Glossary

**Acceptances**
A bill of exchange or negotiable instrument drawn by the borrower for payment at maturity and accepted by a bank. The acceptance constitutes a guarantee of payment by the bank and can be traded in the money market. The bank earns a “stamping fee” for providing this guarantee.

**Allowance for credit losses**
The amount deemed adequate by management to absorb identified credit losses as well as losses that have been incurred but are not yet identifiable as at the balance sheet date. This allowance is established to cover the lending portfolio including loans, acceptances, guarantees, letters of credit, and unfunded commitments. The provision is increased by the provision for credit losses, which is charged to income and decreased by the amount of write-offs, net of recoveries in the period.

**Alt-A assets**
A term used in the U.S. to describe assets (mainly mortgages) with a borrower risk profile between the prime and subprime categorizations. Categorization of assets as Alt-A (as opposed to prime) varies, such as limited verification or documentation of borrowers’ income or a limited credit history.

**Asset-backed securities (ABS)**
Securities created through the securitization of a pool of assets, for example auto loans or credit card loans.

**Assets-to-capital multiple**
Total assets plus specified off-balance sheet items, as defined by OSFI, divided by total regulatory capital.

**Assets under administration (AUA)**
Assets administered by us, which are beneficially owned by clients, as at October 31, unless otherwise noted. Services provided in respect of assets under administration are of an administrative nature, including safekeeping, collecting investment income, settling purchase and sale transactions, and record keeping.

**Assets under management (AUM)**
Assets managed by us, which are beneficially owned by clients, as at October 31, unless otherwise noted. Services provided in respect of assets under management include the selection of investments and the provision of investment advice. We have assets under management that are also administered by us and included in assets under administration.

**Auction rate securities (ARS)**
Securities issued through special purpose entities that hold long-term assets funded with long-term debt. In the U.S., these securities are issued by sponsors such as municipalities, student loan authorities or other sponsors through bank-managed auctions.

**Bank-owned life insurance contracts (BOLI)**
Our legacy portfolio includes BOLI where we provided banks with BOLI stable value agreements (“wraps”), which insured the life insurance policy’s cash surrender value from market fluctuations on the underlying investments, thereby allowing us to guarantee a minimum tax-exempt return to the counterparty. These wraps allow us to account for the underlying assets on an accrual basis instead of a mark-to-market basis.

**Basis point (bp)**
One one-hundredth of a percentage point (.01%).

**Capital adequacy**
The level of capital that is sufficient to underpin risk and accommodate potential unexpected increases in risk within specified regulatory targets while maintaining our business plans. This includes risks for which minimum regulatory capital requirements may not be specified.

**Collateral**
Assets pledged as security for a loan or other obligation. Collateral can take many forms, such as cash, highly rated securities, property, inventory, equipment and receivables.

**Collateralized debt obligation (CDO)**
Securities with multiple tranches that are issued by special purpose entities and collateralized by debt obligations including bonds and loans. Each tranche offers a varying degree of risk and return so as to meet investor demand.

**Collateralized loan obligation (CLO)**
Securities that are backed by a pool of commercial or personal loans, structured so that there are several classes of bonds with varying maturities, called tranches.

**Commercial mortgage-backed securities (CMBS)**
Securities created through the securitization of commercial mortgages.

**Commitments to extend credit**
Utilized amount of credit facilities available to clients either in the form of loans, bankers' acceptances and other on-balance sheet financing, or through off-balance sheet products such as guarantees and letters of credit.

**Common Equity Tier 1 (CET1) capital**
The sum of common shares issued that meet regulatory criteria, share premium from the issuances and other contributed surplus, retained earnings, accumulated other comprehensive income and other disclosed reserves, and common shares issued by consolidated subsidiaries held by third parties; less dividends removed from CET1 in accordance with applicable accounting standards.

**Common Equity Tier 1 capital ratio**
CET1 capital less regulatory adjustments or deductions divided by risk-weighted assets.

