

ROYAL BANK OF SCOTLAND GROUP PLC  
Form 6-K  
February 28, 2013

FORM 6-K  
SECURITIES AND EXCHANGE COMMISSION  
Washington D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16  
of the Securities Exchange Act of 1934

For 28 February, 2013

Commission File Number: 001-10306

The Royal Bank of Scotland Group plc

RBS, Gogarburn, PO Box 1000  
Edinburgh EH12 1HQ

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F  X

Form 40-F  \_\_\_\_

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): \_\_\_\_\_

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): \_\_\_\_\_

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  \_\_\_\_

No  X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-  
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The following information was issued as a Company announcement in London, England and is furnished pursuant to General Instruction B to the General Instructions to Form 6-K:

Risk and balance sheet management

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|                                      |     |
|--------------------------------------|-----|
| Risk principles                      | 141 |
| Capital management                   | 152 |
| Liquidity, funding and related risks | 164 |
| Credit risk                          | 180 |
| Market risk                          | 235 |
| Country risk                         | 243 |

Risk and balance sheet management (continued)

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|                                 |     |
|---------------------------------|-----|
| Risk principles                 |     |
| Presentation of information     | 142 |
| General overview                | 142 |
| Top and emerging risk scenarios | 146 |

Risk and balance sheet management (continued)

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Risk principles

Presentation of information

In the balance sheet, all assets of disposal groups are presented as a single line. In the risk and balance sheet management section, balances and exposures relating to disposal groups are included within risk measures for all periods presented.

General overview

The following table defines the main risk types faced by the Group and presents a summary of the key developments for each risk during 2012.

| Risk type  | Definition   | 2012 summary  |
|--|--|---|
| Capital adequacy risk                            | The risk that the Group has insufficient capital.  | Core Tier 1 ratio was 10.3%, a sixty basis point improvement on 2011 (excluding the effect of APS). This largely reflected a reduction in the risk profile with risk-weighted assets (RWAs) down by nearly 10%, principally in Non-Core due to disposals and run-off and in Markets.<br><br>Refer to pages 152 to 163.  |
| Liquidity and funding risk                       | The risk that the Group is unable to meet its financial liabilities as they fall due.  | The Group met or exceeded its medium term strategic funding and liquidity targets by 2012 year end. This included a loan:deposit ratio of 100%, short-term wholesale funding (STWF) of £42 billion, representing 5% of funded assets (target: less than 10%) and a £147 billion liquidity portfolio which covered STWF 3.5 times (target: greater than 1.5 times STWF).<br><br>Refer to pages 164 to 179.   |
| Credit risk (including counterparty credit risk) | The risk that the Group will incur losses owing to the failure of a customer or counterparty to meet its obligation to settle outstanding amounts. | During 2012, loan impairment charges were 28% lower than in 2011 despite continuing challenges in Ulster Bank Group (Core and Non-Core) and commercial real estate portfolios. Credit risk associated with legacy exposures continued to be reduced, with a further 34% decline in Non-Core credit RWAs during the year. The Group also continued to make progress in reducing key credit concentration risks, with exposure to commercial real estate declining 16% during 2012.<br><br>Refer to pages 180 to 234. |

Risk and balance sheet management (continued)

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Risk principles: General overview (continued)

| Risk type    | Definition  | 2012 summary   |
|--------------|---|--|
| Market risk  | The risk arising from fluctuations in interest rates, foreign currency, credit spreads, equity prices, commodity prices and risk related factors such as market volatilities. | During 2012, the Group continued to reduce its risk exposures; market risk limits were lowered accordingly. Average trading VaR was £97 million, 8% lower than 2011, largely reflecting asset sales in Non-Core and decreases in ABS trading inventory in Markets.<br><br>Refer to pages 235 to 242.                 |
| Country risk | The risk of material losses arising from significant country-specific events.   | In the context of several sovereign downgrades, the Group has made continued progress in managing down its sovereign exposures. Having recognised an impairment on its holding of Greek government bonds in 2011, the Group participated in the restructuring of Greek sovereign debt in Q1 2012 and no longer holds |

Greek government bonds. During 2012, the Group brought nearly all advanced countries under country limit control and further restricted its country risk appetite. Balance sheet exposures to periphery eurozone countries decreased by 13% or £9 billion to £59 billion, with £20 billion outside of Ireland. Funding mismatches in Ireland and Spain reduced to approximately £9 billion and £4 billion, respectively. Mismatches in other periphery eurozone countries were modest or in surplus with £20 billion outside of Ireland.

Refer to pages 243 to 289.

**Insurance risk** The risk of financial loss through fluctuations in the timing, frequency and/or severity of insured events, relative to the expectations at the time of underwriting. The Group's insurance risk resides principally in its majority owned subsidiary, Direct Line Group (DLG), which is listed on the London Stock Exchange. DLG ensures that it prices its policies and invests its resources appropriately to minimise the risk of potential loss. The risks are mitigated by agreeing policies and minimum standards that are regularly reviewed. The controls are supplemented by reviews by external experts.

Risk and balance sheet management (continued)

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Risk principles: General overview (continued)

| Risk type        | Definition   | 2012 summary   |
|------------------|--|--|
| Operational risk | The risk of loss resulting from inadequate or failed processes, people, systems or from external events. | During 2012, the Group continued to make good progress in enhancing its operational risk framework and risk management capabilities. Key areas of focus have included: embedding risk assessments; increasing the coverage of the scenario analysis portfolio; and improving statistical capital modelling capabilities. |

The level of operational risk remains high due to the scale of change occurring across the Group (both structural and regulatory), macroeconomic stresses (e.g. eurozone distress) and other external threats such as e-crime. In June 2012 the Group was affected by a technology incident as a result of which the processing of certain customers accounts and payments were subject to considerable delay.

|                 |   |  |
|-----------------|---|--|
| Regulatory risk | The risk arising from non-compliance with regulatory requirements, regulatory change or regulator expectations. | During 2012, the Group, along with the rest of the banking industry, continued to experience unprecedented levels of prospective changes to laws and regulations from national and supranational regulators. Particular areas of focus were: conduct regulation; prudential regulation (capital, liquidity, governance and risk management); treatment of systemically important entities (systemic capital surcharges and recovery and resolution planning); and structural reforms, with the UK's Independent Commission on Banking proposals, the European Union's Liikanen Group recommendations and the Dodd-Frank/Volcker Rule agenda in the US. |
|-----------------|---|--|

Risk and balance sheet management (continued)

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Risk principles: General overview (continued)

| Risk type         | Definition  | 2012 summary  |
|-------------------|---|---|
| Conduct risk      | The risk that the conduct of the Group and its staff towards its customers, or within the markets in which it operates, leads to reputational damage and/or financial loss. | <p>A management framework has been developed to enable the consistent identification, assessment and mitigation of conduct risks. Embedding of this framework started during 2012 and is continuing in 2013.</p> <p>Grouped under four pillars (employee conduct, corporate conduct, market conduct and conduct towards the Group's customers), each conduct risk policy is designed to ensure the Group meets its obligations and expectations.</p> <p>Awareness initiatives and targeted conduct risk training for each policy aligned to the phased policy rollout, have been developed and are being delivered to help embed understanding and to provide clarity. These actions are designed to facilitate effective conduct risk management, and address shortcomings identified through recent instances of inappropriate conduct.</p> |
| Reputational risk | The risk of brand damage and/or financial loss due to the failure to meet stakeholders' expectations of the Group.  | <p>In 2012, the Group strengthened the alignment of reputational risk management with its strategic objective of serving customers well and with the management of a range of risk types that have a reputational sensitivity. There are still legacy reputational issues to work through, but dealing with them in an open and direct manner is a prerequisite to rebuilding a strong reputation for the Group.</p>  |
| Business risk     | The risk of losses as a result of adverse variance in the Group's revenues and/or costs relative to its business plan and strategy.   | During 2012, the Group continued to de-risk its balance sheet and to shrink its more volatile Markets business. The Group has further enhanced its scenario modelling to better understand potential threats to earnings and to develop appropriate   |

|              |  |  |
|--------------|--|--|
| Pension risk | The risk arising from the Group's contractual liabilities to or with respect to its defined benefit pension schemes, as well as the risk that it will have to make additional contributions to such schemes. | contingency plans.<br>In 2012, the Group focused on enhancing its pension risk management and modelling systems and implementing a Group pension risk policy standard. |
|--------------|--|--|

## Risk and balance sheet management (continued)

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### Risk principles (continued)

#### Top and emerging risk scenarios

Although management is concerned with a range of risk scenarios, a relatively small number attracted particular attention from senior management during the past year. These can be grouped into three broad categories:

Macro-economic risks.

Regulatory and legal risks.

Risks related to the Group's operations.

Descriptions of top and emerging risks are provided below:

#### Macroeconomics risks

(i) Increased defaults in sectors to which the Group has concentrated exposure, particularly commercial real estate  
The Group has concentrated lending exposure to several sectors, most notably commercial real estate, giving rise to the risk of losses and reputational damage from unexpectedly high defaults. Another sector to which the Group has concentrated lending exposure is shipping. Several of the Group's businesses are exposed to these sectors, principally Non-Core, Ulster Bank and UK Corporate.

#### Impact on the Group

If borrowers are unable to refinance existing debt, they may default. Further, if the value of collateral they have provided continues to decline, the resulting impairments may be larger than expected. In addition, as other lenders seek to sell assets, the Group may find it more difficult to meet its own targets for a reduction in its exposure to certain sectors.

#### Mitigants

The Group is mitigating its risks by monitoring exposures carefully and achieving reductions through a combination of repayments, roll-offs and asset sales whenever possible. In addition, it has placed limits on the origination of new business of this type.

(ii) The risk of a eurozone event

Europe was of concern throughout the year owing to a combination of slow growth in major economies and negative growth in peripheral countries labouring under high public debt burdens. As a result, several risks might materialise, including the default of one or more eurozone sovereigns, the exit from the eurozone of one or more member countries or the redenomination of the currency of a eurozone country followed by the devaluation of that country's currency. Although the Group's direct exposure to most peripheral eurozone countries is modest, it has material exposure to Ireland through its ownership of Ulster Bank. In addition, it has material exposure to core eurozone countries such as Germany, the Netherlands, France and, to a lesser extent, Italy. Details of the Group's eurozone exposures appear on page 250. All divisions are affected by this risk.

## Risk and balance sheet management (continued)

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### Risk principles (continued)

#### Top and emerging risk scenarios (continued)

##### Impact on the Group

If a peripheral eurozone sovereign defaults on its debt, the Group could experience unexpected impairments, either as a result of its exposure to the sovereign or as a result of its exposure to financial institutions or corporations located in that country.

If one or more sovereigns exit the eurozone, credit ratings for eurozone borrowers more broadly may be downgraded, resulting in increases in credit spreads and decreases in security values, giving rise to market value losses.

If one or more peripheral eurozone sovereigns redenominates its currency, resulting in a devaluation, the Group could experience losses to the extent that its exposures to these sovereigns are not funded by liabilities that similarly redenominate.

##### Mitigants

The Group has taken a number of steps to mitigate the impact of these risks.

To mitigate the impact of a eurozone sovereign default, the Group has reduced its exposures to peripheral eurozone countries. To mitigate the impact of the exit from the eurozone of one or more countries, and the sovereign ratings downgrade that would likely result, the Group has extended its limit control framework to include all eurozone countries.

Finally, to mitigate the impact of redenomination, the Group has reduced exposures and sought where possible to reduce mismatches between the currencies in which assets and liabilities are denominated.

