## Supplementary Financial Information



For the period ended January 31, 2016
(UNAUDITED)

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## Page

## Notes to Users

2 Financial Highlights

## Consolidated Results

Statements of income
6 Revenue from trading activities
7 Non-interest expense

## Segment Details

Personal \& Commercial Banking
Canadian Banking
Wealth Management
Insurance
Investor \& Treasury Services
Capital Markets
Corporate Support
On- and Off-Balance Sheet
Balance sheets (period-end balances)
Selected average balance sheet items
Assets under administration and management
Statements of comprehensive income
Statements of changes in equity
Securitization

## Capital

Basel III regulatory capital and ratios (all-in basis)
Regulatory capital balance sheet
Flow statement of the movements in regulatory capital
Total capital risk-weighted assets
Market Risk - Risk-weighted assets by approach (all-in basis)
Total capital risk-weighted assets by business segments (all-in basis)
Movement of total capital risk-weighted assets by risk type (all-in basis)
Attributed capital

## Page

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Capital (continued)
    Leverage ratio
    Leverage ratio common disclosure template
```


## Credit Quality

Loans and acceptances
Gross impaired loans
Provision for credit losses
Allowance for credit losses
Credit quality ratios

## Credit Risk Exposure

Gross credit risk exposure by geography and portfolio
Reconciliation of gross credit risk exposure to balance sheet
Exposure covered by credit risk mitigation
Credit exposure by residual contractual maturity
Credit exposure of portfolios under the standardized approach
by risk weight
Actual losses vs. estimated losses
Basel Pillar 3 back-testing (Internal ratings based)
Credit quality of advanced internal ratings based (AIRB)
exposure - retail portfolios by portfolio and risk rating
Wholesale credit exposure by portfolio and risk rating
Realized gains and losses on available-for-sale securities
Trading credit derivatives
Other than trading credit derivatives positions
Fair value of derivative instruments
Derivatives - Notional amounts
Derivatives - Related credit risk
Market risk regulatory capital - Internal models-based approach VaR

## Calculation of ROE and RORC <br> Key performance and Non-GAAP measures <br> Glossary

## otes to Users

These Consolidated Financial Statements are prepared in compliance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB), International Accounting Standard
This is not audited and should be read in conjunction with our Q1 2016 Report o Shareholders and our 2015 Annual Report. Certain comparative amounts have been reclassified to conform to the current period's presentation

## Leverage ratio and Leverage ratio exposure

Banks are required to disclose the leverage ratio and its components, which has replaced the Office of the Superintendent of Financial Institutions (OSFI) assets-to capital multiple (ACM), effective the first fiscal quarter of 2015
he leverage ratio is defined as the capital measure divided by the exposure measure. The capital measure is currently defined as Tier 1 capital and the exposure measure is the sum of (a) on-balance sheet exposures;
b) derivative exposures; (c) securities financing transaction (SFT) exposures and (d) off-balance sheet items. The leverage ratio and leverage ratio common disclosure templates can be found on pages 29 and 30 .

Capital Disclosure Requirements related to Basel III Pillar
 and conditions for each of our capital instruments on our Investor Relations website at http://www.rbc.com/investorrelations/quarterly-financial-statements.htm.

The Financial Stability Board's Enhanced Disclosure Task Force (EDTF) issued a report titled "Enhancing the Risk Disclosures of Banks" in October 2012. The following index lists the disclosure related to these recommendations contained in this document.

| Type of Risk | Recommendation | Disclosure | Page |
| :---: | :---: | :---: | :---: |
| Capital adequacy and risk-weighted assets | 10 | Composition of capital and reconciliation of the accounting balance sheet to the regulatory balance sheet | 21-24 |
|  | 11 | Flow statement of the movements in regulatory capital | 25 |
|  | 13 | Risk-weighted assets (RWA) by business segments | 28 |
|  | 14 | Analysis of capital requirement, and related measurement model information | 26-27 |
|  | 15 | RWA credit risk and related risk measurements | 42-44 |
|  | 16 | Movement of risk-weighted assets by risk type | 28 |
|  | 17 | Basel Pillar 3 back-testing | 42 |
| Credit risk | 26 | Bank's credit risk profile <br> Reconciliation of gross credit risk exposure to balance sheet | $\begin{aligned} & 31-44 \\ & 40 \end{aligned}$ |
|  | 28 | Reconciliation of the opening and closing balances of impaired loans and impairment allowances during the year | 33, 37 |
|  | 29 | Quantification of gross notional exposure for OTC derivatives or exchange-traded derivatives | 46 |
|  | 30 | Credit risk mitigation, including collateral held for all sources of credit risk | 41 |

For a full index of where to find all EDTF related disclosures, see p. 51 of our Q1 2016 Report to Shareholders.