**Covered bonds**
Full recourse on-balance sheet obligations issued by banks and credit institutions that are also fully collateralized by assets over which investors enjoy a priority claim in the event of an issuer’s insolvency.

**Credit default swaps (CDS)**
A derivative contract that provides the purchaser with a one-time payment should the referenced entity/entities default (or a similar triggering event occur).

**Derivative**
A contract between two parties, which requires little or no initial investment and where payments between the parties are dependent upon the movements in price of an underlying instrument, index or financial rate. Examples of derivatives include swaps, options, forward rate agreements and futures. The notional amount of the derivative is the contract amount used as a reference point to calculate the payments to be exchanged between the two parties, and the notional amount itself is generally not exchanged by the parties.

**Dividend payout ratio**
Common dividends as a percentage of net income after preferred share dividends.

**Earnings per share (EPS), basic**
Calculated as net income less preferred share dividends divided by the average number of shares outstanding.

**Earnings per share (EPS), diluted**
Calculated as net income less preferred share dividends divided by the average number of shares outstanding adjusted for the dilutive effects of stock options and other convertible securities.

**Economic capital**
An estimate of the amount of equity capital required to underpin risks. It is calculated by estimating the level of capital that is necessary to support our various businesses, given their risks, consistent with our desired solvency standard and credit ratings. The identified risks for which we calculate Economic Capital are credit, market (trading and non-trading), operational, business, fixed asset, and insurance. Additionally, Economic Capital includes goodwill and intangibles, and allows for diversification benefits across risks and business segments.

**Fair value**
The amount of consideration that would be agreed upon in an arm’s length transaction between knowledgeable, willing parties who are under no compulsion to act.

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Gross-adjusted assets (GAA)
GAA are used in the calculation of the Assets-to-capital multiple. They represent our total assets including specified off-balance sheet items and net of prescribed deductions. Off-balance sheet items for this calculation are direct credit substitutes, including letters of credit and guarantees, transaction-related contingencies, trade-related contingencies and sale and repurchase agreements.

Guarantees and standby letters of credit
These primarily represent irrevocable assurances that a bank will make payments in the event that its client cannot meet its financial obligations to third parties. Certain other guarantees, such as bid and performance bonds, represent non-financial undertakings.

Hedge
A risk management technique used to mitigate exposure from market, interest rate or foreign currency exchange risk arising from normal banking operations. The elimination or reduction of such exposure is accomplished by establishing offsetting positions. For example, assets denominated in foreign currencies can be offset with liabilities in the same currencies or through the use of foreign exchange hedging instruments such as futures, options or foreign exchange contracts.

Home equity products
This is comprised of residential mortgages and secured personal loans whereby the borrower pledges real estate as collateral.

International Financial Reporting Standards (IFRS)
IFRS are principles-based standards, interpretations and the framework adopted by the International Accounting Standards Board.

Impaired loans
Loans are classified as impaired when there has been a deterioration of credit quality to the extent that management no longer has reasonable assurance of timely collection of the full amount of principal and interest in accordance with the contractual terms of the loan agreement. Credit card balances are not classified as impaired as they are directly written off after payments are 180 days past due.

Innovative capital instruments
Innovative capital instruments are capital instruments issued by Special Purpose Entities (SPEs), whose primary purpose is to raise capital. We previously issued innovative capital instruments, RBC Trust Capital Securities (RBC TruCS) and RBC Trust Subordinated Notes (RBC TSNs), through three SPEs: RBC Capital Trust, RBC Capital Trust II and RBC Subordinated Notes Trust. As per OSFI Basel III guidelines, non-qualifying innovative capital instruments treated as additional Tier 1 capital are subject to phase out over a ten year period beginning on January 1, 2013.

Loan-to-value (LTV) ratio
Calculated based on the total facility amount for the residential mortgage and home loan product divided by the value of the related residential property.

Master netting agreement
An agreement between us and a counterparty designed to reduce the credit risk of multiple derivative transactions through the creation of a legal right of offset of exposure in the event of a default.