##### (iii) The risk of a more severe or protracted economic downturn

Following the financial crisis of 2007, economies in the UK, Europe and the US have struggled to recover and return to growth. An unexpectedly severe downturn could result from economic weakness in the emerging markets of Asia, spreading to the US, the UK and Europe. A slowdown in or reversal of economic growth could undermine the austerity plans of the UK and other countries in Europe. The risk to the UK is of particular concern. While all divisions are potentially affected, those most at risk include UK Corporate, UK Retail, Markets, Non-Core and Ulster Bank.

##### Impact on the Group

If the UK experiences an unexpectedly severe economic downturn, the Group is exposed to the risk of losses largely as a result of increased impairments in its retail and commercial businesses in the UK. Its investment banking activities in the UK could also be adversely affected.

A worsening of the already difficult economic environment in Ireland could result in increased impairments in Ulster Bank. In addition, it could make the sale or refinancing of related exposures in Non-Core more difficult, slowing progress towards the elimination of these exposures.

## Risk and balance sheet management (continued)

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### Risk principles (continued)

### Top and emerging risk scenarios (continued)

#### Mitigants

To mitigate the risk, the Group actively monitors its risk positions with respect to country, sector, counterparty and product relative to risk appetite, placing exposures on Watch and subjecting them to greater scrutiny. In addition, the Group reduces exposures when appropriate and practicable.

#### (iv) An increase in the Group's obligations to support pension schemes

The Group has established various pension schemes, thereby incurring certain obligations as sponsor of these schemes. All of the Group's businesses are exposed to this risk.

If the value of the pension scheme assets is not adequate to fund pension scheme liabilities, the Group may be required to set aside additional capital in support of the schemes. The amount of additional capital that may be required depends on the size of the shortfall when the assets are valued. However, as asset values are lower and liabilities higher than they were when the fund was last valued, an increase in capital required is a possibility.

In addition, the Group may be required to increase its cash contributions to the schemes. Similarly, the amount of additional cash contributions that may be required depends on the size of the shortfall when the assets are valued. If interest rates fall further, the value of the schemes' assets may decline as the value of their liabilities increases, leading to the need to increase cash contributions still further.

#### Mitigants

In order to mitigate the risk, the Group has taken a number of steps, including changing the terms of its pension schemes to reduce the rate at which liabilities are increasing. These include: capping the growth rate of pensionable salary at two percent, and changing the retirement age to 65 with same contributions, with the option for individuals to retire at age 60 and pay an extra five percent of their salary to fund it.

### Regulatory and legal risks

#### (i) A failure to demonstrate compliance with existing regulatory requirements related to conduct

The Group is subject to regulation governing the conduct of its business activities. For example, it must ensure that it sells its products and services only to informed and suitable customers and handles complaints efficiently and effectively. This risk affects all divisions.



#### Impact on the Group

If the Group sells unsuitable products and services to customers or if the sales process is flawed, it may incur regulatory censure, including fines. In addition, it may suffer serious reputational damage.

If the Group fails to handle customer complaints appropriately, it may incur regulatory censure, including fines. In addition, it may incur increased costs as it investigates these complaints and compensates customers. Further, it may suffer serious reputational damage.

#### Risk and balance sheet management (continued)

#### Risk principles (continued)

#### Top and emerging risk scenarios (continued)

#### Mitigants

In order to mitigate these risks, the Group has taken a number of steps:

In order to mitigate the risk of mis-selling, affected divisions are exiting some businesses and improving staff training and controls in others.

In order to improve the handling of customer complaints, divisions have detailed action plans in place to meet or exceed customer and regulatory requirements address known shortcomings.

#### (ii) A failure to demonstrate compliance with other existing regulatory requirements

The Group is also subject to regulation governing its business activities more broadly. For example, it is required to take the steps necessary to ensure that it complies with rules in place to prevent money laundering, bribery and other forms of unlawful activity. It is also required to comply with certain regulations regarding the timely provision of banking services to customers. This risk affects all divisions.

#### Impact on the Group

If the Group sells products and services to sanctioned individuals or groups, it may expose itself to the risk of litigation as well as regulatory censure. Its reputation would also suffer materially.

If the Group, as a result of a systems failure, is unable to provide banking services to customers, it may incur regulatory fines and censure as well as suffer significant reputational damage.

#### Mitigants

The Group is in the process of installing a new global client screening program, the objective of which is to prevent the inadvertent provision of products and services to sanctioned individuals or groups.

The Group has also established and is implementing a plan to enhance the resilience of information technology and payment processing systems.

#### (iii) Losses or reputational damage arising from litigation

Given its diverse operations, the Group is exposed to the risk of litigation. For example, during the course of 2012, it was the subject of investigations into its activities in respect of LIBOR as well as securitisation. This risk affects all of

the Group's divisions.

#### Impact on the Group

As a result of litigation, the Group may incur fines, suffer reputational damage, or face limitations on its ability to operate. In the case of LIBOR, the Group reached settlements with the Financial Services Authority, the Commodity Futures Trading Association and the US Department of Justice. It continues to cooperate with other governmental and regulatory authorities in relation to LIBOR investigations; the probable outcome is that the Group will incur additional financial penalties at the conclusion of these investigations.

#### Risk and balance sheet management (continued)

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#### Risk principles (continued)

#### Top and emerging risk scenarios (continued)

#### Mitigants

The Group defends claims against it to the best of its ability.

#### (iv) A failure to demonstrate compliance with new requirements arising from structural reform

In addition to existing regulation, the Group will be subject to new regulation arising from structural reform. For example, legislation creating the Single European Payment Area (SEPA) will require the Group to develop and implement the infrastructure necessary to effect domestic and cross border payments. This risk affects Markets, International Banking and Ulster Bank in particular.

#### Impact on the Group

Compliance with the regulation will require substantial changes in the Group's systems. As a result, the Group may not be able to meet the deadline for implementation, giving rise to the risk of regulatory fines and censure. In addition, as such a failure would affect customers, it could also have a material negative impact on the Group's reputation.

#### Mitigants

The Group has a project in train to design, develop and deliver the required systems changes.

#### Risks related to the Group's operations

#### (i) A failure of information technology systems

The Group relies on information technology systems to service its customers, giving rise to the risk of losses and significant reputational damage should one or more of these systems fail. The risks of an information technology system failure affect all of the Group's businesses.

#### Impact on the Group

A failure could prevent the Group from making or receiving payments, processing vouchers or providing other types of services to its customers.

A failure could also prevent the Group from managing its liquidity position, giving rise to the risk of illiquidity.

A lack of management information could lead to an inadvertent breach of regulations governing capital or liquidity.

A failure could also leave the Group vulnerable to cyber crime. The Group is also exposed to this risk indirectly, through outsourcing arrangements with third parties.

#### Mitigants

The Group has developed a risk appetite framework to manage these risks and is implementing a plan to bring its risk position within risk appetite by improving batch processing through process redesign and simplification. The Group expects these investments to result in improvements over the course of 2013 and 2014.

#### Risk and balance sheet management (continued)

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##### Risk principles (continued)

###### (ii) A failure of operational controls

The Group is exposed to the risk of losses arising from a failure of supervisory controls to prevent a deviation from procedures. An example of such a deviation is an unauthorised trading event. Should existing controls prove inadequate, one or more individuals may expose the Group to risks far in excess of its approved risk appetite. While all divisions are exposed to this risk to some degree, Markets is particularly at risk.

##### Impact on the Group

If one or more individuals deviate from procedures, the Group may take excessively large positions. If market prices change adversely, the Group may incur losses. Such losses may be substantial if the positions themselves are very large relative to the relevant market.

#### Mitigants

Markets has developed a plan for addressing identified weaknesses, has benchmarked it against those of its peers and is implementing it.

#### Risk and balance sheet management (continued)

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##### Capital management

|                                   |     |
|-----------------------------------|-----|
| Introduction                      | 153 |
| 2012 achievements                 | 153 |
| Capital allocation                | 153 |
| Capital ratios                    | 154 |
| Capital resources                 | 155 |
| Components of capital (Basel 2.5) | 155 |
| Flow statement (Basel 2.5)        | 157 |

|   |     |
|---|-----|
| Risk-weighted assets                            | 158 |
| Divisional analysis                             | 158 |
| Flow statement                                  | 160 |
| Looking forward                                 | 161 |
| Basel III                                       | 161 |
| Model changes                                   | 163 |
| Other regulatory capital changes                | 163 |
| European Banking Authority (EBA) recommendation | 163 |

## Risk and balance sheet management (continued)

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### Capital management

#### Introduction

The Group aims to maintain an appropriate level of capital to meet its business needs and regulatory requirements, and the Group operates within an agreed risk appetite.

The appropriate level of capital is determined based on the dual aims of: (i) meeting minimum regulatory capital requirements; and (ii) ensuring the Group maintains sufficient capital to uphold investor and rating agency confidence in the organisation, thereby supporting the business franchise and funding capacity.

#### 2012 achievements

The Group's Core Tier 1 ratio of 10.3% is higher than at the end of 2011 (after adjusting for Asset Protection Scheme effects) despite absorbing regulatory changes equivalent to 109 basis points and in the face of challenging economic headwinds and continuing costs of de-risking. This has been achieved through a continued focus on reshaping the Group's use of capital.

The Group has developed its stress testing capability to identify the impact of a wider set of potential scenarios. The stress outcomes show that the de-risking in the Group has been effective in reducing the impacts of stress scenarios and at the same time the capital ratios have been improving, resulting in increased capital buffers. The changes to the risk profiles as a result of de-risking include run-down of Non-Core, reduction in concentrations, and revising the strategic footprint of the Markets division.

The capital allocation approaches used in the Group will be developed to become increasingly risk sensitive and align risk management and resource allocation more fully.

#### Capital allocation

Capital resources are allocated to the Group's businesses based on key performance parameters agreed by the Group Board in the annual strategic planning process. Principal among these is a profitability metric, which assesses the effective use of the capital allocated to the business. Projected and actual return on equity is assessed against target returns set by the Group Board. The allocations also reflect strategic priorities, the intensity of regulatory capital use and the usage of other key Group resources such as balance sheet funding and liquidity.

The divisions use return on capital metrics when making pricing decisions on products and transactions to ensure customer activity is appropriately aligned with Group and divisional targets and allocations.

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The Financial Services Authority (FSA) uses the risk asset ratio as a measure of capital adequacy in the UK banking sector, comparing a bank's capital resources with its RWAs (the assets and off-balance sheet exposures are weighted to reflect the inherent credit and other risks). By international agreement, the risk asset ratios should not be less than 8% with a Tier 1 component of not less than 4%.

