas, £0.4 million (2014 - £0.3 million) in respect of internal controls assurance and £1.1 million (2014 - £1.1 million) in relation to non-statutory audit opinions.

(2) Comprises fees of £1.1 million (2014 - £0.9 million) in respect of work performed by the auditors as reporting accountants on debt and equity issuances undertaken by the Group, including securitisations, £0.6 million (2014 - £0.8 million), and a working capital report in connection with a circular to shareholders, £0.4 million. Fees in 2014 included £0.8 million in respect of reporting accountant services in connection with disposals by the Group.

**Notes on the consolidated accounts****6 Tax**

	2015	2014	2013
	£m	£m	£m
Current tax			
Charge for the year	(249)	(423)	(315)
Over provision in respect of prior years	220	247	120
	(29)	(176)	(195)
Deferred tax			
Credit/(charge) for the year arising from UK tax rate changes	94	—	(313)
Other (charges)/credits for the year	(94)	(259)	899
Reduction in the carrying value of deferred tax assets	—	(1,472)	(701)
Under/(over) provision in respect of prior years	6	(2)	124
Tax charge for the year	(23)	(1,909)	(186)

The actual tax charge differs from the expected tax charge computed by applying the standard rate of UK corporation tax of 20.25% (2014 - 21.50%; 2013 - 23.25%) as follows:

	2015	2014	2013
	£m	£m	£m
Expected tax credit/(charge)	547	(568)	2,057
Losses and temporary differences in year where no deferred tax asset recognised	(1,086)	(89)	(887)
Foreign profits taxed at other rates	510	76	(117)
UK tax rate change impact (1)	94	—	(313)
Non-deductible goodwill impairment	(124)	(28)	(247)
Items not allowed for tax			
- losses on disposals and write-downs	(23)	(12)	(20)
- UK bank levy	(50)	(54)	(47)
- regulatory and legal actions	(232)	(182)	(144)
- other disallowable items	(199)	(191)	(212)
Non-taxable items			
- gain on sale of Direct Line Insurance Group	—	41	—
- gain on sale of Global Merchant Services	—	—	37
- other non-taxable items	173	79	153
Taxable foreign exchange movements	19	21	(25)
Losses brought forward and utilised	122	225	36
(Reduction)/increase in carrying value of deferred tax asset in respect of:			
- UK losses	—	(850)	(701)
- US losses and temporary differences	—	(775)	—
- Ireland losses	—	153	—
Adjustments in respect of prior years (2)	226	245	244
Actual tax charge	(23)	(1,909)	(186)

Notes:

In recent years the UK Government has steadily reduced the rate of UK corporation tax, with the latest enacted rates standing at 20% with effect from 1 April 2015, 19% from 1 April 2017 and 18% from 1 April 2020. The Finance (No 2) Act 2015 restricts the rate at which tax losses are given credit in future periods to the main rate of (1) UK corporation tax rate, excluding the Banking Surcharge 8% rate introduced by this Act. Deferred tax assets and liabilities at 31 December 2015 take into account the reduced rates in respect of tax losses and non-banking temporary differences and where appropriate, the banking surcharge inclusive rate in respect of other banking temporary differences.

Prior year tax adjustments for 2015 include releases of tax provisions that reflect the reduction of exposures in countries where RBS is ceasing operations in line with the strategy to become a smaller, simpler UK focused bank. (2) The prior year tax adjustment also reflects adjustments to reflect submitted tax computations in the UK and overseas and a further prior year tax credit in respect of tax losses arising in the Belfast Branch of Ulster Bank Ireland Limited reflecting UK tax law changes and European Court of Justice decisions on the surrender of tax losses.

**Notes on the consolidated accounts****7 Earnings per ordinary share**

Earnings per ordinary share have been calculated based on the following:

	2015	2014	2013
	£m	£m	£m
Earnings			
Loss attributable to ordinary shareholders	(1,979)	(3,470)	(8,995)
(Profit)/loss from discontinued operations attributable to ordinary shareholders	(1,207)	3,527	(521)
(Loss)/profit from continuing operations attributable to ordinary shareholders	(3,186)	57	(9,516)
Weighted average number of shares (millions) (1)			
Weighted average number of ordinary shares outstanding during the year	11,516	11,356	11,196
Effect of dilutive share options and convertible securities	60	91	115
Diluted weighted average number of ordinary shares outstanding during the year	11,576	11,447	11,311

Note:

(1) All periods include the effect of 51 billion B shares that were converted to 5.1 billion ordinary shares in October 2015 (see Note 24).

Basic earnings/(loss) per ordinary share from discontinued operations was 10.5p (2014 - (31.1p); 2013 - 4.7p). Diluted earnings per ordinary share from discontinued operations was 10.4p (2014 - no dilutive impact; 2013 - 4.6p).

Prior to an agreement between RBS and HM Treasury (HMT) for the retirement of the Dividend Access Share (DAS) approved on 25 June 2014, the DAS was entitled to a dividend amounting to the greater of 7% of the aggregate issue price of B shares and 250% of the ordinary dividend rate multiplied by the number of B shares issued, less any dividends paid on the B shares and on ordinary shares issued on their conversion. When calculating earnings per share, IFRS requires profit or loss to be allocated to participating equity instruments as if all of the profit or loss for the period had been distributed.

Under the DAS retirement agreement, once RBS has paid a further £1,180 million of dividends on the DAS it will lose its preferential dividend rights and become a single B share. The dividends are payable at the discretion of the directors. Unpaid DAS dividends will be subject to an increase of 5% per annum from 1 January 2016 and an increase of 10% per annum from 1 January 2021.

Earnings per share for periods ended after 25 June 2014 reflect DAS dividends recognised before the end of a reporting period; this amounted to £320 million in respect of the year ended 31 December 2014. Dividends can be

paid on ordinary shares only once the retirement dividend, subject to increases as above, has been paid.

In October 2015, HMT converted its entire holding of 51 billion B shares into 5.1 billion new ordinary shares of £1 each. The conversion had no impact on earnings per share.

## Notes on the consolidated accounts

## 8 Financial instruments - classification

The following tables analyse financial assets and liabilities in accordance with the categories of financial instruments in IAS 39. Assets and liabilities outside the scope of IAS 39 are shown within other assets and other liabilities.

Assets	Held-for-trading £m	Designated as at fair value through profit or loss £m	Hedging derivatives £m	Available-for-sale £m	Loans and receivables £m	Held-to-maturity £m	Finance leases £m	Other assets £m	Total
									£m
Cash and balances at central banks	—	—	—	—	79,404	—	—	—	79,404
Loans and advances to banks									
- reverse repos	11,069	—	—	—	1,216	—	—	—	12,285
- other (1)	11,295	—	—	—	7,066	—	—	—	18,361
Loans and advances to customers									
- reverse repos	27,532	—	—	—	26	—	—	—	27,558
- other	17,559	63	—	—	285,006	—	3,706	—	306,334
Debt securities	35,857	111	—	38,831	2,387	4,911	—	—	82,097
Equity shares	660	147	—	554	—	—	—	—	1,361
Settlement balances	—	—	—	—	4,116	—	—	—	4,116
Derivatives	258,689	—	3,825	—	—	—	—	—	262,514
Assets of disposal groups	—	—	—	—	—	—	—	3,486	3,486
Other assets	—	—	—	—	—	—	—	17,892	17,892
31 December 2015	362,661	321	3,825	39,385	379,221	4,911	3,706	21,378	815,408
Cash and balances at central banks	—	—	—	—	74,872	—	—	—	74,872
Loans and advances to banks									
- reverse repos	18,129	—	—	—	2,579	—	—	—	20,708
- other (1)	11,773	—	—	—	11,254	—	—	—	23,027
Loans and advances to customers									
- reverse repos	43,018	—	—	—	969	—	—	—	43,987
- other	23,038	61	—	—	307,002	—	4,150	—	334,251
Debt securities	49,226	117	—	29,673	3,096	4,537	—	—	86,649
Equity shares	4,821	301	—	513	—	—	—	—	5,635



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Settlement balances	—	—	—	4,667				4,667
Derivatives	348,149		5,441					353,590
Assets of disposal groups							82,011	82,011
Other assets*	—	—	—	—	—	—	21,622	21,622
31 December 2014	498,154	479	5,441	30,186	404,439	4,537	4,150	103,633 1,051,019

\*Restated - refer to page 270 for further details.

Note:

(1) Includes items in the course of collection from other banks of £830 million (2014 - £980 million).

## Notes on the consolidated accounts

Liabilities	Designated as at fair value		Hedging derivatives cost	Amortised Other liabilities	Total
	Held-for-through trading	or loss			
	£m	£m	£m	£m	£m
Deposits by banks					
- repos	9,657	—		609	10,266
- other (1)	20,469	—		7,561	28,030
Customer accounts					
- repos	25,570	—		1,542	27,112
- other (2)	11,911	2,661		328,614	343,186
Debt securities in issue (3)	3,883	6,256		21,011	31,150
Settlement balances	—	—		3,390	3,390
Short positions	20,809	—			20,809
Derivatives	252,102		2,603		254,705
Subordinated liabilities	—	811		19,036	19,847
Liabilities of disposal groups					2,980
Other liabilities	—	—		1,826	17,960
31 December 2015	344,401	9,728	2,603	383,589	20,940
761,261					
Deposits by banks					
- repos	23,990	—		869	24,859
- other (1)	26,118	—		9,688	35,806
Customer accounts					
- repos	35,985	—		1,366	37,351
- other (2)	15,308	4,731		334,249	354,288
Debt securities in issue (3)	6,490	10,216		33,574	50,280
Settlement balances	—	—		4,503	4,503
Short positions	23,029	—			23,029
Derivatives	346,184		3,621		349,805
Subordinated liabilities	—	863		22,042	22,905
Liabilities of disposal groups					71,320
Other liabilities*	—	—		1,801	16,363
31 December 2014	477,104	15,810	3,621	408,092	87,683
992,310					

\*Restated - refer to page 270 for further details.