Net interest income
The difference between what is earned on assets such as loans and securities and what is paid on liabilities such as deposits and subordinated debentures.

Net interest margin (average assets)
Net interest income as a percentage of total average assets.

Normal course issuer bid (NCIB)
A program for the repurchase of our own shares for cancellation through a stock exchange that is subject to the various rules of the relevant stock exchange and securities commission.

Notional amount
The contract amount used as a reference point to calculate payments for derivatives.

Off-balance sheet financial instruments
A variety of arranged offers to clients, which include credit derivatives, written put options, backstop liquidity facilities, stable value products, financial standby letters of credit, performance guarantees, credit enhancements, mortgage loans sold with recourse, commitments to extend credit, securities lending, documentary and commercial letters of credit, note issuances and revolving underwriting facilities, securities lending indemnifications and indemnifications.

Office of the Superintendent of Financial Institutions Canada (OSFI)
The primary regulator of federally chartered financial institutions and federally administered pension plans in Canada. OSFI’s mission is to safeguard policyholders, depositors and pension plan members from undue loss.

Operating leverage
The difference between our revenue growth rate and non-interest expense growth rate.

Options
A contract or a provision of a contract that gives one party (the option holder) the right, but not the obligation, to perform a specified transaction with another party (the option issuer or option writer) according to specified terms.

Primary dealer
A formal designation provided to a bank or securities broker-dealer permitted to trade directly with a country’s central bank. Primary dealers participate in open market operations, act as market-makers of government debt and provide market information and analysis to assist with monetary policy.

Provision for credit losses (PCL)
The amount charged to income necessary to bring the allowance for credit losses to a level determined appropriate by management. This includes both specific and general provisions.

Repurchase agreements
These involve the sale of securities for cash and the simultaneous repurchase of the securities for value at a later date. These transactions normally do not constitute economic sales and therefore are treated as collateralized financing transactions.

Residential mortgage-backed securities (RMBS)
Securities created through the securitization of residential mortgage loans.

Return on common equity (ROE)
Net income less preferred share dividends, expressed as a percentage of average common equity.

Reverse repurchase agreements
These involve the purchase of securities for cash and the simultaneous sale of the securities for value at a later date. These transactions normally do not constitute economic sales and therefore are treated as collateralized financing transactions.

Risk-weighted assets (RWA)
Assets adjusted by a regulatory risk-weight factor to reflect the riskiness of on and off-balance sheet exposures. Certain assets are not risk-weighted, but deducted from capital. The calculation is defined by guidelines issued by OSFI based on Basel III, effective the first quarter of 2013. For more details, refer to the Capital management section.

Securities lending
Transactions in which the owner of a security agrees to lend it under the terms of a prearranged contract to a borrower for a fee. The borrower must collateralize the security loan at all times. An intermediary such as a bank often acts as agent for the owner of the security. There are two types of securities lending arrangements: lending with and without credit or market risk indemnification. In securities lending without indemnification, the bank bears no risk of loss. For transactions in which the bank provides an indemnification, it bears the risk of loss if the borrower defaults and the value of the collateral declines concurrently.

Securities sold short
A transaction in which the seller sells securities and then borrows the securities in order to deliver them to the purchaser upon settlement. At a later date, the seller buys identical securities in the market to replace the borrowed securities.

Securitization
The process by which various financial assets are packaged into newly issued securities backed by these assets.
Special purpose entities (SPEs)
Special purpose entities, which may take the form of a corporation, trust, partnership or unincorporated entity, typically are created to accomplish a narrow and well-defined objective with legal arrangements that impose strict limits on the decision-making powers of their governing board, trustee or management over its operations. Frequently these provisions specify that the policy guiding the ongoing activities of the SPEs cannot be modified, other than perhaps by its creator or sponsor.