Risk and balance sheet management (continued)

Capital management (continued)

Capital ratios

The Group's capital, RWAs and risk asset ratios, calculated in accordance with FSA definitions, are set out below.

|   | 31<br>December<br>2012<br>£bn | 30<br>September<br>2012<br>£bn | 31<br>December<br>2011<br>£bn |
|---|-------------------------------|--------------------------------|-------------------------------|
| Capital   |                               |                                |                               |
| Core Tier 1   | 47.3                          | 48.1                           | 46.3                          |
| Core Tier 1 (excluding Asset Protection Scheme (APS)) | 47.3                          | 50.1                           | 49.1                          |
| Tier 1  | 57.1                          | 58.1                           | 57.0                          |
| Total   | 66.8                          | 63.1                           | 60.7                          |

|                              | 31<br>December<br>2012<br>£bn | 30<br>September<br>2012<br>£bn | 31<br>December<br>2011<br>£bn |
|------------------------------|-------------------------------|--------------------------------|-------------------------------|
| Risk-weighted assets by risk |                               |                                |                               |
| Credit risk                  |                               |                                |                               |
| - non-counterparty           | 323.2                         | 334.5                          | 344.3                         |
| - counterparty               | 48.0                          | 53.3                           | 61.9                          |
| Market risk                  | 42.6                          | 47.4                           | 64.0                          |
| Operational risk             | 45.8                          | 45.8                           | 37.9                          |

|            |       |        |        |
|------------|-------|--------|--------|
| APS relief | 459.6 | 481.0  | 508.1  |
|            | -     | (48.1) | (69.1) |
|            | 459.6 | 432.9  | 439.0  |

| Risk asset ratios           | %    | %    | %    |
|-----------------------------|------|------|------|
| Core Tier 1                 | 10.3 | 11.1 | 10.6 |
| Core Tier 1 (excluding APS) | 10.3 | 10.4 | 9.7  |
| Tier 1                      | 12.4 | 13.4 | 13.0 |

|       |      |      |      |
|-------|------|------|------|
| Total | 14.5 | 14.6 | 13.8 |
|-------|------|------|------|

## Key point

- The Core Tier 1 ratio, excluding relief provided by APS, has improved to 10.3% at 31 December 2012 driven by continued run-down and disposal of Non-Core assets and the reshaping of the balance sheet and capital usage in Markets.

## Risk and balance sheet management (continued)

## Capital management (continued)

## Capital resources

## Components of capital (Basel 2.5)

The Group's regulatory capital resources in accordance with FSA definitions were as follows:

|  | 31<br>December<br>2012<br>£m | 30<br>September<br>2012<br>£m | 31<br>December<br>2011<br>£m |
|--|------------------------------|-------------------------------|------------------------------|
| Shareholders' equity (excluding non-controlling interests)             |                              |                               |                              |
| Shareholders' equity per balance sheet                                 | 68,130                       | 72,699                        | 74,819                       |
| Preference shares - equity   | (4,313)                      | (4,313)                       | (4,313)                      |
| Other equity instruments   | (431)                        | (431)                         | (431)                        |
|  | 63,386                       | 67,955                        | 70,075                       |
| Non-controlling interests  |                              |                               |                              |
| Non-controlling interests per balance sheet                            | 2,318                        | 1,194                         | 1,234                        |
| Non-controlling preference shares                                      | (548)                        | (548)                         | (548)                        |
| Other adjustments to non-controlling interests for regulatory purposes | (1,367)                      | (259)                         | (259)                        |
|  | 403                          | 387                           | 427                          |
| Regulatory adjustments and deductions                                  |                              |                               |                              |
| Own credit   | 691                          | 651                           | (2,634)                      |
| Defined pension benefit adjustment                                     | 913                          | -                             | -                            |
| Unrealised losses on available-for-sale (AFS) debt securities          | 410                          | 375                           | 1,065                        |
| Unrealised gains on AFS equity shares                                  | (63)                         | (84)                          | (108)                        |
| Cash flow hedging reserve  | (1,666)                      | (1,746)                       | (879)                        |
| Other adjustments for regulatory purposes                              | (198)                        | 895                           | 571                          |
| Goodwill and other intangible assets                                   | (13,545)                     | (14,798)                      | (14,858)                     |
| 50% excess of expected losses over impairment provisions (net of tax)  | (1,904)                      | (2,429)                       | (2,536)                      |
| 50% of securitisation positions  | (1,107)                      | (1,180)                       | (2,019)                      |
| 50% of APS first loss  | -                            | (1,926)                       | (2,763)                      |

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|   |          |          |          |
|---|----------|----------|----------|
|   | (16,469) | (20,242) | (24,161) |
| Core Tier 1 capital   | 47,320   | 48,100   | 46,341   |
| Other Tier 1 capital  |          |          |          |
| Preference shares - equity                                  | 4,313    | 4,313    | 4,313    |
| Preference shares - debt                                    | 1,054    | 1,055    | 1,094    |
| Innovative/hybrid Tier 1 securities                         | 4,125    | 4,065    | 4,667    |
|   | 9,492    | 9,433    | 10,074   |
| Tier 1 deductions   |          |          |          |
| 50% of material holdings                                    | (295)    | (242)    | (340)    |
| Tax on excess of expected losses over impairment provisions | 618      | 788      | 915      |
|   | 323      | 546      | 575      |
| Total Tier 1 capital  | 57,135   | 58,079   | 56,990   |

Risk and balance sheet management (continued)

Capital management: Capital resources: Components of capital (Basel 2.5) (continued)

|  | 31<br>December<br>2012<br>£m | 30<br>September<br>2012<br>£m | 31<br>December<br>2011<br>£m |
|--|------------------------------|-------------------------------|------------------------------|
| Qualifying Tier 2 capital                                |                              |                               |                              |
| Undated subordinated debt                                | 2,194                        | 2,245                         | 1,838                        |
| Dated subordinated debt - net of amortisation            | 13,420                       | 12,641                        | 14,527                       |
| Unrealised gains on AFS equity shares                    | 63                           | 84                            | 108                          |
| Collectively assessed impairment provisions              | 399                          | 500                           | 635                          |
| Non-controlling Tier 2 capital                           | -                            | 11                            | 11                           |
|  | 16,076                       | 15,481                        | 17,119                       |
| Tier 2 deductions  |                              |                               |                              |
| 50% of securitisation positions                          | (1,107)                      | (1,180)                       | (2,019)                      |
| 50% excess of expected losses over impairment provisions | (2,522)                      | (3,217)                       | (3,451)                      |
| 50% of material holdings                                 | (295)                        | (242)                         | (340)                        |
| 50% of APS first loss                                    | -                            | (1,926)                       | (2,763)                      |
|  | (3,924)                      | (6,565)                       | (8,573)                      |
| Total Tier 2 capital                                     | 12,152                       | 8,916                         | 8,546                        |
| Supervisory deductions                                   |                              |                               |                              |
| Unconsolidated investments                               |                              |                               |                              |
| - Direct Line Group                                      | (2,081)                      | (3,537)                       | (4,354)                      |
| - Other investments                                      | (162)                        | (144)                         | (239)                        |
| Other deductions   | (244)                        | (217)                         | (235)                        |

|                          |         |         |         |
|--------------------------|---------|---------|---------|
|                          | (2,487) | (3,898) | (4,828) |
| Total regulatory capital | 66,800  | 63,097  | 60,708  |

## Key points

- Core Tier 1 capital increased by £1 billion over 2012. Excluding APS, however, Core Tier 1 capital decreased by £1.8 billion.
- Attributable loss, net of fair value of own credit, of £2.6 billion was partially offset by lower Core Tier 1 deduction for securitisation positions of £1.1 billion, primarily relating to restructuring of monolines within Non-Core.

## Risk and balance sheet management (continued)

## Capital management: Capital resources (continued)

## Flow statement (Basel 2.5)

The table below analyses the movement in Core Tier 1, Other Tier 1 and Tier 2 capital during the year.

| Core Tier 1 capital  | £m      |
|--|---------|
| At 1 January 2012  | 46,341  |
| Attributable loss net of movements in fair value of own credit           | (2,647) |
| Ordinary shares issued   | 120     |
| Share capital and reserve movements in respect of employee share schemes | 821     |
| Foreign exchange reserve movements                                       | (867)   |
| Decrease in non-controlling interests                                    | (24)    |
| Decrease in capital deductions including APS first loss                  | 4,307   |
| Decrease in goodwill and intangibles                                     | 1,313   |
| Defined pension fund movement (net of prudential filter adjustment)      | (977)   |
| Other movements  | (1,067) |
| At 31 December 2012  | 47,320  |
| Other Tier 1 capital   |         |
| At 1 January 2012  | 10,649  |
| Foreign currency reserve movements                                       | (189)   |
| Decrease in Tier 1 deductions  | (252)   |
| Other movements  | (393)   |
| At 31 December 2012  | 9,815   |
| Tier 2 capital   |         |
| At 1 January 2012  | 8,546   |



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|   |         |
|---|---------|
| Dated subordinated debt issued                          | 4,167   |
| Dated subordinated debt redeemed/matured                | (3,582) |
| Foreign exchange movements                              | (643)   |
| Decrease in capital deductions including APS first loss | 4,649   |
| Other movements   | (985)   |
| At 31 December 2012                                     | 12,152  |
| Supervisory deductions                                  |         |
| At 1 January 2012                                       | (4,828) |
| Decrease in deductions                                  | 2,341   |
| At 31 December 2012                                     | (2,487) |
| Total regulatory capital                                | 66,800  |

Risk and balance sheet management (continued)

---

Capital management (continued)

Risk-weighted assets

Divisional analysis

Risk-weighted assets by risk category and division were as follows:

| 31 December 2012             | Credit risk             |                     | Market risk<br>£bn | Operational risk<br>£bn | Gross RWAs<br>£bn |
|------------------------------|-------------------------|---------------------|--------------------|-------------------------|-------------------|
|                              | Non-counterparty<br>£bn | Counterparty<br>£bn |                    |                         |                   |
| UK Retail                    | 37.9                    | -                   | -                  | 7.8                     | 45.7              |
| UK Corporate                 | 77.7                    | -                   | -                  | 8.6                     | 86.3              |
| Wealth                       | 10.3                    | -                   | 0.1                | 1.9                     | 12.3              |
| International Banking        | 46.7                    | -                   | -                  | 5.2                     | 51.9              |
| Ulster Bank                  | 33.6                    | 0.6                 | 0.2                | 1.7                     | 36.1              |
| US Retail & Commercial       | 50.8                    | 0.8                 | -                  | 4.9                     | 56.5              |
| Retail & Commercial          | 257.0                   | 1.4                 | 0.3                | 30.1                    | 288.8             |
| Markets                      | 14.0                    | 34.7                | 36.9               | 15.7                    | 101.3             |
| Other                        | 4.0                     | 0.4                 | -                  | 1.4                     | 5.8               |
| Core                         | 275.0                   | 36.5                | 37.2               | 47.2                    | 395.9             |
| Non-Core                     | 45.1                    | 11.5                | 5.4                | (1.6)                   | 60.4              |
| Group before RFS Holdings MI | 320.1                   | 48.0                | 42.6               | 45.6                    | 456.3             |
| RFS Holdings MI              | 3.1                     | -                   | -                  | 0.2                     | 3.3               |
| Group                        | 323.2                   | 48.0                | 42.6               | 45.8                    | 459.6             |

30 September 2012

|                              |        |       |      |       |        |
|------------------------------|--------|-------|------|-------|--------|
| UK Retail                    | 39.9   | -     | -    | 7.8   | 47.7   |
| UK Corporate                 | 73.5   | -     | -    | 8.6   | 82.1   |
| Wealth                       | 10.3   | -     | 0.1  | 1.9   | 12.3   |
| International Banking        | 44.5   | -     | -    | 5.2   | 49.7   |
| Ulster Bank                  | 32.4   | 0.9   | 0.1  | 1.7   | 35.1   |
| US Retail & Commercial       | 50.9   | 0.9   | -    | 4.9   | 56.7   |
| Retail & Commercial          | 251.5  | 1.8   | 0.2  | 30.1  | 283.6  |
| Markets                      | 15.4   | 35.3  | 41.6 | 15.7  | 108.0  |
| Other                        | 12.1   | 0.4   | -    | 1.4   | 13.9   |
| Core                         | 279.0  | 37.5  | 41.8 | 47.2  | 405.5  |
| Non-Core                     | 52.4   | 15.8  | 5.6  | (1.6) | 72.2   |
| Group before RFS Holdings MI | 331.4  | 53.3  | 47.4 | 45.6  | 477.7  |
| RFS Holdings MI              | 3.1    | -     | -    | 0.2   | 3.3    |
| Group                        | 334.5  | 53.3  | 47.4 | 45.8  | 481.0  |
| APS relief                   | (42.2) | (5.9) | -    | -     | (48.1) |
| Net RWAs                     | 292.3  | 47.4  | 47.4 | 45.8  | 432.9  |