## Notes:

- (1) Includes items in the course of transmission to other banks of £338 million (2014 - £513 million).  
(2) The carrying amount of other customer accounts designated as at fair value through profit or loss is £297 million (2014 - £432 million) higher than the principal amount. No amounts have been recognised in profit or loss for

changes in credit risk associated with these liabilities as the changes are immaterial both during the period and cumulatively. Measured as the change in fair value from movements in the period in the credit risk premium payable.

- (3) Comprises bonds and medium term notes of £30,206 million (2014 - £48,476 million) and certificates of deposit and other commercial paper of £944 million (2014 - £1,804 million).

Amounts included in operating (loss)/profit before tax:

	2015	2014	2013
	£m	£m	£m
Gains/(losses) on financial assets/liabilities designated as at fair value through profit or loss	388	55	(113)
Losses on disposal or settlement of loans and receivables	(558)	(232)	(179)

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## Notes on the consolidated accounts

The tables below present information on financial assets and financial liabilities that are offset on the balance sheet under IFRS or subject to enforceable master netting agreement together with financial collateral received or given.

2015	Offsetable instruments			Offsetable potential not recognised by IFRS				Instruments outside netting arrangements	Balance sheet total
	Gross £m	IFRS offset £m	Balance sheet £m	Effect of master netting and similar agreements £m	Cash collateral £m	Other collateral £m	Net amount after the effect of netting arrangements and related collateral £m		
<b>Assets</b>									
Derivatives	380,467	(123,662)	256,805	(214,800)	(27,629)	(7,535)	6,841	5,709	262,514
Reverse repos	74,204	(34,361)	39,843	(2,500)	—	(37,218)	125	—	39,843
Loans to customers	2,955	(2,955)	—	—	—	—	—	306,334	306,334
Settlement balances	1,271	(1,225)	46	(26)	—	—	20	4,070	4,116
	458,897	(162,203)	296,694	(217,326)	(27,629)	(44,753)	6,986	316,113	612,807
<b>Liabilities</b>									
Derivatives	368,378	(118,366)	250,012	(214,800)	(25,729)	(8,213)	1,270	4,693	254,705
Repos	71,739	(34,361)	37,378	(2,500)	—	(34,878)	—	—	37,378
Customer accounts	8,251	(8,251)	—	—	—	—	—	343,186	343,186
Settlement balances	1,872	(1,225)	647	(26)	—	—	621	2,743	3,390
	450,240	(162,203)	288,037	(217,326)	(25,729)	(43,091)	1,891	350,622	638,659
<b>2014</b>									
<b>Assets</b>									
Derivatives	588,525	(245,418)	343,107	(295,315)	(33,272)	(7,014)	7,506	10,483	353,590
Reverse repos	95,393	(30,823)	64,570	(5,016)	—	(59,505)	49	125	64,695
Loans to customers	3,781	(3,781)	—	—	—	—	—	334,251	334,251
Settlement balances	2,094	(1,997)	97	—	—	—	97	4,570	4,667
	689,793	(282,019)	407,774	(300,331)	(33,272)	(66,519)	7,652	349,429	757,203
<b>Liabilities</b>									
Derivatives	583,363	(241,235)	342,128	(295,315)	(30,203)	(14,437)	2,173	7,677	349,805
Repos	91,888	(30,823)	61,065	(5,016)	—	(56,049)	—	1,145	62,210
	7,964	(7,964)	—	—	—	—	—	354,288	354,288

Customer accounts									
Settlement balances	1,998	(1,997)	1	—	—	—	1	4,502	4,503
	685,213	(282,019)	403,194	(300,331)	(30,203)	(70,486)	2,174	367,612	770,806

## Reclassification of financial instruments

There were no reclassifications in 2015. In 2008 and 2009, financial assets were reclassified from held-for-trading (HFT) into loans and receivables (LAR) and from HFT into AFS. The tables below show the carrying value, fair value and the effect on profit or loss of these reclassifications.

	Carrying value	Fair value	Income	Impairment losses	Amount that would have been recognised had reclassification not occurred	Reduction/ (increase) in profit or loss as a result of reclassification
	£m	£m	£m	£m	£m	£m
2015						
Reclassified from HFT to LAR	1,002	877	(19)	(15)	4	38
Reclassified from HFT to AFS (1)	206	206	14	—	8	(6)
	1,208	1,083	(5)	(15)	12	32
2014						
Reclassified from HFT to LAR	1,506	1,348	11	(76)	193	258
Reclassified from HFT to AFS (1)	251	251	29	—	27	(2)
	1,757	1,599	40	(76)	220	256

## Note:

(1) A loss of £3 million (2014 - gain of £12 million) was taken to AFS reserves.

In 2014, UK Government bonds with a fair value of £3.6 billion were reclassified from available-for-sale (AFS) to held-to-maturity (HTM).

## Notes on the consolidated accounts

### 9 Financial instruments - valuation

#### Valuation of financial instruments carried at fair value

##### Control environment

RBS's control environment for the determination of the fair value of financial instruments includes formalised protocols for the review and validation of fair values independent of the businesses entering into the transactions. There are specific controls to ensure consistent pricing policies and procedures, incorporating disciplined price verification. RBS ensures that appropriate attention is given to bespoke transactions, structured products, illiquid products and other instruments which are difficult to price.

##### Independent price verification (IPV)

IPV is a key element of the control environment. Valuations are first performed by the business which entered into the transaction. Such valuations may be directly from available prices, or may be derived using a model and variable model inputs. These valuations are reviewed, and if necessary amended, by a team independent of those trading the financial instruments, in the light of available pricing evidence.

IPV differences are classified according to the quality of independent market observables into IPV quality bands linked to the fair value hierarchy principles, as laid out in IFRS 13 'Fair Value Measurement'. These differences are classified into fair value levels 1, 2 and 3 (with the valuation uncertainty risk increasing as the levels rise from 1 to 3) and then further classified into high, medium, low and indicative depending on the quality of the independent data available to validate the prices. Valuations are revised if they are outside agreed thresholds.

##### Governance framework

IPV takes place at least each month end date, for exposures in the regulatory trading book and at least quarterly for exposures in the regulatory banking book. The IPV control includes formalised reporting and escalation of any valuation differences in breach of established thresholds. The Pricing Unit determines IPV policy, monitors adherence to that policy and performs additional independent reviews of highly subjective valuation issues.

The Modelled Product Review Committee sets the policy for model documentation, testing and review, and prioritises models with significant exposure for review by the RBS Pricing Model Risk team. The CIB and RCR Valuation Committees are made up of valuation specialists and senior business representatives from various functions and oversee pricing, reserving and valuations issues. These committees meet monthly to review and ratify any methodology changes. The Executive Valuation Committee meets quarterly to address key material and subjective

valuation issues, to review items escalated by the CIB and RCR Valuation Committees and to discuss other relevant matters including prudential valuation.

#### Valuation hierarchy

Initial classification of a financial instrument is carried out by the Product Control team following the principles in IFRS 13. They base their judgment on information gathered during the IPV process for instruments which include the sourcing of independent prices and model inputs. The quality and completeness of the information gathered in the IPV process gives an indication as to the liquidity and valuation uncertainty of an instrument.

These initial classifications are reviewed and challenged by the Pricing Unit and are also subject to senior management review. Particular attention is paid to instruments crossing from one level to another, new instrument classes or products, instruments that are generating significant profit and loss and instruments where valuation uncertainty is high.

#### Valuation techniques

RBS derives fair value of its instruments differently depending on whether the instrument is a non-modelled or a modelled product.

#### Non-modelled products

Non-modelled products are valued directly from a price input typically on a position by position basis and include cash, equities and most debt securities.

#### Modelled products

Modelled products valued using a pricing model range in complexity from comparatively vanilla products such as interest rate swaps and options (e.g. interest rate caps and floors) through to more complex derivatives. The valuation of modelled products requires an appropriate model and inputs into this model. Sometimes models are also used to derive inputs (e.g. to construct volatility surfaces). RBS uses a number of modelling methodologies.

#### Inputs to valuation models

Values between and beyond available data points are obtained by interpolation and extrapolation. When utilising valuation techniques, the fair value can be significantly affected by the choice of valuation model and by underlying assumptions concerning factors such as the amounts and timing of cash flows, discount rates and credit risk. The principal inputs to these valuation techniques are as follows:

Bond prices - quoted prices are generally available for government bonds, certain corporate securities and some mortgage-related products.

Credit spreads - where available, these are derived from prices of credit default swaps or other credit based instruments, such as debt securities. For others, credit spreads are obtained from pricing services.

Interest rates - these are principally benchmark interest rates such as the London Interbank Offered Rate (LIBOR), Overnight Index Swaps (OIS) rate and other quoted interest rates in the swap, bond and futures markets.

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## Notes on the consolidated accounts

Foreign currency exchange rates - there are observable prices both for spot and forward contracts and futures in the world's major currencies.

Equity and equity index prices - quoted prices are generally readily available for equity shares listed on the world's major stock exchanges and for major indices on such shares.

Commodity prices - many commodities are actively traded in spot and forward contracts and futures on exchanges in London, New York and other commercial centres.

Price volatilities and correlations - volatility is a measure of the tendency of a price to change with time. Correlation measures the degree which two or more prices or other variables are observed to move together.