| FINANCIAL HIGHLIGHTS <br> (Millions of Canadian dollars, except otherwise noted) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SELECTED INCOME STATEMENT INFORMATION |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 4,196 | 3,800 | 3,783 | 3,557 | 3,631 | 3,560 | 3,647 | 3,449 | 3,460 | 14,771 | 14,116 |
| Non-interest income | 5,163 | 4,219 | 5,045 | 5,273 | 6,013 | 4,822 | 5,343 | 4,827 | 5,000 | 20,550 | 19,992 |
| Total revenue | 9,359 | 8,019 | 8,828 | 8,830 | 9,644 | 8,382 | 8,990 | 8,276 | 8,460 | 35,321 | 34,108 |
| Provision for credit losses (PCL) | 410 | 275 | 270 | 282 | 270 | 345 | 283 | 244 | 292 | 1,097 | 1,164 |
| Insurance policyholder benefits, claims and acquisition expense | 829 | 292 | 656 | 493 | 1,522 | 752 | 1,009 | 830 | 982 | 2,963 | 3,573 |
| Non-interest expense (NIE) | 4,960 | 4,647 | 4,635 | 4,736 | 4,620 | 4,340 | 4,602 | 4,332 | 4,387 | 18,638 | 17,661 |
| Net income | 2,447 | 2,593 | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 10,026 | 9,004 |
| Less: Non-controlling interest | (21) | (24) | (26) | (29) | (22) | (17) | (26) | (26) | (25) | (101) | (94) |
| Preferred dividends | (60) | (54) | (50) | (47) | (40) | (44) | (55) | (52) | (62) | (191) | (213) |
| Net income available to common shareholders | 2,366 | 2,515 | 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 9,734 | 8,697 |
| Add: Dilutive impact of exchangeable shares | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 10 | 15 | 21 |
| Net income available to common shareholders including dilutive impact of exchangeable shares | 2,370 | 2,519 | 2,403 | 2,429 | 2,398 | 2,276 | 2,300 | 2,127 | 2,015 | 9,749 | 8,718 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| PROFITABILITY MEASURES |  |  |  |  |  |  |  |  |  |  |  |
| Earnings per share (EPS) - basic | \$1.59 | \$1.74 | \$1.66 | \$1.68 | \$1.66 | \$1.57 | \$1.59 | \$1.47 | \$1.39 | \$6.75 | \$6.03 |
| - diluted | \$1.58 | \$1.74 | \$1.66 | \$1.68 | \$1.65 | \$1.57 | \$1.59 | \$1.47 | \$1.38 | \$6.73 | \$6.00 |
| Common shares outstanding (000s) ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |
| - average (basic) | 1,486,560 | 1,443,992 | 1,443,052 | 1,442,078 | 1,442,591 | 1,442,368 | 1,442,312 | 1,443,115 | 1,442,434 | 1,442,935 | 1,442,553 |
| - average (diluted) | 1,495,035 | 1,450,405 | 1,449,540 | 1,448,651 | 1,449,419 | 1,449,342 | 1,449,455 | 1,450,271 | 1,458,742 | 1,449,509 | 1,452,003 |
| Return on common equity (ROE) ${ }^{2}$ | 15.3 \% | 17.9\% | 18.1\% | 19.3\% | 19.3\% | 19.0\% | 19.6\% | 19.1\% | 18.1\% | 18.6\% | 19.0\% |
| Return on assets | 0.83\% | 0.94\% | 0.94\% | 0.99\% | 0.94\% | 0.98\% | 1.04\% | 1.01\% | 0.94\% | 0.95\% | 0.99\% |
| Return on RWA ${ }^{3}$ | 2.12\% | 2.50\% | 2.34\% | 2.59\% | 2.40\% | 2.51\% | 2.56\% | 2.59\% | 2.43\% | 2.45\% | 2.52\% |
| Efficiency ratio | 53.0\% | 57.9\% | 52.5\% | 53.6\% | 47.9\% | 51.8\% | 51.2\% | 52.3\% | 51.9\% | 52.8\% | $51.8 \%$ |
| Adjusted efficiency ratio ${ }^{4}$ | 53.2 \% | 54.8\% | 52.3\% | 51.9\% | 52.1\% | 52.0\% | 52.7\% | 52.5\% | 52.6\% | 52.7\% | $52.5 \%$ |