Risk and balance sheet management (continued)

Capital management: Risk-weighted assets: Divisional analysis (continued)

| 31 December 2011             | Credit risk             |                     | Market risk<br>£bn | Operational risk<br>£bn | Gross RWAs<br>£bn |
|------------------------------|-------------------------|---------------------|--------------------|-------------------------|-------------------|
|                              | Non-counterparty<br>£bn | Counterparty<br>£bn |                    |                         |                   |
| UK Retail                    | 41.1                    | -                   | -                  | 7.3                     | 48.4              |
| UK Corporate                 | 71.2                    | -                   | -                  | 8.1                     | 79.3              |
| Wealth                       | 10.9                    | -                   | 0.1                | 1.9                     | 12.9              |
| International Banking        | 38.9                    | -                   | -                  | 4.3                     | 43.2              |
| Ulster Bank                  | 33.6                    | 0.6                 | 0.3                | 1.8                     | 36.3              |
| US Retail & Commercial       | 53.6                    | 1.0                 | -                  | 4.7                     | 59.3              |
| Retail & Commercial          | 249.3                   | 1.6                 | 0.4                | 28.1                    | 279.4             |
| Markets                      | 16.7                    | 39.9                | 50.6               | 13.1                    | 120.3             |
| Other                        | 9.8                     | 0.2                 | -                  | 2.0                     | 12.0              |
| Core                         | 275.8                   | 41.7                | 51.0               | 43.2                    | 411.7             |
| Non-Core                     | 65.6                    | 20.2                | 13.0               | (5.5)                   | 93.3              |
| Group before RFS Holdings MI | 341.4                   | 61.9                | 64.0               | 37.7                    | 505.0             |
| RFS Holdings MI              | 2.9                     | -                   | -                  | 0.2                     | 3.1               |

|            |        |       |      |      |        |
|------------|--------|-------|------|------|--------|
| Group      | 344.3  | 61.9  | 64.0 | 37.9 | 508.1  |
| APS relief | (59.6) | (9.5) | -    | -    | (69.1) |
| Net RWAs   | 284.7  | 52.4  | 64.0 | 37.9 | 439.0  |

#### Risk and balance sheet management (continued)

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#### Capital management: Risk-weighted assets (continued)

#### Flow statement

The table below analyses movement in credit risk, market risk and operational risk RWAs by key drivers during the year.

|                                   | Credit risk      |              | Market | Operational | Gross  |
|-----------------------------------|------------------|--------------|--------|-------------|--------|
|                                   | Non-counterparty | Counterparty | risk   | Risk        | RWAs   |
|                                   | £bn              | £bn          | £bn    | £bn         | £bn    |
| At 1 January 2012                 | 344.3            | 61.9         | 64.0   | 37.9        | 508.1  |
| Business and market movements (1) | (46.0)           | (20.4)       | (16.3) | 7.9         | (74.8) |
| Disposals                         | (7.3)            | (3.8)        | (6.5)  | -           | (17.6) |
| Model changes (2)                 | 32.2             | 10.3         | 1.4    | -           | 43.9   |
| At 31 December 2012               | 323.2            | 48.0         | 42.6   | 45.8        | 459.6  |

#### Notes:

(1) Represents changes in book size, composition, position changes and market movements.

(2) Refers to implementation of a new model or modification of an existing model after approval from the FSA and changes in model scope.

#### Key points

- The £75 billion decrease due to business and market movements is driven by:
  - Market risk and counterparty risk decreased by £16 billion and £20 billion, respectively, due to reshaping the business risk profile;
  - Run-off of balances in Non-Core;
  - Declines in Retail and Commercial due to loans migrating into default and customer deleveraging; and
  - Reduction in credit risk in the Group liquidity portfolio as European peripheral exposures were sold.
- The increase in Operational risk follows the recalibration based on the average of the previous three years financial results. The substantial losses recorded in 2008 no longer feature in the calculation.

Disposals of £18 billion relate to Non-Core, including RBS Aviation Capital and exposures relating to credit derivative product companies, monolines and other counterparties.

· Model changes of £44 billion reflect:

Changes to credit metrics applying to corporate, bank and sovereign exposures as models were updated to reflect more recent experience: £30 billion; and

Application of slotting approach to UK commercial real estate exposures: £12 billion.

Risk and balance sheet management (continued)

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Capital management (continued)

Looking forward

Basel III

The rules issued by the Basel Committee on Banking Supervision (BCBS), commonly referred to as Basel III, are a comprehensive set of reforms designed to strengthen the regulation, supervision, risk and liquidity management of the banking sector.

In December 2010, the BCBS issued the final text of the Basel III rules, providing details of the global standards agreed by the Group of Governors and Heads of Supervision, the oversight body of the BCBS and endorsed by the G20 leaders at their November 2010 Seoul summit.

The new capital requirements regulation and capital requirements directive that implement Basel III proposals within the European Union (EU) (collectively known as CRD IV) are in two parts, Capital Requirements Directive (CRD) and the Capital Requirements Regulation. Further technical detail will be provided by the European Banking Authority through its Implementing Technical Standards and Regulatory Technical Standards.

The CRD IV has not yet been finalised and consequently the Basel III implementation date of 1 January 2013 has been missed. While it is anticipated that agreement of the CRD IV will be achieved during 2013, the implementation date remains uncertain.

CRD IV and Basel III will impose a minimum common equity Tier 1 (CET1) ratio of 4.5% of RWAs. There are three buffers which will affect the Group: the capital conservation buffer(1); the counter-cyclical capital buffer(2) (up to 2.5% of RWAs), to be applied when macro-economic conditions indicate areas of the economy are over-heating; and the Global-Systemically Important Bank (G-SIB) buffer(3), leading to an additional common equity Tier 1 requirement of 4% and a total common equity Tier 1 ratio of 8.5%. The regulatory target capital requirements will be phased in and are expected to apply in full from 1 January 2019.

Notes:

(1) The capital conservation buffer is set at 2.5% of RWAs and is intended to be available in periods of stress. Drawing on the buffer would lead to a corresponding reduction in the ability to make discretionary payments such as dividends and variable compensation.

- (2) The counter-cyclical buffer is institution specific and depends on the Group's geographical footprint and the macroeconomic conditions pertaining in the individual countries in which the Group operates. As there is a time lag involved in determining this ratio, it has been assumed that it will be zero for the time being.
- (3) The G-SIB buffer is dependent on the regulatory assessment of the Group. The Group has been provisionally assessed as requiring additional CET1 of 1.5% in the list published by the Financial Stability Board (FSB) on 1 November 2012. The FSB list is updated annually. The actual requirement will be phased in from 2016, initially for those banks identified (in the list) as G-SIBs in November 2014.

Risk and balance sheet management (continued)

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Capital management: Looking forward: Basel III (continued)

The changes in the definition of regulatory capital under CRD IV and the capital ratios will be subject to transitional rules:

The increase in the minimum capital ratios and the new buffer requirements will be phased in over the five years from implementation of the CRD IV;

The application of the regulatory deductions and adjustments at the level of common equity, including the new deduction for deferred tax assets, will also be phased in over the five years from implementation; the current adjustment for unrealised gains and losses on available-for-sale securities will be phased out; and

Subordinated debt instruments which do not meet the new eligibility criteria will be grandfathered on a reducing basis over ten years.

The Group is well advanced in its preparations to comply with the new requirements based on the draft rules. Given the phasing of both capital requirements and target levels, in advance of needing to comply with the fully loaded end state requirements, the Group will have the opportunity to continue to generate additional capital from earnings and take management actions to mitigate the impact of CRD IV.

The Group's pro forma Core Tier 1 ratio on a fully loaded basis at 31 December 2012, based on its interpretation of the rules and assuming they were applied today, is estimated at 7.7%(1). The pro forma capital ratio reflects the Group's interpretation of the draft July 2011 CRD IV rules and how these rules are expected to be updated for subsequent EU and Basel pronouncements.

The actual impact of CRD IV on capital ratios may be materially different as the requirements and related technical standards have not yet been finalised and will ultimately be subject to application by local regulators. The actual impact will also be dependent on required regulatory approvals and the extent to which further management action is taken prior to implementation.

Note:

(1)

Based on the following principal assumptions: (i) divestment of Direct Line Group (ii) deductions for financial holdings of less than 10% of common equity Tier 1 capital have been excluded pending the finalisation of CRD IV rules (iii) RWA uplifts assume approval of all regulatory models and completion of planned management actions (iv) RWA uplifts include the impact of credit valuation adjustments (CVA), and asset valuation correlation on banks and central clearing counterparties (CCPs) (v) EU corporates, pension funds and sovereigns are assumed to be exempt from CVA volatility charge in calculating RWA impacts.

Risk and balance sheet management (continued)

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Capital management: Looking forward: Basel III (continued)

Model changes

The Group, in conjunction with the FSA, regularly evaluates its models for the assessment of RWAs ascribed to credit risk (including counterparty risk) across various classes. This includes implementing changes to the RWA requirements for commercial real estate portfolios consistent with revised industry guidance from the FSA. The changes to RWA resulting from model changes during 2012 have increased RWA requirements by £44 billion of which £12 billion relates to property guidance. Further uplifts are expected in 2013 totalling c.£10 billion to £15 billion.

Other regulatory capital changes

The Group is managing the changes to capital requirements from new regulation and model changes and the resulting impact on the common equity Tier 1 ratio by focusing on risk reduction and deleveraging. This is principally being achieved through the continued run-off and disposal of Non-Core assets and deleveraging in Markets, as the business focuses on the most productive returns on capital. Markets RWAs decreased by £20 billion in 2012 which also lessens the increases driven by the counterparty risk changes in CRD IV.

European Banking Authority (EBA) recommendation

The EBA issued a recommendation in 2011 that the national regulators should ensure that credit institutions build up a temporary capital buffer to reach a 9% Core Tier 1 ratio by 30 June 2012 ('the recapitalisation of EU banks'). In its final report on the recapitalisation exercise in October 2012, the EBA stated that once the CRD IV is finally adopted, the 2011 recommendation would be replaced with a new recommendation. The new recommendation will include the requirement for banks to maintain a nominal amount of Core Tier 1 capital as defined by the EBA for the 2011 stress test and recapitalisation recommendation) corresponding to the amount of 9% of the RWAs at 30 June 2012. The Group does not expect the potential floor to become a limiting factor.