Standardized Approach
Risk weights prescribed by OSFI are used to calculate risk-weighted assets for the credit risk exposures. Credit assessments by OSFI-recognized external credit rating agencies of S&P, Moody’s, Fitch and DBRS are used to risk-weight our Sovereign and Bank exposures based on the standards and guidelines issued by OSFI. For our Business and Retail exposures, we use the standard risk weights prescribed by OSFI.

Structured investment vehicles
Managed investment vehicle that holds mainly highly rated asset-backed securities and funds itself using the short-term commercial paper market as well as the medium-term note (MTN) market.

Subprime loans
Subprime lending is the practice of making loans to borrowers who do not qualify for the best market interest rates because of their deficient credit history. Subprime lending carries more risk for lenders due to the combination of higher interest rates for the borrowers, poorer credit histories, and adverse financial situations usually associated with subprime applicants.

Taxable equivalent basis (teb)
Income from certain specified tax advantaged sources is increased to a level that would make it comparable to income from taxable sources. There is an offsetting adjustment in the tax provision, thereby generating the same after-tax net income.

Tier 1 capital
Tier 1 capital comprises predominantly CET1, with additional Tier 1 items such as preferred shares and non-controlling interests in subsidiaries Tier 1 instruments.

Tier 2 capital
Tier 2 capital consists mainly of subordinated debentures that meet certain criteria, certain loan loss allowances and non-controlling interests in subsidiaries’ Tier 2 instruments.

Total capital and total capital ratio
Total capital is defined as the total of Tier 1 and Tier 2 capital. The total capital ratio is calculated by dividing total capital by risk-weighted assets.

Tranche
A security class created whereby the risks and returns associated with a pool of assets are packaged into several classes of securities offering different risk and return profiles from those of the underlying asset pool. Tranches are typically rated by ratings agencies, and reflect both the credit quality of underlying collateral as well as the level of protection based on the tranches’ relative subordination.

Trust Capital Securities (RBC TruCS)
Transferable trust units issued by special purpose entities RBC Capital Trust or RBC Capital Trust II for the purpose of raising innovative Tier 1 capital.

Trust Subordinated Notes (RBC TSNs)
Transferable trust units issued by RBC Subordinated Notes Trust for the purpose of raising innovative Tier 2 capital.

Value-at-Risk (VaR)
A generally accepted risk-measurement concept that uses statistical models based on historical information to estimate within a given level of confidence the maximum loss in market value we would experience in our trading portfolio from an adverse one-day movement in market rates and prices.
## Directors and executive officers