Prepayment rates - the fair value of a financial instrument that can be prepaid by the issuer or borrower differs from that of an instrument that cannot be prepaid. In valuing prepayable instruments that are not quoted in active markets, RBS considers the value of the prepayment option.

Counterparty credit spreads - adjustments are made to market prices (or parameters) when the creditworthiness of the counterparty differs from that of the assumed counterparty in the market price (or parameters).

Recovery rates/loss given default - these are used as an input to valuation models and reserves for asset-backed securities and other credit products as an indicator of severity of losses on default. Recovery rates are primarily sourced from market data providers or inferred from observable credit spreads.

### Consensus pricing

RBS uses consensus prices for the IPV of some instruments. The consensus service encompasses the equity, interest rate, currency, commodity, credit, property, fund and bond markets, providing comprehensive matrices of vanilla prices and a wide selection of exotic products. CIB and RCR contribute to consensus pricing services where there is a significant interest either from a positional point of view or to test models for future business use. Data sourced from consensus pricing services are used for a combination of control processes including direct price testing, evidence of observability and model testing. In practice this means that RBS submits prices for all material positions for which a service is available. Data from consensus services are subject to the same level of quality review as other inputs used for IPV process.

In order to determine a reliable fair value, where appropriate, management applies valuation adjustments to the pricing information gathered from the above sources. The sources of independent data are reviewed for quality and are

applied in the IPV processes using a formalised input quality hierarchy. These adjustments reflect RBS's assessment of factors that market participants would consider in setting a price.

Furthermore, on an ongoing basis, RBS assesses the appropriateness of any model used. To the extent that the price determined by internal models does not represent the fair value of the instrument, for instance in highly stressed market conditions, RBS makes adjustments to the model valuation to calibrate to other available pricing sources.

Where unobservable inputs are used, RBS may determine a range of possible valuations derived from differing stress scenarios to determine the sensitivity associated with the valuation. When establishing the fair value of a financial instrument using a valuation technique, RBS considers adjustments to the modelled price which market participants would make when pricing that instrument. Such adjustments include the credit quality of the counterparty and adjustments to compensate for model limitations.

### **Valuation reserves**

When valuing financial instruments in the trading book, adjustments are made to mid-market valuations to cover bid-offer spread, liquidity and credit risk. A breakdown of valuation adjustments is provided in Capital and risk management: Credit derivatives on page 239.

#### **Credit valuation adjustments (CVA)**

CVA represent an estimate of the adjustment to fair value that a market participant would make to incorporate the counterparty credit risk inherent in derivative exposures. CVA is actively managed by a credit and market risk hedging process, and therefore movements in CVA are partially offset by trading revenue on the hedges.

The CVA is calculated on a portfolio basis reflecting an estimate of the amount a third party would charge to assume the credit risk.

Where a positive exposure exists to a counterparty that is considered to be close to default, the CVA is calculated by applying expected losses to the current level of exposure. Otherwise, expected losses are applied to estimated potential future positive exposures which are modelled to reflect the volatility of the market factors which drive the exposures and the correlation between those factors.

Expected losses are determined from market implied probabilities of default and internally assessed recovery levels. The probability of default is calculated with reference to observable credit spreads and observable recovery levels. For counterparties where observable data do not exist, the probability of default is determined from the credit spreads and recovery levels of similarly rated entities.

Collateral held under a credit support agreement is factored into the CVA calculation. In such cases where RBS holds collateral against counterparty exposures, CVA is held to the extent that residual risk remains.

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## Notes on the consolidated accounts

### Bid-offer, liquidity and other reserves

Fair value positions are adjusted to bid (long positions) or offer (short positions) levels, by marking individual cash positions directly to bid or offer or by taking bid-offer reserves calculated on a portfolio basis for derivatives exposures. The bid-offer approach is based on current market spreads and standard market bucketing of risk.

Bid-offer adjustments for each risk factor (including delta (the degree to which the price of an instrument changes in response to a change in the price of the underlying), vega (the degree to which the price of an instrument changes in response to the volatility in the price of the underlying), correlation (the degree to which prices of different instruments move together)) are determined by aggregating similar risk exposures arising on different products. Additional basis bid-offer reserves are taken where these are charged in the market.

Bid-offer spreads vary by maturity and risk type to reflect different spreads in the market. For positions where there is no observable quote, the bid-offer spreads are widened in comparison to proxies to reflect reduced liquidity or observability. Bid-offer methodologies may also incorporate liquidity triggers whereby wider spreads are applied to risks above pre-defined thresholds.

As permitted by IFRS 13, netting is applied on a portfolio basis to reflect the value at which RBS believes it could exit the portfolio, rather than the sum of exit costs for each of the portfolio's individual trades. This is applied where the asset and liability positions are managed as a portfolio for risk and reporting purposes.

Vanilla risk on exotic products is typically reserved as part of the overall portfolio based calculation e.g. delta and vega risk on exotic products are included within the delta and vega bid-offer calculations.

Product related risks such as correlation risk, attract specific bid-offer reserves. Additional reserves are provided for exotic products to ensure overall reserves match market close-out costs. These market close-out costs inherently incorporate risk decay and cross-effects (taking into account how changes in one risk factor may affect other inputs rather than treating all risk factors independently) that are unlikely to be adequately reflected in a static hedge based on vanilla instruments. Where there is limited bid-offer information for a product, the pricing approach and risk management strategy are taken into account when assessing the reserve.

The discount rates applied to derivative cash flows in determining fair value reflect any underlying collateral agreements. Collateralised derivatives are generally discounted at the relevant OIS rates at an individual trade level.

Uncollateralised derivatives are discounted with reference to funding levels by applying a funding spread over benchmark interest rates on a portfolio basis (funding valuation adjustment).

#### Funding valuation adjustment (FVA)

FVA represent an estimate of the adjustment to fair value that a market participant would make to incorporate funding costs and benefits that arise in relation to uncollateralised derivative exposures.

Funding levels are applied to estimated potential future exposures, the modelling of which is consistent with the approach used in the calculation of CVA. The counterparty contingent nature of the exposures is reflected in the calculation.

#### Amounts deferred on initial recognition

On initial recognition of financial assets and liabilities valued using valuation techniques incorporating information other than observable market data, any difference between the transaction price and that derived from the valuation technique is deferred. Such amounts are recognised in profit or loss over the life of the transaction; when market data becomes observable; or when the transaction matures or is closed out as appropriate. At 31 December 2015, net gains of £81 million (2014 - £119 million) were carried forward. During the year, net gains of £16 million (2014 - £53 million) were deferred and £53 million (2014 - £139 million) were recognised in the income statement.

#### Own credit

RBS takes into account the effect of its own credit standing when valuing financial liabilities recorded at fair value in accordance with IFRS. Own credit spread adjustments are made when valuing issued debt held at fair value, including issued structured notes, and derivatives. An own credit adjustment is applied to positions where it is believed that counterparties would consider RBS's creditworthiness when pricing trades.

For issued debt this adjustment is based on debt issuance spreads above average inter-bank rates (at a range of tenors). Secondary senior debt issuance spreads are used in the calculation of the own credit adjustment applied to senior debt.

The fair value of RBS's derivative financial liabilities is also adjusted to reflect RBS's own credit risk through debit valuation adjustments (DVA). Expected gains are applied to estimated potential future negative exposures, the modelling of which is consistent with the approach used in the calculation of CVA. Expected gains are determined from market implied probabilities of default and recovery levels. FVA is considered the primary adjustment applied to derivative liabilities. The extent to which DVA and FVA overlap is eliminated from DVA.

The own credit adjustment does not alter cash flows, is not used for performance management, is disregarded for regulatory capital reporting processes and will reverse over time as the liabilities mature.

The reserve movement between periods will not equate to the reported profit or loss for own credit. The balance sheet reserves are stated by conversion of underlying currency balances at spot rates for each period whereas the income statement includes intra-period foreign exchange sell-offs.

The effect of change in credit spreads could reverse in future periods provided the liability is not repaid at a premium or a discount.

**Notes on the consolidated accounts**

The cumulative own credit adjustment (OCA) recorded on held-for-trading (HFT) and designated as at fair value through profit or loss (DFV) debt securities in issue, subordinated liabilities and derivative liabilities are set out below.

Cumulative own credit adjustment (1)	Debt Securities in issue (2)			Subordinated		Derivatives		Total
	HFT	DFV	Total	liabilities	DFV	Total	Total	
	£m	£m	£m	£m		£m	£m	£m
2015	(118)	(42)	(160)	180		20	14	34
2014	(397)	(123)	(520)	221		(299)	12	(287)
Carrying values of underlying liabilities	£bn	£bn	£bn	£bn		£bn		
2015	3.9	6.3	10.2	0.8		11.0		
2014	6.5	10.4	16.9	0.9		17.8		

Notes:

(1) Includes wholesale and retail note issuances.

The reserve movement between periods will not equate to the reported profit or loss for own credit. The balance sheet reserve is stated by conversion of underlying currency balances at spot rates for each period, whereas the income statement includes intra-period foreign exchange sell-offs.

#### Financial instruments carried at fair value - valuation hierarchy

The following tables show financial instruments carried at fair value on the Group's balance sheet by valuation hierarchy – level 1, level 2 and level 3 and related level 3 sensitivities.