| KEY RATIOS |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Diluted EPS growth ${ }^{5}$ | (4.2)\% | 10.8 \% | 4.4 \% | 14.3 \% | 19.6 \% | 12.9 \% | 5.3 \% | 17.6 \% | $3.0 \%$ | 12.2 \% | 9.3\% |
| Revenue growth | (3.0)\% | (4.3)\% | (1.8)\% | 6.7 \% | 14.0 \% | 5.8 \% | 25.3 \% | 7.2 \% | 7.6\% | 3.6 \% | 11.2\% |
| Adjusted revenue growth ${ }^{4}$ | 5.1 \% | $1.7 \%$ | $1.5 \%$ | 10.6 \% | 6.4 \% | 4.9 \% | 13.0 \% | $9.3 \%$ | $4.9 \%$ | $5.0 \%$ | 8.0\% |
| NIE growth | 7.4 \% | 7.1 \% | 0.7 \% | 9.3 \% | 5.3 \% | 4.6 \% | 15.1 \% | $7.9 \%$ | $8.3 \%$ | 5.5 \% | 8.9\% |
| Operating leverage | (10.4)\% | (11.4)\% | (2.5)\% | (2.6)\% | 8.7 \% | 1.3\% | 10.2 \% | (0.7)\% | (0.8)\% | (1.9)\% | 2.2 \% |
| Adjusted operating leverage ${ }^{4}$ | (2.3)\% | (5.4)\% | 0.8\% | 1.2\% | 1.1\% | $0.4 \%$ | (2.1)\% | $1.4 \%$ | (3.4)\% | (0.5)\% | (0.9)\% |
| PCL on impaired loans as a \% of Average net loans and acceptances | 0.31 \% | 0.23 \% | 0.23\% | 0.25 \% | 0.24 \% | 0.31 \% | 0.26 \% | $0.23 \%$ | 0.27 \% | 0.24 \% | 0.27\% |
| Net interest margin (total average assets) | 1.42 \% | 1.38 \% | 1.44 \% | 1.41 \% | 1.39 \% | 1.49 \% | 1.60 \% | 1.59 \% | 1.56 \% | $1.40 \%$ | 1.56\% |
| Net interest margin (total average assets) excluding Trading Assets, Trading NII and Insurance Assets | 2.04\% | 2.00\% | 2.07\% | $2.07 \%$ | $2.15 \%$ | 2.18\% | 2.27 \% | 2.28 \% | 2.30 \% | 2.07 \% | 2.26\% |
| Non-interest income as \% of total revenue | 55.2 \% | 52.6 \% | 57.1 \% | 59.7 \% | 62.3 \% | 57.5 \% | 59.4 \% | 58.3 \% | 59.1 \% | 58.2 \% | 58.6\% |
| Effective tax rate | 22.6\% | 7.6 \% | 24.2 \% | 24.6 \% | 24.0 \% | 20.8\% | 23.2 \% | 23.3\% | 25.3\% | 20.6\% | 23.1\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| CAPITAL MEASURES - CONSOLIDATED |  |  |  |  |  |  |  |  |  |  |  |
| Common Equity Tier 1 capital ratio (CET1) ${ }^{3}$ | 9.9\% | 10.6\% | 10.1\% | 10.0\% | 9.6\% | 9.9\% | 9.5\% | 9.7\% | 9.7\% | 10.6\% | 9.9\% |
| Tier 1 capital ratio ${ }^{3}$ | 11.3\% | 12.2\% | 11.7\% | 11.6\% | 11.0\% | 11.4\% | 11.2\% | 11.4\% | 11.5\% | 12.2\% | 11.4\% |
| Total capital ratio ${ }^{3}$ | 13.4\% | 14.0\% | 13.4\% | 13.5\% | 13.0\% | 13.4\% | 13.0\% | 13.2\% | 13.5\% | 14.0\% | 13.4\% |
| Asset-to-capital multiple ${ }^{6}$ | n.a. | n.a. | n.a. | n.a. | n.a. | 17.0x | 17.3 X | 17.5X | 17.6X | n.a. | 17.0x |
| Total capital risk-weighted assets (\$ billions) ${ }^{3}$ | 462.4 | 414.0 | 421.9 | 399.0 | 407.9 | 372.0 | 371.9 | 349.1 | 341.8 | 414.0 | 372.0 |
| Gross-adjusted assets (\$ billions) ${ }^{6}$ | n.a. | n.a. | n.a. | n.a. | n.a. | 885.0 | 867.9 | 849.8 | 850.8 | n.a. | 885.0 |
| Leverage ratio - all-in basis ${ }^{6}$ | 4.0\% | 4.3\% | 4.2\% | 4.0\% | 3.8\% | n.a. | n.a. | n.a. | n.a. | 4.3\% | n.a. |
| Leverage ratio exposure - all-in basis (\$ billions) ${ }^{6}$ | 1,288.5 | 1,170.2 | 1,178.4 | 1,137.8 | 1,178.9 | n.a. | n.a. | n.a. | n.a. | 1,170.2 | n.a. |

${ }^{1}$ Average common shares outstanding includes the impact of treasury shares held.