### Directors

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Location</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Geoffrey Beattie</td>
<td>2001</td>
<td>Toronto, Ontario</td>
<td>Chief Executive Officer, Generation Capital</td>
</tr>
<tr>
<td>David F. Denison, FCPA, FCA</td>
<td>2012</td>
<td>Toronto, Ontario</td>
<td>Corporate Director</td>
</tr>
<tr>
<td>The Hon. Paule Gauthier, P.C., O.C., O.Q., Q.C.</td>
<td>1991</td>
<td>Quebec City, Quebec</td>
<td>Senior Partner, Stein Monast LLP</td>
</tr>
<tr>
<td>Richard L. George, O.C.</td>
<td>2012</td>
<td>Calgary, Alberta</td>
<td>Partner, Novo Investment Group</td>
</tr>
<tr>
<td>Timothy J. Hearn</td>
<td>2006</td>
<td>Calgary, Alberta</td>
<td>Chairman, Hearn &amp; Associates</td>
</tr>
<tr>
<td>Alice D. Laberge</td>
<td>2005</td>
<td>Vancouver, British Columbia</td>
<td>Corporate Director</td>
</tr>
<tr>
<td>Jacques Lamarre, O.C.</td>
<td>2003</td>
<td>Montreal, Quebec</td>
<td>Strategic Advisor, Heenan Blaikie LLP</td>
</tr>
<tr>
<td>Brandt C. Louie, O.B.C., CPA, FCA</td>
<td>2001</td>
<td>West Vancouver, British Columbia</td>
<td>Chairman and Chief Executive Officer, H.Y. Louie Co. Limited, Chairman, London Drugs Limited</td>
</tr>
<tr>
<td>Michael H. McCain</td>
<td>2005</td>
<td>Toronto, Ontario</td>
<td>President and Chief Executive Officer, Maple Leaf Foods Inc.</td>
</tr>
<tr>
<td>Heather Munroe-Blum, O.C., O.Q., Ph.D., FRSC</td>
<td>2011</td>
<td>Montreal, Quebec</td>
<td>Professor of Medicine and Principal Emerita, McGill University</td>
</tr>
<tr>
<td>Gordon M. Nixon, C.M., O.Ont.</td>
<td>2001</td>
<td>Toronto, Ontario</td>
<td>President and Chief Executive Officer, Royal Bank of Canada</td>
</tr>
<tr>
<td>David P. O’Brien, O.C.</td>
<td>1996</td>
<td>Calgary, Alberta</td>
<td>Chairman of the Board, Royal Bank of Canada</td>
</tr>
<tr>
<td>J. Pedro Reinhard</td>
<td>2000</td>
<td>Key Biscayne, Florida</td>
<td>President, Reinhard &amp; Associates</td>
</tr>
<tr>
<td>Alice D. Laberge</td>
<td>2005</td>
<td>Vancouver, British Columbia</td>
<td>Corporate Director</td>
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<td>Chairman of the Board, Royal Bank of Canada</td>
</tr>
<tr>
<td>J. Pedro Reinhard</td>
<td>2000</td>
<td>Key Biscayne, Florida</td>
<td>President, Reinhard &amp; Associates</td>
</tr>
<tr>
<td>Thomas A. Renyi</td>
<td>2013</td>
<td>New Harbor, Maine</td>
<td>Corporate Director</td>
</tr>
<tr>
<td>Edward Sonshine, O.Ont., Q.C.</td>
<td>2008</td>
<td>Toronto, Ontario</td>
<td>Chief Executive Officer, RioCan Real Estate Investment Trust</td>
</tr>
<tr>
<td>Kathleen P. Taylor</td>
<td>2001</td>
<td>Toronto, Ontario</td>
<td>Chair of the Board (Designate)</td>
</tr>
<tr>
<td>Bridget A. van Kralingen</td>
<td>2011</td>
<td>New York, New York</td>
<td>Senior Vice President, IBM Global Business Services, IBM Corporation</td>
</tr>
<tr>
<td>Victor L. Young, O.C.</td>
<td>1991</td>
<td>St. John’s, Newfoundland and Labrador</td>
<td>Corporate Director</td>
</tr>
</tbody>
</table>

The date appearing after the name of each director indicates the year in which the individual became a director.

### Group Executive

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morten N. Friis</td>
<td>Chief Risk Officer (1)</td>
</tr>
<tr>
<td>Janice R. Fukakusa, FCPA, FCA</td>
<td>Chief Administrative Officer and Chief Financial Officer</td>
</tr>
<tr>
<td>Zabeen Hirji</td>
<td>Chief Human Resources Officer</td>
</tr>
<tr>
<td>M. George Lewis</td>
<td>Group Head, Wealth Management and Insurance</td>
</tr>
<tr>
<td>A. Douglas McGregor</td>
<td>Group Head, Capital Markets and Investor &amp; Treasury Services</td>
</tr>
<tr>
<td>Gordon M. Nixon, C.M., O.Ont.</td>
<td>President and Chief Executive Officer</td>
</tr>
</tbody>
</table>