2015	Level 1	Level 2	Level 3	Total	Level 3 sensitivity (5)	
					Favourable (£m)	Unfavourable (£m)
	£bn	£bn	£bn	£bn		
Assets						
Loans and advances	—	67.2	0.3	67.5	50	(40)
Debt securities	60.3	13.5	1.0	74.8	40	(30)

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- of which AFS	32.3	6.2	0.3	38.8	10	(10)
Equity shares	0.6	0.1	0.7	1.4	90	(50)
- of which AFS	—	0.1	0.5	0.6	60	(30)
Derivatives	—	260.6	1.9	262.5	380	(380)
	60.9	341.4	3.9	406.2	560	(500)

Proportion	15.0%	84.0%	1.0%	100.0%
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Liabilities

Deposits	—	69.8	0.5	70.3	10	(20)
Debt securities in issue	—	9.6	0.5	10.1	30	—
Short positions	18.6	2.2	—	20.8	—	—
Derivatives	—	253.0	1.7	254.7	270	(270)
Subordinated liabilities	—	0.8	—	0.8	—	—
	18.6	335.4	2.7	356.7	310	(290)

Proportion	5.2%	94.0%	0.8%	100.0%
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For the notes to this table refer to the following page.  
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## Notes on the consolidated accounts

2014	Level 1 Level 2 Level 3 Total				Level 3 sensitivity (5)	
	£bn	£bn	£bn	£bn	Favourable (£m)	Unfavourable (£m)
<b>Assets</b>						
Loans and advances	—	95.4	0.6	96.0	30	(30)
Debt securities	55.5	22.3	1.2	79.0	50	(40)
- of which AFS	19.5	9.8	0.4	29.7	20	(10)
Equity shares	4.6	0.5	0.5	5.6	90	(80)
- of which AFS	—	0.2	0.3	0.5	60	(30)
Derivatives	—	350.7	3.0	353.7	290	(290)
	60.1	468.9	5.3	534.3	460	(440)
Proportion	11.2%	87.8%	1.0%	100.0%	—	—
<b>Liabilities</b>						
Deposits	—	105.9	0.2	106.1	—	(10)
Debt securities in issue	—	15.5	1.2	16.7	40	(40)
Short positions	19.9	3.1	—	23.0	—	—
Derivatives	0.1	346.5	3.2	349.8	220	(240)
Subordinated liabilities	—	0.9	—	0.9	—	—
	20.0	471.9	4.6	496.5	260	(290)
Proportion	4.1%	95.0%	0.9%	100.0%	—	—

## Notes:

Level 1: valued using unadjusted quoted prices in active markets, for identical financial instruments. Examples (1) include G10 government securities, listed equity shares, certain exchange-traded derivatives and certain US agency securities.

Level 2: valued using techniques based significantly on observable market data. Instruments in this category are valued using:

- (a) quoted prices for similar instruments or identical instruments in markets which are not considered to be active; or
- (b) valuation techniques where all the inputs that have a significant effect on the valuations are directly or indirectly based on observable market data.

Level 2 instruments included non-G10 government securities, most government agency securities, investment-grade corporate bonds, certain mortgage products, including CLOs, most bank loans, repos and reverse repos, less liquid listed equities, state and municipal obligations, most notes issued, and certain money market securities and loan commitments and most OTC derivatives.

Level 3: instruments in this category have been valued using a valuation technique where at least one input which could have a significant effect on the instrument's valuation, is not based on observable market data. Level 3 instruments primarily include cash instruments which trade infrequently, certain syndicated and commercial mortgage loans, certain emerging markets instruments, unlisted equity shares, certain residual interests in securitisations, CDOs, other mortgage-backed products and less liquid debt securities, certain structured debt securities in issue, and OTC derivatives where valuation depends upon unobservable inputs such as certain credit and exotic derivatives. No gain or loss is recognised on the initial recognition of a financial instrument valued using a technique incorporating significant unobservable data.

- (2) Transfers between levels are deemed to have occurred at the beginning of the quarter in which the instruments were transferred. There were no significant transfers between level 1 and level 2.
- (3) For an analysis of derivatives by type of contract refer to Capital and risk management - Balance sheet analysis - derivatives.
- (4) The determination of an instrument's level cannot be made at a global product level as a single product type can be in more than one level. For example, a single name corporate credit default swap could be in Level 2 or Level 3 depending on whether the reference counterparty's obligations are liquid or illiquid. Sensitivity represents the favourable and unfavourable effect on the income statement or the statement of comprehensive income due to reasonably possible changes to valuations using reasonably possible alternative inputs in RBS's valuation techniques or models. Level 3 sensitivities are calculated at a sub-portfolio level and hence these aggregated figures do not reflect the correlation between some of the sensitivities. In particular, for some portfolios, the sensitivities may be negatively correlated where a downward movement in one asset would produce an upward movement in another, but due to the additive presentation above, this correlation cannot be shown.
- (5)

**Notes on the consolidated accounts**

## Valuation techniques

The table below shows a breakdown of valuation techniques and the ranges for those unobservable inputs used in valuation models and techniques that have a material impact on the valuation of Level 3 financial instruments. The table excludes unobservable inputs where the impact on valuation is less significant. Movements in the underlying input may have a favourable or unfavourable impact on the valuation depending on the particular terms of the contract and the exposure. For example an increase in the credit spread of a bond would be favourable for the issuer and unfavourable for the note holder. Whilst RBS indicates where it considers that there are significant relationships between the inputs, these inter-relationships will be affected by macro economic factors including interest rates, foreign exchange rates or equity index levels.

Financial instruments	Level 3 (£bn)		Valuation technique	Unobservable inputs	Range	
	Assets	Liabilities			Low	High
Loans and advances	0.3					
			DCF based on recoveries	Credit spreads (1)	869bps	7852bps
				Price (2)	0%	101%
Customer accounts	0.5					
			DCF based on recoveries	Credit spreads (1)	0bps	25bps
Debt securities	1.0					
			Price	Price (2)	0%	117%
Equity shares	0.7					
			Fund valuation statement	Valuation (4)	92%	108%
			DCF based on recoveries	Recovery rates (3)	0%	30%
			Price	Price (2)	0	883pence
Derivatives	1.9	1.7				
Credit	0.2	0.2	DCF based on recoveries	Recovery rates (3)	0%	40%
				Credit spreads (1)	12bps	384bps
Interest and foreign exchange contracts	1.7	1.5	Option pricing model	Correlation (5)	0%	99%
				Volatility (6)	16%	99%

Notes:

Credit spreads and discount margins: credit spreads and margins express the return required over a benchmark rate or index to compensate for the credit risk associated with a cash instrument. A higher credit spread would indicate (1) that the underlying instrument has more credit risk associated with it. Consequently, investors require a higher yield to compensate for the higher risk. The discount rate comprises credit spread or margin plus the benchmark rate; it is used to value future cash flows.

Price and yield: There may be a range of prices used to value an instrument that may be a direct comparison of one instrument or portfolio with another or, movements in a more liquid instrument may be used to indicate the (2) movement in the value of a less liquid instrument. The comparison may also be indirect in that adjustments are made to the price to reflect differences between the pricing source and the instrument being valued, for example different maturity, credit quality, seniority or expected pay-outs. Similarly to price, an instrument's yield may be compared with other instruments' yields either directly or indirectly.

(3) Recovery rate: reflects market expectations about the return of principal for a debt instrument or other obligations after a credit event or on liquidation. Recovery rates tend to move conversely to credit spreads.

(4) Valuation: for private equity investments, risk may be measured by beta, estimated by looking at past prices of similar stocks and from valuation statements where valuations are usually derived from earnings measures such as EBITDA.

(5) Correlation: measures the degree by which two prices or other variables are observed to move together. If they move in the same direction there is positive correlation; if they move in opposite directions there is negative correlation. Correlations typically include relationships between: default probabilities of assets in a basket (a group of separate assets), exchange rates, interest rates and other financial variables.

(6) Volatility: a measure of the tendency of a price to change with time.

(7) Level 3 structured notes issued of £0.5 billion are not included in the table above as valuation is consistent with the valuation of the embedded derivative component.

(8) RBS does not have any material liabilities measured at fair value that are issued with an inseparable third party credit enhancement.

(9) The table above excludes unobservable inputs where the impact on valuation is less significant. Movements in the underlying input may have a favourable or unfavourable impact on the valuation depending on the particular terms of the contract and the exposure. For example, an increase in the credit spread of a bond would be favourable for the issuer but unfavourable for the note holder. Whilst RBS indicates where it considers that there are significant relationships between the inputs, there inter-relationships will be affected by macro economic factors including interest rates, foreign exchange rates or equity index levels.

## Notes on the consolidated accounts

The Level 3 sensitivities on the previous page are calculated at a trade or low level portfolio basis. They are not calculated on an overall portfolio basis and therefore do not reflect the likely potential uncertainty on the portfolio as a whole. The figures are aggregated and do not reflect the correlated nature of some of the sensitivities. In particular, for some of the portfolios the sensitivities may be negatively correlated where a downwards movement in one asset would produce an upwards movement in another, but due to the additive presentation of the above figures this correlation cannot be displayed. The actual potential downside sensitivity of the total portfolio may be less than the non-correlated sum of the additive figures as shown in the above table.

## Judgmental issues

The diverse range of products traded by RBS results in a wide range of instruments that are classified into Level 3 of the hierarchy. Whilst the majority of these instruments naturally fall into a particular level, for some products an element of judgment is required. The majority of RBS's financial instruments carried at fair value are classified as Level 2: inputs are observable either directly (i.e. as a price) or indirectly (i.e. derived from prices).

### Active and inactive markets

A key input in the decision making process for the allocation of assets to a particular level is liquidity. In general, the degree of valuation uncertainty depends on the degree of liquidity of an input.

Where markets are liquid or very liquid, little judgment is required. However, when the information regarding the liquidity in a particular market is not clear, a judgment may need to be made. This can be more difficult as assessing the liquidity of a market is not always straightforward. For an equity traded on an exchange, daily volumes of trading can be seen, but for an over-the-counter (OTC) derivative assessing the liquidity of the market with no central exchange is more difficult.