${ }^{2}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50.

 $65 \%$ and $77 \%$ applied to CET1, Tier 1 and Total capital respectively. 2015 and 2016 CVA scalars are $64 \%, 71 \%$ and $77 \%$.
${ }^{4}$ Ratios and calculations have been adjusted to exclude the change in fair value backing our policyholder liabilities from revenue and revenue growth. These are non-GAAP measures. Refer to page 50 for further details.
${ }^{5}$ Growth rates are calculated based on earnings in the same period a year ago

 ratio is based on the Tier 1 capital.

| FINANCIAL HIGHLIGHTS continued (Millions of Canadian dollars, except otherwise noted) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADJUSTED BASIS MEASURES ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 2,366 | 2,515 | 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 9,734 | 8,697 |
| Adjustments |  |  |  |  |  |  |  |  |  |  |  |
| Add: After-tax effect of amortization of other intangibles ${ }^{2}$ | 56 | 26 | 27 | 34 | 30 | 36 | 31 | 31 | 33 | 117 | 131 |
| Loss on sale of RBC Jamaica |  |  |  |  | - |  | 40 |  | 60 |  | 100 |
| Caribbean provision related to post-employment benefits and restructuring charges |  |  |  |  | - |  | - |  | 32 |  | 32 |
| Cumulative translation adjustment release |  |  | - | (108) | - | - | - |  |  | (108) |  |
| City National transaction and integration costs | 23 | 23 | 1 | 3 | 10 | - | - | - | - | 37 |  |
|  | 2,445 | 2,564 | 2,427 | 2,355 | 2,434 | 2,308 | 2,368 | 2,154 | 2,130 | 9,780 | 8,960 |
| Add: Dilutive impact of exchangeable shares | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 10 | 15 | 21 |
| Net income available to common shareholders including dilutive impact of exchangeable shares | 2,449 | 2,568 | 2,431 | 2,358 | 2,438 | 2,312 | 2,371 | 2,158 | 2,140 | 9,795 | 8,981 |
| Adjusted EPS | \$1.64 | \$1.78 | \$1.68 | \$1.63 | \$1.69 | \$1.60 | \$1.64 | \$1.49 | \$1.48 | \$6.78 | \$6.21 |
| Adjusted diluted EPS | \$1.64 | \$1.77 | \$1.68 | \$1.63 | \$1.68 | \$1.59 | \$1.64 | \$1.49 | \$1.47 | \$6.76 | \$6.19 |
| Adjusted ROE | 15.8\% | 18.2\% | 18.3\% | 18.8\% | 19.6\% | 19.3\% | 20.3\% | 19.4\% | 19.2\% | 18.7\% | 19.6\% |
| ECONOMIC PROFIT |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 2,447 | 2,593 | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 10,026 | 9,004 |
| Non-controlling interests | (21) | (24) | (26) | (29) | (22) | (17) | (26) | (26) | (25) | (101) | (94) |
| After-tax effect of amortization of other intangibles | 56 | 26 | 27 | 30 | 30 | 30 | 29 | 31 | 33 | 113 | 123 |
| Goodwill and other intangibles impairment | - |  | - | 4 | - | 6 | 2 | - | - | 4 | 8 |
| Capital charge | $(1,451)$ | $(1,319)$ | $(1,244)$ | $(1,176)$ | $(1,157)$ | $(1,121)$ | $(1,107)$ | $(1,052)$ | $(1,061)$ | $(4,896)$ | $(4,341)$ |
| Economic profit ${ }^{3}$ | 1,031 | 1,276 | 1,232 | 1,331 | 1,307 | 1,231 | 1,276 | 1,154 | 1,039 | 5,146 | 4,700 |
| ADDITIONAL SHARE INFORMATION |  |  |  |  |  |  |  |  |  |  |  |
| Common shares outstanding (000s) - end of period | 1,486,631 | 1,443,423 | 1,443,192 | 1,443,102 | 1,442,592 | 1,442,233 | 1,441,536 | 1,441,349 | 1,442,195 | 1,443,423 | 1,442,233 |
| Treasury shares held |  |  |  |  |  |  |  |  |  |  |  |
| - preferred (000s) | (17) | (63) | (6) | 71 | 57 |  | (57) | 11 | (2) | (63) | 1 |
| - common (000s) | 1,193 | 532 | 479 | $(1,357)$ | (742) | 892 | 118 | 1,097 | 556 | 532 | 892 |
| Stock options outstanding (000s) | 14,797 | 8,182 | 8,414 | 8,504 | 9,023 | 8,579 | 9,276 | 9,635 | 10,170 | 8,182 | 8,579 |
| Stock options exercisable (000s) | 10,188 | 5,231 | 5,463 | 5,553 | 6,062 | 4,987 | 5,684 | 6,035 | 6,571 | 5,231 | 4,987 |