(1) Morten N. Friis will retire as Chief Risk Officer on January 10, 2014. Mark Hughes will take over as Chief Risk Officer and join the Group Executive on that date.
(2) Bruce Ross will join RBC in January 2014 as Group Head, Technology & Operations, and will join the Group Executive.
<table>
<thead>
<tr>
<th>Principal subsidiaries (1)</th>
<th>Principal office address (2)</th>
<th>Carrying value of voting shares owned by the bank (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royal Bank Holding Inc.</td>
<td>Toronto, Ontario, Canada</td>
<td>$ 36,853</td>
</tr>
<tr>
<td>Royal Mutual Funds Inc.</td>
<td>Toronto, Ontario, Canada</td>
<td></td>
</tr>
<tr>
<td>RBC Insurance Holdings Inc.</td>
<td>Mississauga, Ontario, Canada</td>
<td></td>
</tr>
<tr>
<td>RBC General Insurance Company</td>
<td>Mississauga, Ontario, Canada</td>
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<tr>
<td>RBC Insurance Company of Canada</td>
<td>Mississauga, Ontario, Canada</td>
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</tr>
<tr>
<td>RBC Life Insurance Company</td>
<td>Mississauga, Ontario, Canada</td>
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<tr>
<td>RBC Direct Investing Inc.</td>
<td>Toronto, Ontario, Canada</td>
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<tr>
<td>RBC Phillips, Hager &amp; North Investment Counsel Inc.</td>
<td>Toronto, Ontario, Canada</td>
<td></td>
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<tr>
<td>R.B.C. Holdings (Bahamas) Limited</td>
<td>Nassau, New Providence, Bahamas</td>
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<tr>
<td>Royal Bank of Canada Insurance Company Ltd.</td>
<td>George Town, Grand Cayman, Cayman Islands</td>
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<tr>
<td>Royal Bank Caribbean Investments Limited</td>
<td>St. Michael, Barbados</td>
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<tr>
<td>Investment Holdings (Cayman) Limited</td>
<td>George Town, Grand Cayman, Cayman Islands</td>
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<tr>
<td>RBC (Barbados) Funding Ltd.</td>
<td>St. Michael, Barbados</td>
<td></td>
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<tr>
<td>RBC Capital Markets Arbitrage S.A.</td>
<td>Luxembourg, Luxembourg</td>
<td></td>
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<tr>
<td>Capital Funding Alberta Limited</td>
<td>Calgary, Alberta, Canada</td>
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<tr>
<td>RBC Global Asset Management Inc.</td>
<td>Toronto, Ontario, Canada</td>
<td></td>
</tr>
<tr>
<td>RBC Investor Services Trust</td>
<td>Toronto, Ontario, Canada</td>
<td></td>
</tr>
<tr>
<td>RBC Investor Services Bank S.A.</td>
<td>Esch-sur-Alzette, Luxembourg</td>
<td></td>
</tr>
<tr>
<td>R.B.C. (Barbados) Trading Bank Corporation</td>
<td>St. James, Barbados</td>
<td></td>
</tr>
<tr>
<td>RBC USA Holdco Corporation (2)</td>
<td>New York, New York, U.S.</td>
<td>10,101</td>
</tr>
<tr>
<td>RBC Capital Markets, LLC (2)</td>
<td>New York, New York, U.S.</td>
<td></td>
</tr>
<tr>
<td>RBC Global Asset Management (U.S.) Inc.</td>
<td>Minneapolis, Minnesota, U.S.</td>
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<tr>
<td>RBC Dominion Securities Limited</td>
<td>Toronto, Ontario, Canada</td>
<td>5,632</td>
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<tr>
<td>RBC Dominion Securities Inc.</td>
<td>Toronto, Ontario, Canada</td>
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<tr>
<td>RBC Holdings (Barbados) Ltd.</td>
<td>St. Michael, Barbados</td>
<td>2,787</td>
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<tr>
<td>RBC Financial (Caribbean) Limited</td>
<td>Port of Spain, Trinidad and Tobago</td>
<td></td>
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<tr>
<td>RBC Finance S.à r.l./B.V. (2)</td>
<td>Amsterdam, Netherlands</td>
<td>2,551</td>
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<td>RBC Holdings (Luxembourg) S.A R.L.</td>
<td>Luxembourg, Luxembourg</td>
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<tr>
<td>RBC Holdings (Channel Islands) Limited</td>
<td>Jersey, Channel Islands</td>
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<tr>
<td>Royal Bank of Canada (Channel Islands) Limited</td>
<td>Guernsey, Channel Islands</td>
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<tr>
<td>Bluellay Asset Management (Services) Ltd.</td>
<td>London, England</td>
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<td>RBC Europe Limited</td>
<td>London, England</td>
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<td>RBC Capital Trust</td>
<td>Toronto, Ontario, Canada</td>
<td>1,282</td>
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<td>Royal Bank Mortgage Corporation</td>
<td>Toronto, Ontario, Canada</td>
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<tr>
<td>RBC Covered Bond Guarantor Limited Partnership</td>
<td>Toronto, Ontario, Canada</td>
<td>587</td>
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<td>The Royal Trust Company</td>
<td>Montreal, Quebec, Canada</td>
<td>525</td>
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<td>RBC Bank (Georgia), National Association (2)</td>
<td>Atlanta, Georgia, U.S.</td>
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<td>RBC Luxembourg (Suisse) Holdings S.A R.L.</td>
<td>Luxembourg, Luxembourg</td>
<td>151</td>
</tr>
<tr>
<td>Royal Bank of Canada (Suisse) SA</td>
<td>Geneva, Switzerland</td>
<td></td>
</tr>
<tr>
<td>Royal Trust Corporation of Canada</td>
<td>Toronto, Ontario, Canada</td>
<td>142</td>
</tr>
</tbody>
</table>