Risk and balance sheet management (continued)

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Liquidity, funding and related risks

|   |     |
|---|-----|
| 2012 achievements and looking forward             | 165 |
| Funding sources                                   | 166 |
| - Notes issued                                    | 167 |
| - Deposit and repo funding                        | 168 |
| - Divisional loan:deposit ratios and funding gaps | 168 |
| - Long-term debt issuance                         | 170 |
| Liquidity   | 170 |
| - Liquidity portfolio                             | 170 |
| - Stressed outflow coverage                       | 172 |
| Basel III liquidity ratios                        | 172 |

|   |     |
|---|-----|
| - Liquidity coverage ratios             | 172 |
| - Net stable funding ratio              | 173 |
| Maturity analysis                       | 174 |
| Encumbrance                             | 174 |
| Non-traded interest rate risk           | 176 |
| - Introduction and methodology          | 176 |
| - Value-at-risk                         | 177 |
| - Sensitivity of net interest income    | 178 |
| Currency risk                           | 179 |
| - Structural foreign currency exposures | 179 |

Risk and balance sheet management (continued)

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Liquidity, funding and related risks

Liquidity risk is the risk that the Group is unable to meet its financial obligations, including financing wholesale maturities or customer deposit withdrawals, as and when they fall due. Liquidity risk is highly dependent on company specific characteristics such as the maturity profile and composition of the Group's assets and liabilities, the quality and marketable value of its liquidity buffer and broader market factors, such as wholesale funding market conditions alongside depositor and investor behaviour.

Safety and soundness of the balance sheet is one of the central pillars of the Group's restructuring strategy. Effective management of liquidity risk is central to the safety and soundness agenda. The Group's experiences in 2008 have heavily influenced both the Group's and other stakeholders' approach to this area.

2012 achievements and looking forward

The Group continued to make solid progress in pursuit of its safety and soundness agenda throughout 2012, with the majority of its medium-term balance sheet targets now met or exceeded. This is despite particularly volatile wholesale market conditions during most of the year due to ongoing stresses emanating from the eurozone.

The Group has actively reduced short-term wholesale funding and has a lower wholesale funding need compared to earlier years. Progress has largely been due to the continued success in executing the Group's restructuring efforts, as well as by attracting deposits and continuing to deleverage via the run down of Non-Core and risk reductions in Markets. The Group has a smaller balance sheet that is funded by a diverse and stable deposit base.

The Group is expected to have a lower wholesale funding requirement going forward. The Group will continue to look at accessing the market opportunistically from time to time to further support the Group's overall funding strategy.

Highlights of 2012 include:

- The Group's credit profile improved markedly during the year reflecting the success of its restructuring efforts. Credit default swaps spreads fell by 60% from their 2011 peak and secondary bond spreads on five year maturity have narrowed from c.450 basis points to c.100 basis points.
- The Group repaid all the remaining emergency UK Government funding and liquidity support that was provided to it during 2008-2009 under the Credit Guarantee Scheme and Special Liquidity Scheme.
- The Group resumed coupon payments on hybrid capital securities following the end of the two year coupon payment ban imposed by the European Commission as part of its 2009 State Aid ruling. Coupons remain suspended on Tier 1 instruments issued by RBS Holdings N.V. until the end of April 2013.

- The Group and RBS plc issued a combined £1.0 billion in term debt net of buy-backs, a fraction of the £20.9 billion issued in 2011. Short-term wholesale funding was actively managed down to £41.6 billion from £102.4 billion.

#### Risk and balance sheet management (continued)

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#### Liquidity, funding and related risks: 2012 achievements and looking forward (continued)

- The overall size of the liquidity buffer reduced modestly to £147.2 billion from £155.3 billion reflecting the lower levels of short-term wholesale funding and a smaller balance sheet. This also allowed the Group to alter the ratio of primary to secondary liquid assets within the liquidity buffer to 62%:38% from 77%:23%. This re-weighting, by reducing the holdings of the lowest yielding liquid assets, benefited the Group's net interest margin, whilst maintaining a higher quality buffer.
- Retail & Commercial deposits grew by £8 billion to £401 billion, with particularly strong growth in UK Retail following successful savings campaigns. Wholesale deposits were allowed to run-off, declining by £11 billion to leave Group deposits £3 billion lower at £434 billion.
- The Group's loan:deposit ratio improved from 108% in 2011 to reach management's medium-term target of 100% at 31 December 2012, with lending fully funded by customer deposits and a corresponding reduction in more volatile short-term wholesale funding.
- The Group has taken advantage of market conditions through the course of the year to further supplement its capital base.
- RBS Group plc, RBS plc, RBS Citizens Financial Group Inc. and Direct Line Insurance Group plc in aggregate issued £4.8 billion of subordinated liabilities in 2012.
- The Group successfully undertook two public liability management exercises targeting Lower Tier 2 and senior unsecured debt in support of ongoing balance sheet restructuring initiatives.

#### Funding sources

The table below shows the Group's principal funding sources excluding repurchase agreements.

|  | 31<br>December<br>2012<br>£m | 30<br>September<br>2012<br>£m | 31<br>December<br>2011<br>£m |
|--|------------------------------|-------------------------------|------------------------------|
| Deposits by banks                            |                              |                               |                              |
| derivative cash collateral                   | 28,585                       | 28,695                        | 31,807                       |
| other deposits                               | 28,489                       | 29,433                        | 37,307                       |
|  | 57,074                       | 58,128                        | 69,114                       |
| Debt securities in issue                     |                              |                               |                              |
| conduit asset-backed commercial paper (ABCP) | -                            | 2,909                         | 11,164                       |
| other commercial paper (CP)                  | 2,873                        | 2,829                         | 5,310                        |



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|                               |         |         |         |
|-------------------------------|---------|---------|---------|
| certificates of deposit (CDs) | 2,996   | 6,696   | 16,367  |
| medium-term notes (MTNs)      | 66,603  | 70,417  | 105,709 |
| covered bonds                 | 10,139  | 9,903   | 9,107   |
| securitisations               | 11,981  | 11,403  | 14,964  |
|                               | 94,592  | 104,157 | 162,621 |
| Subordinated liabilities      | 27,302  | 25,309  | 26,319  |
| Notes issued                  | 121,894 | 129,466 | 188,940 |
| Wholesale funding             | 178,968 | 187,594 | 258,054 |
| Customer deposits             |         |         |         |
| cash collateral               | 7,949   | 9,642   | 9,242   |
| other deposits                | 426,043 | 425,238 | 427,511 |
| Total customer deposits       | 433,992 | 434,880 | 436,753 |
| Total funding                 | 612,960 | 622,474 | 694,807 |

Risk and balance sheet management (continued)

Liquidity, funding and related risks: Funding sources (continued)

The table below shows the Group's wholesale funding by source.

|                   | Short-term wholesale funding (1)       |  | Total wholesale funding                |  | Net inter-bank funding (2) |                             |                               |
|-------------------|--|--|--|--|----------------------------|-----------------------------|-------------------------------|
|                   | Excluding derivative collateral<br>£bn | Including derivative collateral<br>£bn | Excluding derivative collateral<br>£bn | Including derivative collateral<br>£bn | Deposits<br>£bn            | Loans inter-bank (3)<br>£bn | Net inter-bank funding<br>£bn |
| 31 December 2012  | 41.6                                   | 70.2                                   | 150.4                                  | 179.0                                  | 28.5                       | (18.6)                      | 9.9                           |
| 30 September 2012 | 48.5                                   | 77.2                                   | 158.9                                  | 187.6                                  | 29.4                       | (20.2)                      | 9.2                           |
| 30 June 2012      | 62.3                                   | 94.3                                   | 181.1                                  | 213.1                                  | 35.6                       | (22.3)                      | 13.3                          |
| 31 March 2012     | 79.7                                   | 109.1                                  | 204.9                                  | 234.3                                  | 36.4                       | (19.7)                      | 16.7                          |
| 31 December 2011  | 102.4                                  | 134.2                                  | 226.2                                  | 258.1                                  | 37.3                       | (24.3)                      | 13.0                          |

Notes:

- (1) Short-term wholesale balances denote those with a residual maturity of less than one year and include longer-term issuances.
- (2) Excludes derivative collateral.
- (3) Primarily short-term balances.

Notes issued

The table below shows the Group's debt securities in issue and subordinated liabilities by residual maturity.

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|                      | Debt securities in issue |                        |         |                  |                      |         | Total<br>Subordinated<br>liabilities | Total<br>notes<br>issued | Total<br>notes<br>issued |
|----------------------|--------------------------|------------------------|---------|------------------|----------------------|---------|--------------------------------------|--------------------------|--------------------------|
|                      | Conduit<br>ABCP          | Other<br>CP and<br>CDs | MTNs    | Covered<br>bonds | Securit-<br>isations | Total   |                                      |                          |                          |
| 31 December<br>2012  | £m                       | £m                     | £m      | £m               | £m                   | £m      | £m                                   | £m                       | %                        |
| Less than 1<br>year  | -                        | 5,478                  | 13,019  | 1,038            | 761                  | 20,296  | 2,351                                | 22,647                   | 18                       |
| 1-3 years            | -                        | 385                    | 20,267  | 2,948            | 540                  | 24,140  | 7,252                                | 31,392                   | 26                       |
| 3-5 years            | -                        | 1                      | 13,374  | 2,380            | -                    | 15,755  | 756                                  | 16,511                   | 14                       |
| More than 5<br>years | -                        | 5                      | 19,943  | 3,773            | 10,680               | 34,401  | 16,943                               | 51,344                   | 42                       |
|                      | -                        | 5,869                  | 66,603  | 10,139           | 11,981               | 94,592  | 27,302                               | 121,894                  | 100                      |
| 30 September<br>2012 |                          |                        |         |                  |                      |         |                                      |                          |                          |
| Less than 1<br>year  | 2,909                    | 9,079                  | 13,466  | 1,009            | 15                   | 26,478  | 1,632                                | 28,110                   | 22                       |
| 1-3 years            | -                        | 441                    | 22,477  | 2,865            | 1,243                | 27,026  | 5,693                                | 32,719                   | 25                       |
| 3-5 years            | -                        | 1                      | 13,221  | 2,323            | -                    | 15,545  | 2,272                                | 17,817                   | 14                       |
| More than 5<br>years | -                        | 4                      | 21,253  | 3,706            | 10,145               | 35,108  | 15,712                               | 50,820                   | 39                       |
|                      | 2,909                    | 9,525                  | 70,417  | 9,903            | 11,403               | 104,157 | 25,309                               | 129,466                  | 100                      |
| 31 December<br>2011  |                          |                        |         |                  |                      |         |                                      |                          |                          |
| Less than 1<br>year  | 11,164                   | 21,396                 | 36,302  | -                | 27                   | 68,889  | 624                                  | 69,513                   | 37                       |
| 1-3 years            | -                        | 278                    | 26,595  | 2,760            | 479                  | 30,112  | 3,338                                | 33,450                   | 18                       |
| 3-5 years            | -                        | 2                      | 16,627  | 3,673            | -                    | 20,302  | 7,232                                | 27,534                   | 14                       |
| More than 5<br>years | -                        | 1                      | 26,185  | 2,674            | 14,458               | 43,318  | 15,125                               | 58,443                   | 31                       |
|                      | 11,164                   | 21,677                 | 105,709 | 9,107            | 14,964               | 162,621 | 26,319                               | 188,940                  | 100                      |

Risk and balance sheet management (continued)

Liquidity, funding and related risks: Funding sources (continued)

Deposit and repo funding

The table below shows the composition of the Group's deposits excluding repos and repo funding.