| Dividends declared per common share | \$0.79 | \$0.79 | \$0.77 | \$0.77 | \$0.75 | \$0.75 | \$0.71 | \$0.71 | \$0.67 | \$3.08 | \$2.84 |
| Dividend yield | 4.4\% | 4.3\% | 4.0\% | 4.0\% | 3.9\% | 3.8\% | 3.7\% | 4.0\% | 3.8\% | 4.1\% | 3.8\% |
| Dividend payout ratio | 50\% | 45\% | 46\% | 46\% | 45\% | 48\% | 45\% | 48\% | 48\% | 46\% | 47\% |
| Common dividends | 1,175 | 1,141 | 1,110 | 1,111 | 1,081 | 1,081 | 1,025 | 1,025 | 966 | 4,443 | 4,097 |
| Preferred dividends | 60 | 54 | 50 | 47 | 40 | 44 | 55 | 52 | 62 | 191 | 213 |
| Book value per share | \$42.42 | \$39.51 | \$38.20 | \$35.91 | \$35.59 | \$33.69 | \$32.58 | \$31.85 | \$31.29 | \$39.51 | \$33.69 |
| Common share price (RY on TSX) |  |  |  |  |  |  |  |  |  |  |  |
| - High | \$77.67 | \$77.60 | \$80.85 | \$81.53 | \$83.87 | \$83.20 | \$81.24 | \$73.69 | \$73.36 | \$83.87 | \$83.20 |
| - Low | \$64.95 | \$68.05 | \$72.98 | \$72.16 | \$71.74 | \$75.25 | \$72.40 | \$67.65 | \$67.80 | \$68.05 | \$67.65 |
| - Close, end of period | \$72.55 | \$74.77 | \$76.26 | \$80.11 | \$71.74 | \$80.01 | \$80.47 | \$73.15 | \$68.93 | \$74.77 | \$80.01 |
| Market capitalization (TSX) | 107,855 | 107,925 | 110,058 | 115,607 | 103,492 | 115,393 | 116,000 | 105,435 | 99,411 | 107,925 | 115,393 |
| Market price to book value | 1.71 | 1.89 | 2.00 | 2.23 | 2.02 | 2.38 | 2.47 | 2.30 | 2.20 | 1.89 | 2.38 |

[^0]| FINANCIAL HIGHLIGHTS continued |
| :--- |
| (Millions of Canadian dollars, except otherwise noted) |
| SELECTED BALANCE SHEET INFORMATION |
| Average loans and acceptances |
| Total assets |
| Average assets |
| Average earning assets |
| Deposits |
| Common equity |
| Average common equity |


| OTHER INFORMATION |
| :--- |
| Number of employees (full-time equivalent) |
| Canada |
| US |
| Other |
| Total |
| Number of banking branches |
| Canada |
| US |
| Other |
| Total |
| Number of automated teller machines (ATM) |



Before-tax impact of $1 \%$ increase in rates on
Net interest income risk
Economic value of equity
Before-tax impact of $1 \%$ decrease in rates on
Net interest income risk

|  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 525,200 | 481,400 | 469,700 | 460,900 | 454,300 | 444,300 | 435,500 | 428,900 | 423,300 |
| $1,200,352$ | $1,074,208$ | $1,08,173$ | $1,03,172$ | $1,08,695$ | 940,550 | 913,870 | 895,896 | 904,717 |
| $1,179,300$ | $1,09,100$ | $1,04,900$ | $1,038,000$ | $1,03,900$ | 948,300 | 904,200 | 891,900 | 881,200 |
| 976,300 | 90,700 | 874,700 | 851,700 | 827,300 | 785,000 | 762,400 | 750,900 | 739,800 |
| 769,568 | 697,227 | 694,236 | 651,551 | 654,707 | 614,100 | 601,691 | 590,959 | 594,444 |
| 63,111 | 57,048 | 55,153 | 51,779 | 51,314 | 48,615 | 46,965 | 45,933 | 45,136 |
| 61,450 | 55,800 | 52,600 | 51,500 | 49,250 | 47,450 | 46,400 | 45,550 | 44,050 |


|  |  |
| ---: | ---: |
| 466,600 | 433,000 |
| $1,074,208$ | 940,550 |
| $1,052,800$ | 906,500 |
| 864,800 | 759,600 |
| 697,227 | 614,100 |
| 57,048 | 48,615 |
| 52,300 | 45,700 |

Economic value of equity

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 427 | 289 | 337 | 357 | 432 | 414 | 394 | 397 | 467 |
| $(1,286)$ | $(1,072)$ | $(893)$ | $(877)$ | $(872)$ | $(916)$ | $(827)$ | $(692)$ | $(483)$ |
|  |  |  |  |  |  |  |  |  |
| $(457)$ | $(370)$ | $(319)$ | $(353)$ | $(330)$ | $(348)$ | $(321)$ | $(358)$ | $(318)$ |
| 593 | 829 | 566 | 622 | 656 | 754 | 685 | 568 | 406 |


|  |  |
| ---: | :---: |
| 289 | 414 |
| $(1,072)$ | $(916)$ |
|  |  |
| $(370)$ | $(348)$ |
| 829 | 754 |

${ }^{1}$ Amounts represent the 12 -month Net interest exposure to an instantaneous and sustained shift in interest rates.