(1) The Bank directly or indirectly owns 100% of the voting shares of each subsidiary.
(2) Each subsidiary is incorporated or organized under the law of the state or country in which the principal office is situated, except for RBC USA Holdco Corporation which is incorporated under the laws of the State of Delaware, U.S., RBC Capital Markets, LLC, which is organized under the laws of the State of Minnesota, U.S. RBC Finance S.à r.l./B.V. is a company incorporated in the Netherlands with its official seat in Amsterdam, the Netherlands, and place of effective management, central administration, and principal establishment in Luxembourg, Grand Duchy of Luxembourg. It is registered with the Luxembourg Register of Commerce under no. B169,988 and with the Dutch trade register of the Chamber of Commerce under no. 3315188. RBC Bank (Georgia), National Association is a nationally chartered U.S. bank having a head office in Atlanta, Georgia with operations in Raleigh, North Carolina and has adopted the corporate governance procedures of the law of the State of Delaware.
(3) The carrying value (in millions of dollars) of voting shares is stated as the Bank's equity in such investments.
Shareholder information

Corporate headquarters
Street address:
Royal Bank of Canada
200 Bay Street
Toronto, Ontario M5J 2J5
Canada
Tel: 1-888-212-5533
Fax: 416-955-7800

Mailing address:
P.O. Box 1
Royal Bank Plaza
Toronto, Ontario M5J 2J5
Canada
website: rbc.com

Transfer Agent and Registrar
Main Agent:
Computershare Trust Company of Canada
1500 University Street
Suite 700
Montreal, Quebec H3A 3S8
Canada
Tel: 1-866-586-7635 (Canada and the U.S.) or 514-982-7555 (International)
Fax: 514-982-7580
website: computershare.com/rbc

Co-Transfer Agent (U.S.):
Computershare Trust Company, N.A.
250 Royall Street
Canton, Massachusetts 02021
U.S.A.

Co-Transfer Agent (U.K.):
Computershare Investor Services PLC
Securities Services – Registrars
P.O. Box 82, The Pavilions,
Bridgewater Road,
Bristol BS99 7NH
U.K.

Stock exchange listings
(Symbol: RY)
Common shares are listed on:
Canada – Toronto Stock Exchange (TSX)
U.S. – New York Stock Exchange (NYSE)
Switzerland – Swiss Exchange (SIX)
All preferred shares are listed on the TSX.