A key related issue is where a market moves from liquid to illiquid or vice versa. Where this change is considered to be temporary, the classification is not changed. For example, if there is little market trading in a product on a reporting date but at the previous reporting date and during the intervening period the market has been considered to be liquid, the instrument will continue to be classified in the same level in the hierarchy. This is to provide consistency so that transfers between levels are driven by genuine changes in market liquidity and do not reflect short term or seasonal effects.

The breadth and depth of the IPV data allows for a rules based quality assessment to be made of market activity, liquidity and pricing uncertainty, which assists with the process of allocation to an appropriate level. Where suitable

independent pricing information is not readily available, the quality assessment will result in the instrument being assessed as Level 3.

#### Modelled products

For modelled products the market convention is to quote these trades through the model inputs or parameters as opposed to a cash price equivalent. A mark-to-market is derived from the use of the independent market inputs calculated using RBS's model.

The decision to classify a modelled instrument as Level 2 or 3 will be dependent upon the product/model combination, the currency, the maturity, the observability and quality of input parameters and other factors. All these must be assessed to classify the asset.

If an input fails the observability or quality tests then the instrument is considered to be in Level 3 unless the input can be shown to have an insignificant effect on the overall valuation of the product.

The majority of derivative instruments for example vanilla interest rate swaps, foreign exchange swaps and liquid single name credit derivatives are classified as Level 2 as they are vanilla products valued using observable inputs. The valuation uncertainty on these is considered to be low and both input and output testing may be available.

#### Non-modelled products

Non-modelled products are generally quoted on a price basis and can therefore be considered for each of the three levels. This is determined by the market activity, liquidity and valuation uncertainty of the instruments which is in turn measured from the availability of independent data used by the IPV process to allocate positions to IPV quality levels.

The availability and quality of independent pricing information are considered during the classification process. An assessment is made regarding the quality of the independent information. For example, where consensus prices are used for non-modelled products, a key assessment of the quality of a price is the depth of the number of prices used to provide the consensus price. If the depth of contributors falls below a set hurdle rate, the instrument is considered to be Level 3. This hurdle rate is that used in the IPV process to determine the IPV quality rating. However, where an instrument is generally considered to be illiquid, but regular quotes from market participants exist, these instruments may be classified as Level 2 depending on frequency of quotes, other available pricing and whether the quotes are used as part of the IPV process or not.

For some instruments with a wide number of available price sources, there may be differing quality of available information and there may be a wide range of prices from different sources. In these situations the highest quality source is used to determine the classification of the asset. For example, a tradable quote would be considered a better source than a consensus price.

## Notes on the consolidated accounts

### Level 3 portfolios and sensitively methodologies

Reasonably possible alternative assumptions of unobservable inputs are determined based on a 90% confidence interval. The assessments recognise different favourable and unfavourable valuation movements where appropriate. Each unobservable input within a product is considered separately and sensitivity is reported on an additive basis.

Alternative assumptions are determined with reference to all available evidence including consideration of the following: quality of independent pricing information taking into account consistency between different sources, variation over time, perceived tradability or otherwise of available quotes; consensus service dispersion ranges; volume of trading activity and market bias (e.g. one-way inventory); day 1 profit or loss arising on new trades; number and nature of market participants; market conditions; modelling consistency in the market; size and nature of risk; length of holding of position; and market intelligence.

### Other considerations

#### *Valuation adjustments*

CVA applied to derivative exposures and own credit adjustments applied to derivative liabilities are calculated on a portfolio basis. Whilst the methodology used to calculate each of these adjustments references certain inputs which are not based on observable market data, the uncertainty of the inputs is not considered to have a significant effect on the net valuation of the related portfolios. The classification of the derivative portfolios which the valuation adjustments are applied to is not determined by the observability of the valuation adjustments, and any related sensitivity does not form part of the Level 3 sensitivities presented.

#### *Funding related adjustments*

The discount rates applied to derivative cash flows in determining fair value reflect any underlying collateral agreements. Collateralised derivative exposures are generally discounted at the relevant OIS rates whilst funding valuation adjustments are applied to uncollateralised derivative exposures. Whilst these adjustments reference certain inputs which are not based on observable market data, the uncertainty of the inputs is not considered to have a significant effect on the valuation of the individual trades. The classification of derivatives is not determined by the observability of these adjustments, and any related sensitivity does not form part of the Level 3 sensitivities presented.

#### *Own credit - issued debt*

For issued debt the own credit adjustment is based on debt issuance spreads above average inter-bank rates at the reporting date (at a range of tenors). Whilst certain debt issuance spreads are not based on observable market data, the



uncertainty of the inputs is not considered to have a significant effect on the valuation of individual trades. Neither the classification of issued debt nor any related valuation sensitivities are determined by the observability of the debt issuance spreads.

## Movement in level 3

	2015				2014			
	FVTPL assets £m	(2) AFS assets £m	Total assets £m	Total liabilities £m	FVTPL assets £m	(2) AFS assets £m	Total assets £m	Total liabilities £m
At 1 January	4,673	634	5,307	4,595	5,167	1,594	6,761	4,631
Amount recorded in the income statement (1)	(973)	(3)	(976)	(1,169)	107	(1)	106	1
Amount recorded in the statement of comprehensive income	—	198	198	—	—	(45)	(45)	—
Level 3 transfers in	1,722	150	1,872	1,532	1,142	6	1,148	1,770
Level 3 transfers out	(657)	(35)	(692)	(731)	(967)	(158)	(1,125)	(690)
Issuances	1	—	1	36	—	—	—	109
Purchases	557	7	564	40	861	8	869	59
Settlements	(868)	(117)	(985)	(1,573)	(998)	(367)	(1,365)	(1,253)
Sales	(1,312)	(69)	(1,381)	(15)	(622)	(428)	(1,050)	(51)
Foreign exchange and other adjustments	9	—	9	1	(17)	25	8	19
At 31 December	3,152	765	3,917	2,716	4,673	634	5,307	4,595
Amounts recorded in the income statement in respect of balances held at year end								
- unrealised	(154)	(1)	(155)	(472)	151	(4)	147	(171)
- realised	(43)	12	(31)	(4)	(83)	3	(80)	105

## Notes:

(1) There were no net losses on HFT instruments (2014 - £100 million) recorded in income from trading activities in continuing operations. Net gains on other instruments of £193 million (2014 - £205 million) were recorded in other operating income and interest income as appropriate in continuing operations. There were no losses in discontinued operations.

(2) Fair value through profit or loss comprises held-for-trading predominantly and designated at fair value through profit and loss.

**Notes on the consolidated accounts****Fair value of financial instruments not carried at fair value**

The following table shows the carrying value and fair value of financial instruments carried at amortised cost on the balance sheet.

	Items where fair value approximates carrying value		Fair value of hierarchy level			
	£bn	£bn	£bn	Level 1 £bn	Level 2 £bn	Level 3 £bn
2015						
Financial assets						
Cash and balances at central banks	79.4					
Loans and advances to banks	0.8	7.5	7.5	—	3.6	3.9
Loans and advances to customers						
UK PBB						
- mortgages		104.5	105.3	—	—	105.3
- other		15.3	14.9	—	—	14.9
Ulster Bank RoI						
- mortgages		12.7	11.0	—	—	11.0
- other		4.0	3.9	—	—	3.9
Commercial Banking						
- commercial real estate		16.3	16.0	—	—	16.0
- other		75.0	71.3	—	0.1	71.2
Private Banking		11.2	11.2	—	—	11.2
RBS International		7.2	7.0	—	—	7.0
CIB		6.6	6.6	—	0.2	6.4
Capital Resolution		15.7	14.6	—	0.9	13.7
Williams & Glyn		20.0	19.9	—	—	19.9
Central items & other		0.2	0.2	—	0.1	0.1
Total loans and advances to customers		288.7	281.9	—	1.3	280.6
Of which:						
Performing		281.8	275.2	—	1.3	273.9
Non-performing		6.9	6.7	—	—	6.7
Debt securities		7.3	7.2	5.0	1.0	1.2
Settlement balances	4.1					
Financial liabilities						
Deposits by banks	4.5	3.7	3.7	—	0.9	2.8
Customer accounts	253.2	76.9	76.9	—	31.2	45.7
Debt securities in issue		21.0	21.8	—	19.5	2.3
Settlement balances	3.4					
Notes in circulation (1)	1.9					

Subordinated liabilities	19.0	19.3	—	19.2	0.1
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Note:

(1)Included in Provisions, accruals and other liabilities.

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## Notes on the consolidated accounts

	Items where fair value approximates carrying value			Fair value of hierarchy level		
	value £bn	Carrying value £bn	Fair value £bn	Level 1 £bn	Level 2 £bn	Level 3 £bn
2014*						
Financial assets						
Cash and balances at central banks	74.9					
Loans and advances to banks	1.0	12.8	12.8	—	6.6	6.2
Loans and advances to customers						
UK PBB						
- mortgages		95.3	94.9	—	—	94.9
- other		16.3	16.0	—	—	16.0
Ulster Bank RoI						
- mortgages		13.9	11.7	—	—	11.7
- other		4.2	4.1	—	—	4.1
Commercial Banking						
- commercial real estate		17.5	16.5	—	—	16.5
- other		67.4	65.0	—	—	65.0
Private Banking		11.0	11.0	—	—	11.0
RBS International		7.0	7.0	—	—	7.0
CIB		10.8	10.6	—	0.5	10.1
Capital Resolution		45.1	43.4	—	0.4	43.0
Williams & Glyn		19.5	19.2	—	—	19.2
Central items & other		4.1	4.1	—	1.1	3.0
Total loans and advances to customers		312.1	303.5	—	2.0	301.5
Of which:						
Performing		300.5	292.5	—	2.0	290.5
Non-performing		11.6	11.0	—	—	11.0
Debt securities		7.6	7.5	4.7	1.9	0.9
Settlement balances	4.7					
Financial liabilities						
Deposits by banks	4.2	6.4	6.4	—	1.4	5.0
Customer accounts	234.9	100.7	100.7	—	54.8	45.9
Debt securities in issue		33.6	35.0	—	32.0	3.0
Settlement balances	4.5					
Notes in circulation (1)	1.8					
Subordinated liabilities		22.0	22.5	—	22.4	0.1

Note:

(1) Included in Provisions, accruals and other liabilities.