| STATEMENTS OF INCOME (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income |  |  |  |  |  |  |  |  |  |  |  |
| Interest income | 6,056 | 5,715 | 5,755 | 5,557 | 5,702 | 5,476 | 5,673 | 5,420 | 5,450 | 22,729 | 22,019 |
| Interest expense | 1,860 | 1,915 | 1,972 | 2,000 | 2,071 | 1,916 | 2,026 | 1,971 | 1,990 | 7,958 | 7,903 |
| Total | 4,196 | 3,800 | 3,783 | 3,557 | 3,631 | 3,560 | 3,647 | 3,449 | 3,460 | 14,771 | 14,116 |
| Non-interest income |  |  |  |  |  |  |  |  |  |  |  |
| Accounts | 315 | 304 | 300 | 292 | 297 | 286 | 283 | 276 | 275 | 1,193 | 1,120 |
| Other payment services | 116 | 100 | 105 | 99 | 95 | 100 | 97 | 88 | 89 | 399 | 374 |
| Service charges | 431 | 404 | 405 | 391 | 392 | 386 | 380 | 364 | 364 | 1,592 | 1,494 |
| Insurance premiums, investment and fee income | 1,159 | 717 | 1,021 | 806 | 1,892 | 1,167 | 1,383 | 1,125 | 1,282 | 4,436 | 4,957 |
| Trading revenue | 90 | (203) | 56 | 359 | 340 | (153) | 285 | 300 | 310 | 552 | 742 |
| Investment management and custodial fees | 1,054 | 942 | 966 | 943 | 927 | 886 | 838 | 819 | 812 | 3,778 | 3,355 |
| Mutual fund revenue | 719 | 731 | 739 | 716 | 695 | 691 | 671 | 624 | 635 | 2,881 | 2,621 |
| Securities brokerage commissions | 367 | 352 | 358 | 361 | 365 | 347 | 340 | 351 | 341 | 1,436 | 1,379 |
| Underwriting and other advisory fees | 374 | 350 | 531 | 559 | 445 | 428 | 552 | 428 | 401 | 1,885 | 1,809 |
| Foreign exchange revenue, other than trading | 182 | 222 | 137 | 301 | 154 | 207 | 215 | 237 | 168 | 814 | 827 |
| Card service revenue | 216 | 193 | 209 | 192 | 204 | 180 | 181 | 153 | 175 | 798 | 689 |
| Credit fees | 263 | 308 | 320 | 311 | 245 | 239 | 317 | 237 | 287 | 1,184 | 1,080 |
| Net gain (loss) on available-for-sale securities | 52 | 34 | 42 | 42 | 27 | 62 | 36 | 71 | 23 | 145 | 192 |
| Share of profit (loss) in joint ventures and associates | 47 | 40 | 28 | 39 | 42 | 34 | 44 | 40 | 44 | 149 | 162 |
| Other | 209 | 129 | 233 | 253 | 285 | 348 | 101 | 78 | 158 | 900 | 685 |
| Total | 5,163 | 4,219 | 5,045 | 5,273 | 6,013 | 4,822 | 5,343 | 4,827 | 5,000 | 20,550 | 19,992 |
| Total revenue | 9,359 | 8,019 | 8,828 | 8,830 | 9,644 | 8,382 | 8,990 | 8,276 | 8,460 | 35,321 | 34,108 |
| Provision for credit losses | 410 | 275 | 270 | 282 | 270 | 345 | 283 | 244 | 292 | 1,097 | 1,164 |
| Insurance policyholder benefits, claims and acquisition expense | 829 | 292 | 656 | 493 | 1,522 | 752 | 1,009 | 830 | 982 | 2,963 | 3,573 |
| Non-interest expense | 4,960 | 4,647 | 4,635 | 4,736 | 4,620 | 4,340 | 4,602 | 4,332 | 4,387 | 18,638 | 17,661 |
| Income before income taxes | 3,160 | 2,805 | 3,267 | 3,319 | 3,232 | 2,945 | 3,096 | 2,870 | 2,799 | 12,623 | 11,710 |
| Income taxes | 713 | 212 | 792 | 817 | 776 | 612 | 718 | 669 | 707 | 2,597 | 2,706 |