31 December 2012

31 December 2011

30 September  
2012

|                                 | Deposits<br>£m | Repos<br>£m | Deposits<br>£m | Repos<br>£m | Deposits<br>£m | Repos<br>£m |
|---------------------------------|----------------|-------------|----------------|-------------|----------------|-------------|
| Financial institutions          |                |             |                |             |                |             |
| - central and other banks       | 57,074         | 44,332      | 58,128         | 49,222      | 69,114         | 39,691      |
| - other financial institutions  | 64,237         | 86,968      | 69,697         | 92,321      | 66,009         | 86,032      |
| Personal and corporate deposits | 369,755        | 1,072       | 365,183        | 1,022       | 370,744        | 2,780       |
|                                 | 491,066        | 132,372     | 493,008        | 142,565     | 505,867        | 128,503     |

£173 billion or 40% of the customer deposits included above are insured through the UK Financial Services Compensation Scheme, US Federal Deposit Insurance Corporation Scheme and other similar schemes. Of the personal and corporate deposits above, 42% related to personal customers and 58% to corporate customers.

#### Divisional loan:deposit ratios and funding gaps

The table below shows divisional loans, deposits, loan:deposit ratios (LDR) and customer funding gaps.

| 31 December 2012          | Loans (1)<br>£m | Deposits<br>(2)<br>£m | LDR (3)<br>% | Funding<br>surplus/<br>(gap) (3)<br>£m |
|---------------------------|-----------------|-----------------------|--------------|--|
| UK Retail                 | 110,970         | 107,633               | 103          | (3,337)                                |
| UK Corporate              | 104,593         | 127,070               | 82           | 22,477                                 |
| Wealth                    | 16,965          | 38,910                | 44           | 21,945                                 |
| International Banking (4) | 39,500          | 46,172                | 86           | 6,672                                  |
| Ulster Bank               | 28,742          | 22,059                | 130          | (6,683)                                |
| US Retail & Commercial    | 50,726          | 59,164                | 86           | 8,438                                  |
| Conduits (4)              | 2,458           | -                     | -            | (2,458)                                |
| Retail & Commercial       | 353,954         | 401,008               | 88           | 47,054                                 |
| Markets                   | 29,589          | 26,346                | 112          | (3,243)                                |
| Other                     | 3,264           | 3,340                 | 98           | 76                                     |
| Core                      | 386,807         | 430,694               | 90           | 43,887                                 |
| Non-Core                  | 45,144          | 3,298                 | nm           | (41,846)                               |
| Group                     | 431,951         | 433,992               | 100          | 2,041                                  |

nm = not meaningful

For the notes to this table refer to the following page.

Risk and balance sheet management (continued)

Liquidity, funding and related risks: Funding sources (continued)

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|                           | Loans (1) | Deposits<br>(2) | LDR (3) | Funding<br>surplus/<br>(gap) (3) |
|---------------------------|-----------|-----------------|---------|----------------------------------|
| 30 September 2012         | £m        | £m              | %       | £m                               |
| UK Retail                 | 110,267   | 105,984         | 104     | (4,283)                          |
| UK Corporate              | 105,952   | 126,780         | 84      | 20,828                           |
| Wealth                    | 16,919    | 38,692          | 44      | 21,773                           |
| International Banking (4) | 42,154    | 41,668          | 101     | (486)                            |
| Ulster Bank               | 28,615    | 20,278          | 141     | (8,337)                          |
| US Retail & Commercial    | 50,116    | 59,817          | 84      | 9,701                            |
| Conduits (4)              | 4,588     | -               | -       | (4,588)                          |
| Retail & Commercial       | 358,611   | 393,219         | 91      | 34,608                           |
| Markets                   | 29,324    | 34,348          | 85      | 5,024                            |
| Other                     | 3,274     | 3,388           | 97      | 114                              |
| Core                      | 391,209   | 430,955         | 91      | 39,746                           |
| Non-Core                  | 51,355    | 3,925           | nm      | (47,430)                         |
| Group                     | 442,564   | 434,880         | 102     | (7,684)                          |

31 December 2011

|                             |         |         |     |          |
|-----------------------------|---------|---------|-----|----------|
| UK Retail                   | 107,983 | 101,878 | 106 | (6,105)  |
| UK Corporate                | 108,668 | 126,309 | 86  | 17,641   |
| Wealth                      | 16,834  | 38,164  | 44  | 21,330   |
| International Banking (4)   | 46,417  | 45,051  | 103 | (1,366)  |
| Ulster Bank                 | 31,303  | 21,814  | 143 | (9,489)  |
| US Retail & Commercial      | 50,842  | 59,984  | 85  | 9,142    |
| Conduits (4)                | 10,504  | -       | -   | (10,504) |
| Retail & Commercial         | 372,551 | 393,200 | 95  | 20,649   |
| Markets                     | 31,254  | 36,776  | 85  | 5,522    |
| Direct Line Group and other | 1,196   | 2,496   | 48  | 1,300    |
| Core                        | 405,001 | 432,472 | 94  | 27,471   |
| Non-Core                    | 68,516  | 4,281   | nm  | (64,235) |
| Group                       | 473,517 | 436,753 | 108 | (36,764) |

nm = not meaningful

Notes:

- (1) Excludes reverse repurchase agreements and stock borrowing and net of impairment provisions.
- (2) Excludes repurchase agreements and stock lending.
- (3) Based on loans and advances to customers net of provisions and customer deposits as shown.
- (4) All conduits relate to International Banking and have been extracted and shown separately as they were funded commercial paper issuance until the end of Q3 2012.

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks: Funding sources (continued)

## Long-term debt issuance

The table below shows debt securities issued by the Group during the year with an original maturity of one year or more. The Group also executes other long-term funding arrangements (predominantly term repurchase agreements) which are not reflected in the following table.

|                | Year ended                   |                              | Quarter ended                |                               |                          |                           |
|----------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------|---------------------------|
|                | 31<br>December<br>2012<br>£m | 31<br>December<br>2011<br>£m | 31<br>December<br>2012<br>£m | 30<br>September<br>2012<br>£m | 30<br>June<br>2012<br>£m | 31<br>March<br>2012<br>£m |
| <b>Public</b>  |                              |                              |                              |                               |                          |                           |
| - unsecured    | 1,237                        | 5,085                        | -                            | 1,237                         | -                        | -                         |
| - secured      | 2,127                        | 9,807                        | 343                          | -                             | -                        | 1,784                     |
| <b>Private</b> |                              |                              |                              |                               |                          |                           |
| - unsecured    | 4,997                        | 12,414                       | 781                          | 1,631                         | 909                      | 1,676                     |
| - secured      | -                            | 500                          | -                            | -                             | -                        | -                         |
| Gross issuance | 8,361                        | 27,806                       | 1,124                        | 2,868                         | 909                      | 3,460                     |
| Buy-backs (1)  | (7,355)                      | (6,892)                      | (2,283)                      | (2,213)                       | (1,730)                  | (1,129)                   |
| Net issuance   | 1,006                        | 20,914                       | (1,159)                      | 655                           | (821)                    | 2,331                     |

Note:

(1) Excludes liability management exercises.

## Liquidity

## Liquidity portfolio

The table below analyses the Group's liquidity portfolio by product and between the UK Defined Liquidity Group (UK DLG), RBS Citizens Financial Group Inc. (CFG) and other subsidiaries, by liquidity value. Liquidity value is lower than carrying value principally as it is stated after the discounts applied by the Bank of England and other central banks to loans, within secondary liquidity portfolio, eligible for discounting.

|                                    | Liquidity value     |           |             |             | Average       |            |
|------------------------------------|---------------------|-----------|-------------|-------------|---------------|------------|
|                                    | UK<br>DLG (1)<br>£m | CFG<br>£m | Other<br>£m | Total<br>£m | Quarter<br>£m | Year<br>£m |
| 31 December 2012                   |                     |           |             |             |               |            |
| Cash and balances at central banks | 64,822              | 891       | 4,396       | 70,109      | 74,794        | 81,768     |

|   |         |        |       |         |         |         |
|---|---------|--------|-------|---------|---------|---------|
| Central and local government bonds            |         |        |       |         |         |         |
| AAA rated governments and US agencies         | 3,984   | 5,354  | 547   | 9,885   | 14,959  | 18,832  |
| AA- to AA+ rated governments (2)              | 9,189   | -      | 432   | 9,621   | 8,232   | 9,300   |
| governments rated below AA                    | -       | -      | 206   | 206     | 438     | 596     |
| local government                              | -       | -      | 979   | 979     | 989     | 2,244   |
|   | 13,173  | 5,354  | 2,164 | 20,691  | 24,618  | 30,972  |
| Treasury bills                                | 750     | -      | -     | 750     | 750     | 202     |
| Primary liquidity                             | 78,745  | 6,245  | 6,560 | 91,550  | 100,162 | 112,942 |
| Other assets (3)                              |         |        |       |         |         |         |
| AAA rated                                     | 3,396   | 7,373  | 203   | 10,972  | 9,874   | 17,304  |
| below AAA rated and other high quality assets | 44,090  | -      | 557   | 44,647  | 41,027  | 24,674  |
| Secondary liquidity                           | 47,486  | 7,373  | 760   | 55,619  | 50,901  | 41,978  |
| Total liquidity portfolio                     | 126,231 | 13,618 | 7,320 | 147,169 | 151,063 | 154,920 |
| Carrying value                                | 157,574 | 20,524 | 9,844 | 187,942 |         |         |

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks: Liquidity (continued)

|                                       | Liquidity value     |            |             |             |               |            |
|---------------------------------------|---------------------|------------|-------------|-------------|---------------|------------|
|                                       | UK<br>DLG (1)<br>£m | Period end |             |             | Average       |            |
|                                       |                     | CFG<br>£m  | Other<br>£m | Total<br>£m | Quarter<br>£m | Year<br>£m |
| 30 September 2012                     |                     |            |             |             |               |            |
| Cash and balances at central banks    | 64,062              | 3,066      | 5,435       | 72,563      | 72,734        | 84,093     |
| Central and local government bonds    |                     |            |             |             |               |            |
| AAA rated governments and US agencies | 10,420              | 8,680      | 676         | 19,776      | 21,612        | 20,123     |
| AA- to AA+ rated governments (2)      | 7,135               | -          | 258         | 7,393       | 9,727         | 9,656      |
| governments rated below AA            | -                   | -          | 647         | 647         | 549           | 649        |
| local government                      | -                   | -          | 988         | 988         | 1,523         | 2,663      |
|                                       | 17,555              | 8,680      | 2,569       | 28,804      | 33,411        | 33,091     |
| Treasury bills                        | 750                 | -          | -           | 750         | 54            | 19         |
| Primary liquidity                     | 82,367              | 11,746     | 8,004       | 102,117     | 106,199       | 117,203    |

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|   |         |        |        |         |         |         |
|---|---------|--------|--------|---------|---------|---------|
| Other assets (3)                              |         |        |        |         |         |         |
| AAA rated                                     | 3,381   | 5,446  | -      | 8,827   | 10,365  | 19,781  |
| below AAA rated and other high quality assets | 34,831  | -      | 836    | 35,667  | 33,738  | 19,223  |
| Secondary liquidity                           | 38,212  | 5,446  | 836    | 44,494  | 44,103  | 39,004  |
| Total liquidity portfolio                     | 120,579 | 17,192 | 8,840  | 146,611 | 150,302 | 156,207 |
| Carrying value                                | 143,612 | 26,234 | 11,051 | 180,897 |         |         |