\*Re-presented to reflect the segmental reorganisation

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## Notes on the consolidated accounts

The fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Quoted market values are used where available; otherwise, fair values have been estimated based on discounted expected future cash flows and other valuation techniques. These techniques involve uncertainties and require assumptions and judgments covering prepayments, credit risk and discount rates. Furthermore there is a wide range of potential valuation techniques. Changes in these assumptions would significantly affect estimated fair values. The fair values reported would not necessarily be realised in an immediate sale or settlement.

The assumptions and methodologies underlying the calculation of fair values of financial instruments at the balance sheet date are as follows:

### Short-term financial instruments

For certain short-term financial instruments: cash and balances at central banks, items in the course of collection from other banks, settlement balances, items in the course of transmission to other banks, customer demand deposits and notes in circulation, carrying value is a reasonable approximation of fair value.

### Loans and advances to banks and customers

In estimating the fair value of loans and advances to banks and customers measured at amortised cost, RBS's loans are segregated into appropriate portfolios reflecting the characteristics of the constituent loans. Two principal methods are used to estimate fair value:

Contractual cash flows are discounted using a market discount rate that incorporates the current spread for the (a) borrower or where this is not observable, the spread for borrowers of a similar credit standing. This method is used for portfolios where counterparties have external ratings: institutional and corporate lending in CIB.

Expected cash flows (unadjusted for credit losses) are discounted at the current offer rate for the same or similar (b) products. This approach is adopted for lending portfolios in UK PBB, Ulster Bank RoI Commercial Banking (SME loans) and Private Banking in order to reflect the homogeneous nature of these portfolios.

For certain portfolios where there are very few or no recent transactions, such as Ulster Bank RoI's portfolio of lifetime tracker mortgages, a bespoke approach is used based on available market data.

## Debt securities

The majority of debt securities are valued using quoted prices in active markets, or using quoted prices for similar assets in active markets. Fair values of the rest are determined using discounted cash flow valuation techniques.

## Deposits by banks and customer accounts

Fair values of deposits are estimated using discounted cash flow valuation techniques.

## Debt securities in issue and subordinated liabilities

Fair values are determined using quoted prices for similar liabilities where available or by reference to valuation techniques, adjusting for own credit spreads where appropriate.

**10 Financial instruments - maturity analysis****Remaining maturity**

The following table shows the residual maturity of financial instruments, based on contractual date of maturity.

	2015			2014		
	Less than 12 months £m	More than 12 months £m	Total £m	Less than 12 months £m	More than 12 months £m	Total £m
<b>Assets</b>						
Cash and balances at central banks	79,404	—	79,404	74,872	—	74,872
Loans and advances to banks	30,536	110	30,646	43,175	560	43,735
Loans and advances to customers	111,455	222,437	333,892	149,118	229,120	378,238
Debt securities	28,188	53,909	82,097	24,756	61,893	86,649
Equity shares	—	1,361	1,361	—	5,635	5,635
Settlement balances	4,116	—	4,116	4,667	—	4,667
Derivatives	41,489	221,025	262,514	67,022	286,568	353,590
<b>Liabilities</b>						
Deposits by banks	37,937	359	38,296	59,034	1,631	60,665
Customer accounts	364,394	5,904	370,298	384,079	7,560	391,639
Debt securities in issue	9,556	21,594	31,150	10,690	39,590	50,280
Settlement balances and short positions	6,194	18,005	24,199	6,426	21,106	27,532
Derivatives	42,675	212,030	254,705	69,103	280,702	349,805
Subordinated liabilities	323	19,524	19,847	3,272	19,633	22,905

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**Notes on the consolidated accounts****Assets and liabilities by contractual cash flow maturity**

The tables below show the contractual undiscounted cash flows receivable and payable, up to a period of 20 years, including future receipts and payments of interest of financial assets and liabilities by contractual maturity. The balances in the following tables do not agree directly with the consolidated balance sheet, as the tables include all cash flows relating to principal and future coupon payments, presented on an undiscounted basis. The tables have been prepared on the following basis:

Financial assets have been reflected in the time band of the latest date on which they could be repaid, unless earlier repayment can be demanded by RBS. Financial liabilities are included at the earliest date on which the counterparty can require repayment, regardless of whether or not such early repayment results in a penalty. If the repayment of a financial instrument is triggered by, or is subject to, specific criteria such as market price hurdles being reached, the asset is included in the time band that contains the latest date on which it can be repaid, regardless of early repayment.

The liability is included in the time band that contains the earliest possible date on which the conditions could be fulfilled, without considering the probability of the conditions being met.

For example, if a structured note is automatically prepaid when an equity index exceeds a certain level, the cash outflow will be included in the less than three months period, whatever the level of the index at the year end. The settlement date of debt securities in issue, issued by certain securitisation vehicles consolidated by RBS, depends on when cash flows are received from the securitised assets. Where these assets are prepayable, the timing of the cash outflow relating to securities assumes that each asset will be prepaid at the earliest possible date. As the repayments of assets and liabilities are linked, the repayment of assets in securitisations is shown on the earliest date that the asset can be prepaid, as this is the basis used for liabilities.

The principal amounts of financial assets and liabilities that are repayable after 20 years or where the counterparty has no right to repayment of the principal are excluded from the table, as are interest payments after 20 years.

Held-for-trading assets of £362.7 billion (2014 - £498.2 billion) and liabilities of £344.4 billion (2014 - £477.1 billion) have been excluded from the following tables.

	0-3 months	3-12 months	1-3 years	3-5 years	5-10 years	10-20 years
	£m	£m	£m	£m	£m	£m
2015						



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Assets by contractual maturity						
Cash and balances at central banks	79,404	—	—	—	—	—
Loans and advances to banks	8,143	25	—	26	—	—
Debt securities	6,262	8,815	8,280	7,700	12,692	2,442
Settlement balances	4,116	—	—	—	—	—
Total maturing assets	97,925	8,840	8,280	7,726	12,692	2,442
Loans and advances to customers	45,562	29,421	62,391	51,261	63,928	72,987
Derivatives held for hedging	484	1,106	1,571	433	228	88
	143,971	39,367	72,242	59,420	76,848	75,517
Liabilities by contractual maturity						
Deposits by banks	7,125	781	1	1	200	66
Debt securities in issue	3,779	4,832	7,347	8,035	4,448	336
Subordinated liabilities	41	957	4,955	2,344	13,037	3,986
Settlement balances and other liabilities	5,276	—	—	—	—	—
Total maturing liabilities	16,221	6,570	12,303	10,380	17,685	4,388
Customer accounts	325,099	5,501	1,740	339	12	26
Derivatives held for hedging	144	291	605	413	635	701
	341,464	12,362	14,648	11,132	18,332	5,115
Maturity gap	81,704	2,270	(4,023)	(2,654)	(4,993)	(1,946)
Cumulative maturity gap	81,704	83,974	79,951	77,297	72,304	70,358
Guarantees and commitments notional amount						
Guarantees (1)	9,036	—	—	—	—	—
Commitments (2)	132,198	—	—	—	—	—
	141,234	—	—	—	—	—

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**Notes on the consolidated accounts**

2014	0-3 months £m	3-12 months £m	1-3 years £m	3-5 years £m	5-10 years £m	10-20 years £m
<b>Assets by contractual maturity</b>						
Cash and balances at central banks	74,872	—	—	—	—	—
Loans and advances to banks	15,110	975	219	46	15	—
Debt securities	5,889	5,328	5,014	4,684	6,103	2,602
Settlement balances	4,667	—	—	—	—	—
Total maturing assets	100,538	6,303	5,233	4,730	6,118	2,602
Loans and advances to customers	56,664	37,249	64,266	56,726	64,051	71,492
Derivatives held for hedging	611	1,483	2,281	711	380	63
	157,813	45,035	71,780	62,167	70,549	74,157
<b>Liabilities by contractual maturity</b>						
Deposits by banks	8,287	754	793	8	575	140
Debt securities in issue	2,591	7,585	12,952	8,536	8,897	1,926
Subordinated liabilities	1,243	2,731	3,045	4,365	13,394	3,698
Settlement balances and other liabilities	6,295	5	4	—	—	—
Total maturing liabilities	18,416	11,075	16,794	12,909	22,866	5,764
Customer accounts	328,158	7,884	3,170	1,082	114	23
Derivatives held for hedging	140	348	789	543	949	1,010
	346,714	19,307	20,753	14,534	23,929	6,797
Maturity gap	82,122	(4,772)	(11,561)	(8,179)	(16,748)	(3,162)
Cumulative maturity gap	82,122	77,350	65,789	57,610	40,862	37,700
<b>Guarantees and commitments notional amount</b>						
Guarantees (1)	16,721	—	—	—	—	—
Commitments (2)	212,777	—	—	—	—	—
	229,498	—	—	—	—	—

## Notes:

(1) RBS is only called upon to satisfy a guarantee when the guaranteed party fails to meet its obligations. RBS expects most guarantees it provides to expire unused.