| Net income | 2,447 | 2,593 | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 10,026 | 9,004 |
| Net income (loss) attributable to: |  |  |  |  |  |  |  |  |  |  |  |
| Shareholders | 2,426 | 2,569 | 2,449 | 2,473 | 2,434 | 2,316 | 2,352 | 2,175 | 2,067 | 9,925 | 8,910 |
| Non-controlling interests ( NCl ) | 21 | 24 | 26 | 29 | 22 | 17 | 26 | 26 | 25 | 101 | 94 |
| Net income | 2,447 | 2,593 | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 10,026 | 9,004 |
| Net income | 2,447 | 2,593 | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 10,026 | 9,004 |
| Non-controlling interests | (21) | (24) | (26) | (29) | (22) | (17) | (26) | (26) | (25) | (101) | (94) |
| Preferred dividends | (60) | (54) | (50) | (47) | (40) | (44) | (55) | (52) | (62) | (191) | (213) |
| Net income available to common shareholders | 2,366 | 2,515 | 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 9,734 | 8,697 |


| REVENUE FROM TRADING ACTIVITIES (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total trading revenue |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 638 | 640 | 623 | 595 | 540 | 524 | 578 | 498 | 429 | 2,398 | 2,029 |
| Non-interest income ${ }^{1}$ | 90 | (203) | 56 | 359 | 340 | (153) | 285 | 300 | 310 | 552 | 742 |
| Total | 728 | 437 | 679 | 954 | 880 | 371 | 863 | 798 | 739 | 2,950 | 2,771 |
| Trading revenue by product |  |  |  |  |  |  |  |  |  |  |  |
| Interest rate and credit | 384 | 162 | 358 | 498 | 382 | 120 | 524 | 459 | 457 | 1,400 | 1,560 |
| Equities | 207 | 174 | 206 | 316 | 349 | 136 | 251 | 259 | 168 | 1,045 | 814 |
| Foreign exchange and commodities | 137 | 101 | 115 | 140 | 149 | 115 | 88 | 80 | 114 | 505 | 397 |
| Total | 728 | 437 | 679 | 954 | 880 | 371 | 863 | 798 | 739 | 2,950 | 2,771 |
| Trading revenue (teb) by product |  |  |  |  |  |  |  |  |  |  |  |
| Interest rate and credit | 384 | 162 | 358 | 498 | 382 | 120 | 524 | 459 | 457 | 1,400 | 1,560 |
| Equities | 358 | 387 | 339 | 430 | 458 | 236 | 426 | 380 | 263 | 1,614 | 1,305 |
| Foreign exchange and commodities | 137 | 100 | 115 | 140 | 149 | 115 | 88 | 80 | 114 | 504 | 397 |
| Total (teb) | 879 | 649 | 812 | 1,068 | 989 | 471 | 1,038 | 919 | 834 | 3,518 | 3,262 |
| Trading revenue (teb) by product - Capital Markets |  |  |  |  |  |  |  |  |  |  |  |
| Interest rate and credit | 327 | 181 | 315 | 431 | 311 | 62 | 446 | 392 | 393 | 1,238 | 1,293 |
| Equities | 381 | 390 | 339 | 426 | 435 | 234 | 414 | 352 | 244 | 1,590 | 1,244 |
| Foreign exchange and commodities | 117 | 77 | 82 | 108 | 109 | 96 | 75 | 66 | 96 | 376 | 333 |
| Total (teb) | 825 | 648 | 736 | 965 | 855 | 392 | 935 | 810 | 733 | 3,204 | 2,870 |
| Trading revenue (teb) - Investor \& Treasury Services | 48 | (26) | 44 | 58 | 76 | 47 | 51 | 43 | 50 | 152 | 191 |

 Consolidated Financial Statements.