31 December 2011

|   |         |        |        |         |         |         |
|---|---------|--------|--------|---------|---------|---------|
| Cash and balances at central banks            | 55,100  | 1,406  | 13,426 | 69,932  | 89,377  | 74,711  |
| Central and local government bonds            |         |        |        |         |         |         |
| AAA rated governments and US agencies         | 22,563  | 7,044  | 25     | 29,632  | 30,421  | 37,947  |
| AA- to AA+ rated governments (2)              | 14,102  | -      | -      | 14,102  | 5,056   | 3,074   |
| governments rated below AA                    | -       | -      | 955    | 955     | 1,011   | 925     |
| local government                              | -       | -      | 4,302  | 4,302   | 4,517   | 4,779   |
|   | 36,665  | 7,044  | 5,282  | 48,991  | 41,005  | 46,725  |
| Treasury bills                                | -       | -      | -      | -       | 444     | 5,937   |
| Primary liquidity                             | 91,765  | 8,450  | 18,708 | 118,923 | 130,826 | 127,373 |
| Other assets (3)                              |         |        |        |         |         |         |
| AAA rated                                     | 17,216  | 4,718  | 3,268  | 25,202  | 25,083  | 21,973  |
| below AAA rated and other high quality assets | 6,105   | -      | 5,100  | 11,205  | 11,400  | 12,102  |
| Secondary liquidity                           | 23,321  | 4,718  | 8,368  | 36,407  | 36,483  | 34,075  |
| Total liquidity portfolio                     | 115,086 | 13,168 | 27,076 | 155,330 | 167,309 | 161,448 |
| Carrying value                                | 135,754 | 25,624 | 32,117 | 193,495 |         |         |

Notes:

(1) The FSA regulated UK Defined Liquidity Group (UK DLG) comprises the Group's five UK banks: The Royal Bank of Scotland plc, National Westminster Bank Plc, Ulster Bank Limited, Coutts & Co and Adam & Co. In addition, certain of the Group's significant operating subsidiaries - RBS N.V., RBS Citizens Financial Group Inc. (CFG) and Ulster Bank Ireland Limited (UBIL) - hold locally managed portfolios of liquid assets that comply with local regulations that may differ from FSA rules.

(2) Includes US government guaranteed and US government sponsored agencies.

(3) Includes assets eligible for discounting at the Bank of England and other central banks.

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks: Liquidity (continued)

## Stressed outflow coverage

The Group's liquidity risk appetite is measured by reference to the liquidity buffer as a percentage of stressed contractual and behavioural outflows under the worst of three severe stress scenarios as envisaged under the FSA regime. Liquidity risk is expressed as a surplus of liquid assets over three months' stressed outflows under the worst of a market-wide stress, an idiosyncratic stress and a combination of both. At 31 December 2012, the Group's liquidity buffer was 128% of the worst case stress requirements.

## Basel III liquidity ratios

## Liquidity coverage ratios

In January 2013, the Basel Committee on Banking Supervision issued its revised draft guidance for calculating the liquidity coverage ratio (LCR), which is currently expected to come into force from 1 January 2015 on a phased basis. Pending the finalisation of the definitions, the Group monitors the LCR and the net stable funding ratio (NSFR) in its internal reporting framework based on its interpretation and expectation of the final rules. On this basis, as of 31 December 2012, the Group's LCR was over 100% and the NSFR 117%.

At present there is a broad range of interpretations on how to calculate the NSFR and, especially, the LCR due to the lack of a commonly agreed market standard. There are also inconsistencies between the current regulatory approach of the FSA and that being proposed in the LCR with respect to the treatment of unencumbered assets that could be pledged to central banks via a discount window facility. This makes meaningful comparisons of the LCR between institutions difficult. The Group will continue to work with regulators and industry groups to measure and report the impact of the rules as they are finalised. Assumptions will be refined as regulatory interpretations evolve.

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks: Basel III liquidity ratio (continued)

## Net stable funding ratio

The table below shows the composition of the Group's NSFR, estimated by applying the Basel III guidance issued in December 2010. The Group's NSFR will also continue to be refined over time in line with regulatory developments and related interpretations. It may also be calculated on a basis that may differ from other financial institutions.

|                            | 31 December<br>2012 |                | 30 September<br>2012 |                | 31 December<br>2011 |                | Weighting<br>% |
|----------------------------|---------------------|----------------|----------------------|----------------|---------------------|----------------|----------------|
|                            | ASF (1)<br>£bn      | ASF (1)<br>£bn | ASF (1)<br>£bn       | ASF (1)<br>£bn | ASF (1)<br>£bn      | ASF (1)<br>£bn |                |
| Equity                     | 70                  | 70             | 74                   | 74             | 76                  | 76             | 100            |
| Wholesale funding > 1 year | 109                 | 109            | 111                  | 111            | 124                 | 124            | 100            |
| Wholesale funding < 1 year | 70                  | -              | 77                   | -              | 134                 | -              | -              |
| Derivatives                | 434                 | -              | 462                  | -              | 524                 | -              | -              |
| Repurchase agreements      | 132                 | -              | 143                  | -              | 129                 | -              | -              |



|                                      |       |      |       |      |       |      |     |
|--------------------------------------|-------|------|-------|------|-------|------|-----|
| Deposits                             |       |      |       |      |       |      |     |
| - retail and SME - more stable       | 203   | 183  | 232   | 209  | 227   | 204  | 90  |
| - retail and SME - less stable       | 66    | 53   | 32    | 26   | 31    | 25   | 80  |
| - other                              | 164   | 82   | 170   | 85   | 179   | 89   | 50  |
| Other (2)                            | 64    | -    | 76    | -    | 83    | -    | -   |
| Total liabilities and equity         | 1,312 | 497  | 1,377 | 505  | 1,507 | 518  |     |
| Cash                                 | 79    | -    | 80    | -    | 79    | -    | -   |
| Inter-bank lending                   | 29    | -    | 38    | -    | 44    | -    | -   |
| Debt securities > 1 year             |       |      |       |      |       |      |     |
| - governments AAA to AA-             | 64    | 3    | 71    | 4    | 77    | 4    | 5   |
| - other eligible bonds               | 48    | 10   | 58    | 12   | 73    | 15   | 20  |
| - other bonds                        | 19    | 19   | 19    | 19   | 14    | 14   | 100 |
| Debt securities < 1 year             | 26    | -    | 30    | -    | 45    | -    | -   |
| Derivatives                          | 442   | -    | 468   | -    | 530   | -    | -   |
| Reverse repurchase agreements        | 105   | -    | 98    | -    | 101   | -    | -   |
| Customer loans and advances > 1 year |       |      |       |      |       |      |     |
| - residential mortgages              | 145   | 94   | 148   | 96   | 145   | 94   | 65  |
| - other                              | 136   | 136  | 144   | 144  | 173   | 173  | 100 |
| Customer loans and advances < 1 year |       |      |       |      |       |      |     |
| - retail loans                       | 18    | 15   | 18    | 15   | 19    | 16   | 85  |
| - other                              | 131   | 66   | 132   | 66   | 137   | 69   | 50  |
| Other (3)                            | 70    | 70   | 73    | 73   | 70    | 70   | 100 |
| Total assets                         | 1,312 | 413  | 1,377 | 429  | 1,507 | 455  |     |
| Undrawn commitments                  | 216   | 11   | 221   | 11   | 240   | 12   | 5   |
| Total assets and undrawn commitments | 1,528 | 424  | 1,598 | 440  | 1,747 | 467  |     |
| Net stable funding ratio             |       | 117% |       | 115% |       | 111% |     |

## Notes:

- (1) Available stable funding.
- (2) Deferred tax, insurance liabilities and other liabilities.
- (3) Prepayments, accrued income, deferred tax, settlement balances and other assets.

## Key point

- NSFR improved from 111% at 31 December 2011 to 117% at the end of 2012. Long-term wholesale funding declined by £15 billion in line with Markets' strategy, and funding requirement relating to long-term lending decreased by £37 billion, reflecting de-risking, sales and repayments in Non-Core.

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks (continued)

## Maturity analysis

The contractual maturity of balance sheet assets and liabilities highlights the maturity transformation which underpins the role of banks to lend long-term, but to fund themselves predominantly through short-term liabilities such as customer deposits. This is achieved through the diversified funding franchise of the Group across an extensive customer base, and across a wide geographic network. 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 whilst may be repayable on demand or at short notice, have demonstrated very stable characteristics even in periods of acute stress such as those experienced in 2008. The table below illustrates the contractual and behavioural maturity analysis of Retail & Commercial customer deposits.

|                      | Less than<br>1 year<br>£bn | 1-5 years<br>£bn | More<br>than<br>5 years<br>£bn | Total<br>£bn |
|----------------------|----------------------------|------------------|--------------------------------|--------------|
| Contractual maturity | 381                        | 20               | 1                              | 402          |
| Behavioural maturity | 146                        | 219              | 37                             | 402          |

## Encumbrance

The Group reviews all assets against the criteria of being able to finance them 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.

From time to time the Group encumbers assets to serve as collateral to support certain wholesale funding initiatives. The three principal forms of encumbrance are own asset securitisations, covered bonds and securities repurchase agreements. The Group 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.
- not currently encumbered but can for instance be used to access funding from market counterparties or central bank facilities as part of the Group's contingency funding.
- not currently encumbered. In this category the Group has in place an enablement programme which seeks to identify assets which are capable of being encumbered and to identify actions to facilitate such encumbrance whilst not impacting customer relationships or servicing.

The Group's encumbrance ratios are set out below.

|                    | 2012<br>% | 2011<br>% |
|--------------------|-----------|-----------|
| Encumbrance ratios |           |           |
| Total              | 18        | 19        |

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|   |    |    |
|---|----|----|
| Excluding balances relating to derivative transactions                          | 22 | 26 |
| Excluding balances relating to derivative and securities financing transactions | 13 | 19 |

Risk and balance sheet management (continued)

Liquidity, funding and related risks: Encumbrance (continued)

Assets encumbrance

|                                     | Encumbered assets relating to:                                  |                         |                           |              |                           | Total encumbered assets<br>£bn | Encumbered assets as a %<br>of related total assets | Liquidity portfolio<br>£bn | Other<br>£bn | Total<br>£bn |
|-------------------------------------|---|-------------------------|---------------------------|--------------|---------------------------|--------------------------------|---|----------------------------|--------------|--------------|
|                                     | Debt securities in issue<br>Securitisations and conduits<br>£bn | Covered<br>bonds<br>£bn | Other secured liabilities |              |                           |                                |   |                            |              |              |
|                                     |   |                         | Derivatives<br>£bn        | Repos<br>£bn | Secured borrowings<br>£bn |                                |   |                            |              |              |
| Cash and balances at central banks  | 5.3   | 0.5                     | -                         | -            | -                         | 5.8                            | 7   | 70.2                       | 3.3          | 79.3         |
| Loans and advances to banks (1)     | -   | -                       | 12.8                      | -            | -                         | 12.8                           | 41  | -                          | 18.5         | 31.3         |
| Loans and advances to customers (1) |   |                         |                           |              |                           |                                |   |                            |              |              |
| - UK residential mortgages          | 16.4  | 16.0                    | -                         | -            | -                         | 32.4                           | 30  | 58.7                       | 18.0         | 109.1        |
| - Irish residential mortgages       | 10.6  | -                       | -                         | -            | 1.8                       | 12.4                           | 81  | -                          | 2.9          | 15.3         |
| - US residential mortgages          | -   | -                       | -                         | -            | -                         | -                              | -   | 7.6                        | 14.1         | 21.7         |
| - UK credit cards                   | 3.0   | -                       | -                         | -            | -                         | 3.0                            | 44  | -                          | 3.8          | 6.8          |
| - UK personal loans                 | 4.7   | -                       | -                         | -            | -                         | 4.7                            | 41  | -                          | 6.8          | 11.5         |
| - other                             | 20.7  | -                       | 22.5                      | -            | 0.8                       | 44.0                           | 16  | 6.5                        | 217.1        | 267.6        |
| Debt securities                     | 1.0   | -                       | 8.3                       | 91.2         | 15.2                      | 115.7                          | 70  | 22.3                       | 26.6         | 164.6        |
| Equity shares                       | -   | -                       | 0.7                       | 6.8          | -                         | 7.5                            | 49  | -                          | 7.7          | 15.2         |
|                                     | 61.7  | 16.5                    | 44.3                      | 98.0         | 17.8                      | 238.3                          |   | 165.3                      | 318.8        | 722.4        |
| Own asset securitisations           |   |                         |                           |              |                           |                                |   | 22.6                       |              |              |
| Total liquidity portfolio           |   |                         |                           |              |                           |                                |   | 187.9                      |              |              |