RBS has given commitments to provide funds to customers under undrawn formal facilities, credit lines and other commitments to lend subject to certain conditions being met by the counterparty. RBS does not expect all facilities to be drawn, and some may lapse before drawdown.

**11 Financial assets - impairments**

The following table shows the movement in the provision for impairment losses on loans and advances.

	Individually assessed £m	Collectively assessed £m	Latent £m	2015 £m	2014 £m
At 1 January	11,294	5,190	1,016	17,500	25,216
Transfers to disposal groups	(20)	—	—	(20)	(553)
Currency translation and other adjustments	(441)	(110)	(24)	(575)	(667)
Disposals	—	—	—	—	(6)
Amounts written-off	(7,802)	(1,162)	—	(8,964)	(5,278)
Recoveries of amounts previously written-off (Releases)/losses to income statement	104	71	—	175	205
- continuing operations	(410)	(35)	(408)	(853)	(1,364)
- discontinued operations	—	—	—	—	194
Unwind of discount (recognised in interest income)	(51)	(93)	—	(144)	(247)
At 31 December (1)	2,674	3,861	584	7,119	17,500

Notes:

(1) Includes £1 million relating to loans and advances to banks (2014 - £40 million).

(2) The table above excludes impairments relating to securities.

Impairment (releases)/losses charged to the income statement (continuing operations)	2015 £m	2014 £m	2013 £m
Loans and advances to customers	(849)	(1,354)	8,120
Loans and advances to banks	(4)	(10)	(15)
Debt securities	(853)	(1,364)	8,105
	126	12	15
	(727)	(1,352)	8,120

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**Notes on the consolidated accounts**

The following tables analyse impaired financial assets.

	2015			2014		
	Cost £m	Provision £m	Carrying value £m	Cost £m	Provision £m	Carrying value £m
Loans and receivables						
Loans and advances to banks (1)	1	1	—	42	40	2
Loans and advances to customers (2)	10,849	6,534	4,315	25,201	16,444	8,757
	10,850	6,535	4,315	25,243	16,484	8,759

Notes:

(1) Impairment provisions individually assessed.

(2) Impairment provisions individually assessed on balances of £5,047 million (2014 - £17,655 million).

	Carrying value	
	2015 £m	2014 £m
Available-for-sale securities		
Debt securities	171	143
Equity shares	33	22
Loans and receivables		
Debt securities	19	29
	223	194

Financial and non-financial assets recognised on the balance sheet, obtained during the year by taking possession of collateral or calling on other credit enhancements, were £34 million (2014 - £43 million).

In general, RBS seeks to dispose of property and other assets not readily convertible into cash, obtained by taking possession of collateral, as rapidly as the market for the individual asset permits.

## 12 Derivatives

Companies within RBS transact derivatives as principal either as a trading activity or to manage balance sheet foreign exchange, interest rate and credit risk.

RBS enters into fair value hedges, cash flow hedges and hedges of net investments in foreign operations. The majority of RBS's interest rate hedges relate to the management of RBS's non-trading interest rate risk. RBS manages this risk within approved limits. Residual risk positions are hedged with derivatives principally interest rate swaps. Suitable larger financial instruments are fair value hedged; the remaining exposure, where possible, is hedged by derivatives documented as cash flow hedges and qualifying for hedge accounting. The majority of RBS's fair value hedges involve interest rate swaps hedging the interest rate risk in recognised financial assets and financial liabilities. Cash flow hedges relate to exposures to the variability in future interest payments and receipts on forecast transactions and on recognised financial assets and financial liabilities. RBS hedges its net investments in foreign operations with currency borrowings and forward foreign exchange contracts.

For cash flow hedge relationships of interest rate risk, the hedged items are actual and forecast variable interest rate cash flows arising from financial assets and financial liabilities with interest rates linked to LIBOR, EURIBOR or the Bank of England official Bank Rate. The financial assets are customer loans and the financial liabilities are customer deposits and LIBOR linked medium-term notes and other issued securities. At 31 December 2015, variable rate financial assets of £77 billion (2014 - £80 billion) and variable rate financial liabilities of £29 billion (2014 - £14 billion) were hedged in such cash flow hedge relationships.

For cash flow hedging relationships, the initial and ongoing prospective effectiveness is assessed by comparing movements in the fair value of the expected highly probable forecast interest cash flows with movements in the fair value of the expected changes in cash flows from the hedging interest rate swap. Prospective effectiveness is measured on a cumulative basis i.e. over the entire life of the hedge relationship. The method of calculating hedge ineffectiveness is the hypothetical derivative method. Retrospective effectiveness is assessed by comparing the actual movements in the fair value of the cash flows and actual movements in the fair value of the hedged cash flows from the interest rate swap over the life to date of the hedging relationship.

**Notes on the consolidated accounts**

For fair value hedge relationships of interest rate risk, the hedged items are typically large corporate fixed-rate loans, government securities, fixed rate finance leases, fixed rate medium-term notes or preference shares classified as debt. At 31 December 2015, fixed rate financial assets of £25 billion (2014 - £18 billion) and fixed rate financial liabilities of £21 billion (2014 - £32 billion) were hedged by interest rate swaps in fair value hedge relationships.

The initial and ongoing prospective effectiveness of fair value hedge relationships is assessed on a cumulative basis by comparing movements in the fair value of the hedged item attributable to the hedged risk with changes in the fair value of the hedging interest rate swap. Retrospective effectiveness is assessed by comparing the actual movements in the fair value of the hedged items attributable to the hedged risk with actual movements in the fair value of the hedging derivative over the life to date of the hedging relationship.

	2015			2014		
	Notional amount £bn	Assets £m	Liabilities £m	Notional amount £bn	Assets £m	Liabilities £m
Exchange rate contracts						
Spot, forwards and futures	1,962	22,922	22,403	2,025	32,960	33,419
Currency swaps	759	18,293	21,878	870	22,254	26,844
Options purchased	484	13,706	—	896	23,458	—
Options written	495	—	13,947	881	—	23,457
Interest rate contracts						
Interest rate swaps	12,535	174,438	162,040	20,161	219,411	211,287
Options purchased	1,372	31,310	—	1,471	49,248	—
Options written	1,333	—	32,497	1,552	—	47,866
Futures and forwards	4,543	390	317	4,133	886	739
Credit derivatives	67	909	840	125	2,254	2,611
Equity and commodity contracts	18	546	783	78	3,119	3,582
		262,514	254,705		353,590	349,805

Included in the table above are derivatives held for hedging purposes as follows:

	2015		2014	
	Assets £m	Liabilities £m	Assets £m	Liabilities £m

Fair value hedging				
Interest rate contracts	1,480	1,667	2,122	2,319
Cash flow hedging				
Interest rate contracts	2,231	917	3,240	1,291
Exchange rate contacts	52	2	—	5
Net investment hedging				
Exchange rate contracts	62	17	78	6
Total	3,825	2,603	5,440	3,621

Hedge ineffectiveness recognised in other operating income in continuing operations comprised:

	2015	2014	2013
	£m	£m	£m
Fair value hedging			
Gains/(losses) on the hedged items attributable to the hedged risk	110	809	(165)
(Losses)/gains on the hedging instruments	(39)	(840)	154
Fair value hedging ineffectiveness	71	(31)	(11)
Cash flow hedging ineffectiveness	(23)	(33)	(64)
	48	(64)	(75)

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**Notes on the consolidated accounts**

The following table shows when hedged cash flows are expected to occur and when they will affect income for designated cash flow hedges.

	0-1 years	1-5 years	5-10 years	10-20 years	Over 20 years	Total
	£m	£m	£m	£m	£m	£m
Hedged forecast cash flows expected to occur						
2015						
Forecast receivable cash flows	332	828	231	—	—	1,391
Forecast payable cash flows	(119)	(192)	(62)	(78)	(11)	(462)
2014						
Forecast receivable cash flows	278	844	227	—	—	1,349
Forecast payable cash flows	(49)	(100)	(61)	(92)	(12)	(314)

**13 Debt securities**

	Central and local government			Other Banks financial institutions		Corporate	Total	Of which ABS (1)
	UK	US	Other	£m	£m	£m	£m	£m
2015								
Held-for-trading	4,107	4,627	22,222	576	3,689	636	35,857	707
Designated as at fair value through profit or loss	—	—	111	—	—	—	111	—
Available-for-sale	9,110	10,265	12,137	1,639	5,578	102	38,831	2,362
Loans and receivables	—	—	—	1	2,242	144	2,387	2,222
Held-to-maturity	4,911	—	—	—	—	—	4,911	—
	18,128	14,892	34,470	2,216	11,509	882	82,097	5,291
Available-for-sale								
Gross unrealised gains	383	104	269	3	110	7	876	88
Gross unrealised losses	(7)	(62)	(9)	(1)	(58)	(3)	(140)	(42)
2014								
Held-for-trading	6,218	7,709	24,451	1,499	7,372	1,977	49,226	3,559
Designated as at fair value through profit or loss	—	—	111	2	4	—	117	—
Available-for-sale	4,747	5,230	11,058	3,404	5,073	161	29,673	3,608
Loans and receivables	—	—	—	185	2,774	137	3,096	2,734
Held-to-maturity	4,537	—	—	—	—	—	4,537	—
	15,502	12,939	35,620	5,090	15,223	2,275	86,649	9,901
Available-for-sale								
Gross unrealised gains	451	144	541	8	166	6	1,316	128
Gross unrealised losses	(1)	(5)	(3)	(1)	(133)	(2)	(145)	(120)



Note:

(1) Includes asset-backed securities issued by US federal agencies and government sponsored entities, and covered bonds.

Gross gains of £69 million (2014 - £502 million) and gross losses of £133 million (2014 - £386 million) were realised on the sale of available-for-sale securities in continuing operations.