Valuation day price
For capital gains purposes, the Valuation Day (December 22, 1971) cost base for our common shares is $7.38 per share. This amount has been adjusted to reflect the two-for-one share split of March 1981 and the two-for-one share split of February 1990. The one-for-one share dividends paid in October 2000 and April 2006 did not affect the Valuation Day value for our common shares.

Shareholder contacts
For dividend information, change in share registration or address, lost stock certificates, tax forms, estate transfers or dividend reinvestment, please contact:
Computershare Trust Company of Canada
100 University Avenue, 8th Floor
Toronto, Ontario M5J 2Y1
Canada
Tel: 1-866-586-7635 (Canada and the U.S.) or 514-982-7555 (International)
Fax: 1-888-453-0330 (Canada and the U.S.) or 416-263-9394 (International)
email: service@computershare.com

For other shareholder inquiries, please contact:
Shareholder Relations
Royal Bank of Canada
200 Bay Street
9th Floor, South Tower
Toronto, Ontario M5J 2J5
Canada
Tel: 416-955-7806
Fax: 416-974-3535

Financial analysts, portfolio managers, institutional investors
For financial information inquiries, please contact:
Investor Relations
Royal Bank of Canada
200 Bay Street
4th Floor, North Tower
Toronto, Ontario M5J 2W7
Canada
Tel: 416-955-7802
Fax: 416-955-7800
or visit our website at rbc.com/investorrelations

Direct deposit service
Shareholders in Canada and the U.S. may have their RBC common share dividends deposited directly to their bank account by electronic funds transfer. To arrange for this service, please contact our Transfer Agent and Registrar, Computershare Trust Company of Canada.

Eligible dividend designation
For purposes of the enhanced dividend tax credit rules contained in the Income Tax Act (Canada) and any corresponding provincial and territorial tax legislation, all dividends (and deemed dividends) paid by us to Canadian residents on our common and preferred shares after December 31, 2005, are designated as “eligible dividends.” Unless stated otherwise, all dividends (and deemed dividends) paid by us hereafter are designated as “eligible dividends” for the purposes of such rules.

Dividend dates for 2014
Subject to approval by the Board of Directors

<table>
<thead>
<tr>
<th>Ex-dividend dates</th>
<th>Record dates</th>
<th>Payment dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common and preferred shares series W, AA, AB, AC, AD, AE, AF, AG, AL, AN, AP, AR, AT, AV and AX</td>
<td>January 23</td>
<td>January 27</td>
</tr>
<tr>
<td>January 24</td>
<td>July 24</td>
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<tr>
<td>April 22</td>
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<td>May 23</td>
<td>November 24</td>
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<tr>
<td>August 23</td>
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Goverance
A summary of the significant ways in which corporate governance practices followed by RBC differ from corporate governance practices required to be followed by U.S. domestic companies under the New York Stock Exchange listing standards is available on our website at rbc.com/governance.

Common share repurchases
We are engaged in a Normal Course Issuer Bid (NCIB). During the one-year period commencing November 1, 2013, we may repurchase for cancellation, up to 30 million common shares in the open market at market prices. We determine the amount and timing of the purchases under the NCIB, subject to prior consultation with the Office of the Superintendent of Financial Institutions Canada (OSFI).

A copy of our Notice of Intention to file a NCIB may be obtained, without charge, by contacting our Corporate Secretary at our Toronto mailing address.

2014 Quarterly earnings release dates
First quarter February 26
Second quarter May 22
Third quarter August 22
Fourth quarter December 3

2014 Annual Meeting
The Annual Meeting of Common Shareholders will be held on Wednesday, February 26, 2014, at 9:00 a.m. (Eastern Standard Time) at the Metro Toronto Convention Centre, North Building, 255 Front Street West, Toronto, Ontario, Canada

Information contained in or otherwise accessible through the websites mentioned in this report to shareholders does not form a part of this report. All references to websites are inactive textual references and for your information only.

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SERVICE
TEAMWORK
RESPONSIBILITY
DIVERSITY
INTEGRITY