|                               |        |        |        |         |        |         |
|-------------------------------|--------|--------|--------|---------|--------|---------|
| Liabilities                   |        |        |        |         |        |         |
| secured                       |        |        |        |         |        |         |
| Intra-Group -                 |        |        |        |         |        |         |
| used for                      |        |        |        |         |        |         |
| secondary                     |        |        |        |         |        |         |
| liquidity                     | (22.6) | -      | -      | -       | -      | (22.6)  |
| Intra-Group -                 |        |        |        |         |        |         |
| other                         | (23.9) | -      | -      | -       | -      | (23.9)  |
| Third-party (2)               | (12.0) | (10.1) | (60.4) | (132.4) | (15.3) | (230.2) |
|                               | (58.5) | (10.1) | (60.4) | (132.4) | (15.3) | (276.7) |
| Total assets                  |        |        |        |         |        | 1,312   |
| Total assets                  |        |        |        |         |        |         |
| excluding                     |        |        |        |         |        |         |
| derivatives                   |        |        |        |         |        | 870     |
| Total assets excluding        |        |        |        |         |        |         |
| derivatives and reverse repos |        |        |        |         |        | 766     |

## Notes:

- (1) Excludes reverse repos.
- (2) In accordance with market practice the Group employs its own assets and securities received under reverse repo transactions as collateral for repos.

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks: Encumbrance (continued)

## Key points

The Group's encumbrance ratio dropped marginally from 19% to 18%.

31% of the Groups residential mortgage portfolio was encumbered at 31 December 2012.

## Non-traded interest rate risk

## Introduction and methodology

Non-traded interest rate risk impacts earnings arising from the Group's banking activities. This excludes positions in financial instruments which are classified as held-for-trading, or hedging items.

The Group provides a range of financial products to meet a variety of customer requirements. These products differ with regard to repricing frequency, tenor, indexation, prepayments, optionality and other features. When aggregated, they form portfolios of assets and liabilities with varying degrees of sensitivity to changes in market rates.

Mismatches in these sensitivities give rise to net interest income (NII) volatility as interest rates rise and fall. For example, a bank with a floating rate loan portfolio and largely fixed rate deposits will see its net interest income rise, as interest rates rise and fall as rates decline. Due to the long-term nature of many banking book portfolios, varied interest rate repricing characteristics and maturities, it is likely the NII will vary from period to period, even if interest

rates remain the same. New business volumes originated in any period, will alter the interest rate sensitivity of a bank if the resulting portfolio differs from portfolios originated in prior periods.

The Group policy is to manage interest rate sensitivity in banking book portfolios within defined risk limits. With the exception of CFG and Markets, interest rate risk is transferred from the divisions to Group Treasury. Aggregate positions are then hedged externally using cash and derivative instruments, primarily interest rate swaps, to manage exposures within Group Asset and Liability Management Committee (GALCO) approved limits.

The Group assesses interest rate risk in the banking book (IRRBB) using a set of standards to define, measure and report the risk. These standards incorporate the expected divergence between contractual terms and the actual behaviour of fixed rate loan portfolios due to refinancing incentives and the risks associated with structural hedges of interest rate insensitive balances, which relates to the stability of the underlying portfolio.

Key measures used to evaluate IRRBB are subject to approval by divisional Asset and Liability Management Committees (ALCOs) and GALCO. Limits on IRRBB are proposed by the Group Treasurer for approval by the Executive Risk Forum annually. Residual risk positions are reported on a regular basis to divisional ALCOs and monthly to the Group Balance Sheet Management Committee, GALCO, the Executive Risk Forum and the Group Board.

Risk and balance sheet management (continued)

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Liquidity, funding and related risks: Non-traded interest rate risk (continued)

The Group uses a variety of approaches to quantify its interest rate risk encompassing both earnings and value metrics. IRRBB is measured using a version of the same value-at-risk (VaR) methodology that is used for the Group's trading portfolios. Net interest income exposures are measured in terms of earnings sensitivity over time against movements in interest rates.

Value-at-risk

VaR metrics are based on interest rate repricing gap reports as at the reporting date. These incorporate customer products and 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.

The VaR does not provide a dynamic measurement of interest rate risk since static underlying repricing gap positions are assumed. Changes in customer behaviour under varying interest rate scenarios are captured by way of earnings risk measures. IRRBB VaR for the Group's Retail and Commercial banking activities at 99% confidence level and currency analysis of period end VaR were as follows:

|                  | Average | Period | Maximum  | Minimum  |
|------------------|---------|--------|----------|----------|
|                  | £m      | end    | £m       | £m       |
|                  |         | £m     |          |          |
| 31 December 2012 | 46      | 21     | 65       | 20       |
| 31 December 2011 | 63      | 51     | 80       | 44       |
|                  |         |        | 31       | 31       |
|                  |         |        | December | December |
|                  |         |        | 2012     | 2011     |

|           | £m | £m |
|-----------|----|----|
| Euro      | 19 | 26 |
| Sterling  | 17 | 57 |
| US dollar | 15 | 61 |
| Other     | 4  | 5  |

## Key points

- Interest rate exposure at 31 December 2012 was considerably lower than at 31 December 2011 and average exposure was 27% lower in 2012 than in 2011.
- The reduction in VaR seen across all currencies reflects closer matching of the Group's structural interest rate hedges to the behavioural maturity profile of the hedged liabilities as well as changes to the VaR methodology.
- It is estimated that the change in methodology reduced VaR by £13.8 billion (33%) on implementation.

## Risk and balance sheet management (continued)

## Liquidity, funding and related risks: Non-traded interest rate risk (continued)

## Sensitivity of net interest income

Earnings sensitivity to rate movements is derived from a central forecast over a twelve month period. Market implied forward rates and new business volume, mix and pricing consistent with business assumptions are used to generate a base case earnings forecast.

The following table shows the sensitivity of net interest income, over the next twelve months, to an immediate upward or downward change of 100 basis points to all interest rates. In addition, the table includes the impact of a gradual 400 basis point steepening and a gradual 300 basis point flattening of the yield curve at tenors greater than a year.

|  | Euro | Sterling | US<br>dollar | Other | Total |
|--|------|----------|--------------|-------|-------|
|  | £m   | £m       | £m           | £m    | £m    |
| 31 December 2012                         |      |          |              |       |       |
| + 100 basis points shift in yield curves | (29) | 472      | 119          | 27    | 589   |
| - 100 basis points shift in yield curves | (20) | (257)    | (29)         | (11)  | (317) |
| Bear steepener                           |      |          |              |       | 216   |
| Bull flattener                           |      |          |              |       | (77)  |
| 31 December 2011                         |      |          |              |       |       |
| + 100 basis points shift in yield curves | (19) | 190      | 59           | 14    | 244   |
| - 100 basis points shift in yield curves | 25   | (188)    | (4)          | (16)  | (183) |
| Bear steepener                           |      |          |              |       | 443   |
| Bull flattener                           |      |          |              |       | (146) |

## Key points

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The Group's interest rate exposure remains asset sensitive, in that rising rates have a positive impact on net interest margins. The scale of this benefit has increased since 2011.

- The primary contributors to the increased sensitivity to a 100 basis points parallel shift in the yield curve are changes to underlying business pricing assumptions and assumptions in respect of the risk of early repayment of consumer loans and deposits. The latter incorporates revisions to pricing strategies and consumer behaviour.
- The impact of the steepening and flattening scenarios is largely driven by the reinvestment of structural hedges. The year on year change reflected a change to a longer term hedging programme implemented in 2010.
- 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.

Risk and balance sheet management (continued)

Liquidity, funding and related risks (continued)

Currency risk: Structural foreign currency exposures

The Group does not maintain material non-traded open currency positions other than the structural foreign currency translation exposures arising from its investments in foreign subsidiaries and associated undertakings and their related currency funding.

The table below shows the Group's structural foreign currency exposures.

|                    | Net<br>assets of<br>overseas<br>operations<br>£m | RFS<br>MI<br>£m | Net<br>investments<br>in foreign<br>operations<br>£m | Net<br>investment<br>hedges<br>£m | Structural<br>foreign<br>currency<br>exposures<br>pre-economic<br>hedges<br>£m | Economic<br>hedges (1)<br>£m | Residual<br>structural<br>foreign<br>currency<br>exposures<br>£m |
|--------------------|--|-----------------|--|-----------------------------------|--|------------------------------|--|
| 31 December 2012   |  |                 |  |                                   |  |                              |  |
| US dollar          | 17,313   | 1               | 17,312   | (2,476)                           | 14,836   | (3,897)                      | 10,939   |
| Euro               | 8,903  | 2               | 8,901  | (636)                             | 8,265  | (2,179)                      | 6,086  |
| Other non-sterling | 4,754  | 260             | 4,494  | (3,597)                           | 897  | -                            | 897  |
|                    | 30,970   | 263             | 30,707   | (6,709)                           | 23,998   | (6,076)                      | 17,922   |
| 31 December 2011   |  |                 |  |                                   |  |                              |  |
| US dollar          | 17,570   | 1               | 17,569   | (2,049)                           | 15,520   | (4,071)                      | 11,449   |
| Euro               | 8,428  | (3)             | 8,431  | (621)                             | 7,810  | (2,236)                      | 5,574  |
| Other non-sterling | 5,224  | 272             | 4,952  | (4,100)                           | 852  | -                            | 852  |
|                    | 31,222   | 270             | 30,952   | (6,770)                           | 24,182   | (6,307)                      | 17,875   |

Note:

- (1) The economic hedges represents US dollar and euro preference shares in issue that are treated as equity under IFRS and do not qualify as hedges for accounting purposes.

Key points

- The Group's structural foreign currency exposure at 31 December 2012 was £24.0 billion and £17.9 billion before and after economic hedges respectively, broadly unchanged from the end of 2011.
- Changes in foreign currency exchange rates affect equity in proportion to structural foreign currency exposure. A 5% strengthening in foreign currency against sterling would result in a gain of £1.3 billion (31 December 2011 - £1.3 billion) in equity, while a 5% weakening would result in a loss of £1.1 billion (31 December 2011 - £1.2 billion) in equity.
- In 2012, the Group recorded a loss through other comprehensive income of £0.9 billion due to the strengthening of sterling against the US dollar and the euro.

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: 28 February 2013

THE ROYAL BANK OF  
SCOTLAND GROUP plc  
(Registrant)

By: /s/ Jan Cargill



Name: Jan Cargill

Title: Deputy Secretary