Gross gains of £11 million (2014 - £20 million) and gross losses of nil (2014 - £3 million) were realised on the sale of available-for-sale securities in discontinued operations.

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**Notes on the consolidated accounts**

The following table analyses available-for-sale debt securities and the related yield (based on weighted averages) by remaining maturity and issuer.

	0-1 years		1-5 years		5-10 years		Over 10 years		Total	
	Amount £m	Yield %	Amount £m	Yield %	Amount £m	Yield %	Amount £m	Yield %	Amount £m	Yield %
2015										
Central and local governments										
- UK	2,830	0.2	2,333	2.4	2,081	2.4	1,866	3.3	9,110	1.9
- US	4,544	0.9	2,254	2.0	2,528	2.1	939	2.9	10,265	1.6
- other	4,872	1.1	3,897	2.0	2,674	1.4	694	2.6	12,137	1.5
Banks	776	1.3	714	0.4	149	0.8	—	—	1,639	0.9
Other financial institutions	1,166	1.1	1,867	0.9	2,080	2.4	465	0.4	5,578	1.5
Corporate	102	0.1	—	—	—	—	—	—	102	0.1
	14,290	0.9	11,065	1.8	9,512	2.0	3,964	2.8	38,831	1.6
Of which ABS (1)	518	0.9	963	0.4	416	0.6	465	0.4	2,362	0.5
2014										
Central and local governments										
- UK	124	1.0	1,473	1.1	1,253	2.8	1,897	3.8	4,747	2.6
- US	241	0.3	3,126	2.4	1,863	2.0	—	—	5,230	2.2
- other	4,838	1.1	2,784	3.1	2,023	1.8	1,413	3.0	11,058	2.0
Banks	1,610	0.8	571	1.1	960	1.3	263	1.6	3,404	1.0
Other financial institutions	1,237	0.5	1,062	0.5	1,599	1.3	1,175	0.6	5,073	0.8
Corporate	127	0.2	34	0.7	—	—	—	—	161	0.3
	8,177	0.9	9,050	2.1	7,698	1.8	4,748	2.7	29,673	1.8
Of which ABS (1)	403	0.2	866	0.3	1,515	0.2	824	0.5	3,608	0.3

Note:

(1) Includes asset-backed securities issued by US federal agencies and government sponsored entities, and covered bonds.

**14 Equity shares**

	2015			2014		
	Listed £m	Unlisted £m	Total £m	Listed £m	Unlisted £m	Total £m
Held-for-trading	627	33	660	4,709	112	4,821
Designated as at fair value through profit or loss	1	146	147	11	290	301
Available-for-sale	53	501	554	145	368	513

	681	680	1,361	4,865	770	5,635
Available-for-sale						
Gross unrealised gains	8	281	289	26	183	209
Gross unrealised losses	—	(8)	(8)	(4)	(8)	(12)

Gross gains of £61 million (2014 - £175 million) and gross losses of £1 million (2014 - £64 million) were realised on the sale of available-for-sale equity shares in continuing operations. There were no gains or losses in discontinued operations.

Dividend income from available-for-sale equity shares was £45 million (2014 - £30 million) in continuing operations and £15 million (2014 - £22 million) in discontinued operations.

Unquoted equity investments whose fair value cannot be reliably measured are carried at cost and classified as available-for-sale financial assets. Unquoted equity shares generated no material gains or losses in 2015 or 2014.

**Notes on the consolidated accounts****15 Intangible assets**

	2015			2014		
	Goodwill £m	Other (1) £m	Total £m	Goodwill £m	Other (1) £m	Total £m
Cost						
At 1 January	17,121	3,048	20,169	25,282	5,593	30,875
Transfers to disposal groups	(220)	(156)	(376)	(8,055)	(1,124)	(9,179)
Currency translation and other adjustments	(418)	(6)	(424)	(86)	20	(66)
Additions	—	614	614	—	631	631
Disposals and write-off of fully amortised assets	—	(1,310)	(1,310)	(20)	(2,072)	(2,092)
At 31 December	16,483	2,190	18,673	17,121	3,048	20,169
Accumulated amortisation and impairment						
At 1 January	10,857	1,531	12,388	15,143	3,364	18,507
Transfers to disposal groups	—	(149)	(149)	(4,098)	(532)	(4,630)
Currency translation and other adjustments	(430)	(13)	(443)	(298)	(5)	(303)
Disposals and write-off of fully amortised assets	—	(1,222)	(1,222)	(20)	(2,058)	(2,078)
Charge for the year						
- continuing operations	—	230	230	—	259	259
- discontinued operations	—	—	—	—	100	100
Write down of goodwill and other intangible assets						
- continuing operations	498	834	1,332	130	393	523
- discontinued operations	—	—	—	—	10	10
At 31 December	10,925	1,211	12,136	10,857	1,531	12,388
Net book value at 31 December	5,558	979	6,537	6,264	1,517	7,781

Note:

(1) Principally internally generated software.

The Group's goodwill acquired in business combinations is reviewed annually at 30 September for impairment by comparing the recoverable amount of each cash-generating unit (CGU) to which goodwill has been allocated with its carrying value. The Group's goodwill was reviewed at 30 September 2015 and was also subject to a further full review at 31 December 2015 following the changes to the reportable segments described in Note 36.

Impairment testing involves the comparison of the carrying value of a CGU or group of CGUs with its recoverable amount. Recoverable amount is the higher of fair value and value in use. Value in use is the present value of expected future cash flows from the CGU or group of CGUs. Fair value is the price that would be received to sell an asset in an orderly transaction between market participants.

Impairment testing inherently involves a number of judgmental areas: the preparation of cash flow forecasts for periods that are beyond the normal requirements of management reporting; the assessment of the discount rate appropriate to the business; estimation of the fair value of CGUs; and the valuation of the separable assets of each business whose goodwill is being reviewed. Sensitivity to the more significant variables in each assessment are presented in the tables on the following page.

The recoverable amounts for all CGUs at 30 September 2015 and 31 December 2015 were based on value in use, using management's latest five-year forecasts. The long-term growth rates have been based on nominal UK GDP growth rates. The risk discount rates are based on those observed to be applied to businesses regarded as peers of the CGU's.

The annual review at 30 September 2015 indicated no impairment to goodwill.

Following the changes to the reportable segments, the Group's goodwill was subject to a further full review at 31 December 2015 using revised business forecasts. This resulted in full impairment of the £498 million goodwill relating to Private Banking.

As a result of the changes to the reportable segments in 2015 goodwill of £0.3 billion was allocated to RBS International, £0.2 billion of which was previously reported in Commercial Banking and £0.1 billion of which was previously reported in Private Banking. Goodwill of £0.2 billion was allocated from Private Banking to International Private Banking which had been included within disposal groups since 31 March 2015, see Note 18. In addition, goodwill of £0.1 billion that was written off in 2014 was allocated to Capital Resolution from Corporate & Institutional Banking.

In 2014, the change in reportable segments resulted in the £2.8 billion goodwill attributed to UK Corporate being allocated to Commercial Banking (£2.1 billion), UK Personal & Business Banking (£0.6 billion) and Corporate & Institutional Banking (£0.1 billion). All UK Retail, Wealth and US Retail & Commercial goodwill was allocated to UK Personal & Business Banking, Private Banking and Citizens Financial Group respectively. The goodwill allocated to Corporate & Institutional Banking was written-off immediately following the 2014 re-segmentation.

The analysis of goodwill by reportable segment is shown in Note 36.

**Notes on the consolidated accounts**

The carrying value of goodwill and the amount by which it is exceeded by the recoverable amount are set out below by reportable segment, along with the key assumptions applied in calculating the recoverable amount and sensitivities to changes in those assumptions. The details below are based on the updated review performed at 31 December 2015 and take into account the revised reportable segments.

	Goodwill	Assumptions		Recoverable amount exceeded carrying value	Consequential impact of 1% adverse movement in		Consequential impact of 5% adverse movement in forecast pre-tax earnings
		Terminal growth rate	Pre-tax discount rate		Discount rate	Terminal growth rate	
	£bn	%	%	£bn	£bn	£bn	£bn
31 December 2015							
UK Personal & Business Banking	3.4	4.5	12.0	10.7	(2.6)	(1.5)	(1.7)
Commercial Banking	1.9	4.5	12.1	6.4	(1.9)	(0.9)	(1.2)
RBS International	0.3	4.5	10.2	1.2	(0.5)	(0.3)	(0.2)
30 September 2014							
UK Personal & Business Banking	3.4	4.5	11.5	17.6	(3.6)	(2.5)	(1.6)
Commercial Banking	2.1	4.5	11.7	3.0	(1.9)	(0.9)	(1.0)
Private Banking	0.8	4.5	11.4	0.7	(0.5)	(0.3)	(0.2)

Other intangible assets are reviewed for indicators of impairment. In 2015, £834 million (2014 - £401 million) of previously capitalised software was written-off primarily as a result of the reorganisation of CIB.

**16 Property, plant and equipment**

	Investment properties	Freehold premises	Long leasehold premises	Short leasehold premises	Computers and other equipment	Operating lease assets	Total
	£m	£m	£m	£m	£m	£m	£m
2015							
Cost or valuation							
At 1 January	1,933	2,860	240	1,334	2,982	1,551	10,900
Transfers to disposal groups	—	(7)	—	(41)	(25)	—	(73)
Currency translation and other adjustments	(100)	13	(2)	(4)	1	15	(77)
Additions	31	139	8	125	350	202	855
Change in fair value of investment properties							

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- continuing operations	2	—	—	—	—	—	2
Disposals and write-off of fully depreciated assets	(951)						