| NON-INTEREST EXPENSE <br> (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Human resources |  |  |  |  |  |  |  |  |  |  |  |
| Salaries | 1,492 | 1,348 | 1,309 | 1,273 | 1,267 | 1,233 | 1,216 | 1,185 | 1,200 | 5,197 | 4,834 |
| Variable compensation | 1,074 | 955 | 1,133 | 1,264 | 1,181 | 923 | 1,253 | 1,104 | 1,108 | 4,533 | 4,388 |
| Benefits and retention compensation | 464 | 355 | 399 | 421 | 432 | 361 | 373 | 396 | 431 | 1,607 | 1,561 |
| Stock-based compensation ${ }^{1}$ | 46 | 24 | 49 | 38 | 135 | 64 | 24 | 49 | 111 | 246 | 248 |
| Total Human resources | 3,076 | 2,682 | 2,890 | 2,996 | 3,015 | 2,581 | 2,866 | 2,734 | 2,850 | 11,583 | 11,031 |
| Equipment |  |  |  |  |  |  |  |  |  |  |  |
| Depreciation | 64 | 58 | 55 | 53 | 54 | 53 | 52 | 51 | 51 | 220 | 207 |
| Computer rental and maintenance | 287 | 282 | 268 | 253 | 238 | 228 | 231 | 231 | 229 | 1,041 | 919 |
| Office equipment rental and maintenance | 5 | 2 | 4 | 5 | 5 | 7 | 4 | 6 | 4 | 16 | 21 |
| Total Equipment | 356 | 342 | 327 | 311 | 297 | 288 | 287 | 288 | 284 | 1,277 | 1,147 |
| Occupancy |  |  |  |  |  |  |  |  |  |  |  |
| Premises rent | 163 | 151 | 153 | 132 | 145 | 132 | 134 | 135 | 130 | 581 | 531 |
| Premises repairs and maintenance | 109 | 111 | 89 | 114 | 87 | 100 | 113 | 94 | 94 | 401 | 401 |
| Depreciation | 88 | 81 | 72 | 81 | 73 | 79 | 73 | 72 | 68 | 307 | 292 |
| Property taxes | 33 | 25 | 37 | 29 | 30 | 22 | 30 | 30 | 24 | 121 | 106 |
| Total Occupancy | 393 | 368 | 351 | 356 | 335 | 333 | 350 | 331 | 316 | 1,410 | 1,330 |
| Communications |  |  |  |  |  |  |  |  |  |  |  |
| Telecommunications | 42 | 43 | 42 | 39 | 40 | 41 | 33 | 39 | 41 | 164 | 154 |
| Postage and courier | 49 | 43 | 41 | 54 | 41 | 40 | 42 | 48 | 40 | 179 | 170 |
| Marketing and public relations | 94 | 147 | 110 | 113 | 98 | 154 | 114 | 103 | 71 | 468 | 442 |
| Stationery and printing | 18 | 20 | 20 | 18 | 19 | 24 | 18 | 21 | 18 | 77 | 81 |
| Total Communications | 203 | 253 | 213 | 224 | 198 | 259 | 207 | 211 | 170 | 888 | 847 |
| Professional fees | 240 | 307 | 223 | 204 | 198 | 263 | 178 | 162 | 160 | 932 | 763 |
| Amortization of other intangibles |  |  |  |  |  |  |  |  |  |  |  |
| Computer software | 153 | 150 | 145 | 142 | 138 | 141 | 135 | 127 | 117 | 575 | 520 |
| Other | 81 | 30 | 35 | 36 | 36 | 35 | 36 | 36 | 39 | 137 | 146 |
| Total Amortization of other intangibles | 234 | 180 | 180 | 178 | 174 | 176 | 171 | 163 | 156 | 712 | 666 |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Business and capital taxes | 31 | 76 | 26 | 30 | 27 | 31 | 31 | 6 | 26 | 159 | 94 |
| Travel and relocation | 51 | 54 | 53 | 51 | 43 | 52 | 49 | 45 | 40 | 201 | 186 |
| Employee training | 11 | 16 | 13 | 12 | 9 | 16 | 11 | 10 | 9 | 50 | 46 |
| Donations | 19 | 25 | 19 | 18 | 15 | 22 | 21 | 12 | 15 | 77 | 70 |
| Outsourced item processing | 46 | 43 | 44 | 44 | 43 | 41 | 43 | 48 | 46 | 174 | 178 |
| Impairment of other intangibles | - | 1 | (1) | 6 | 1 | 6 | 2 | - | - | 7 | 8 |
| Impairment of investments in joint ventures and associates | 6 | (17) | 5 | 9 | 6 | (17) | 5 | 6 | 6 | 3 | - |
| Other | 294 | 317 | 292 | 297 | 259 | 289 | 381 | 316 | 309 | 1,165 | 1,295 |
| Total Other | 458 | 515 | 451 | 467 | 403 | 440 | 543 | 443 | 451 | 1,836 | 1,877 |
| Total non-interest expense | 4,960 | 4,647 | 4,635 | 4,736 | 4,620 | 4,340 | 4,602 | 4,332 | 4,387 | 18,638 | 17,661 |

${ }^{1}$ Stock-based compensation includes the cost of stock options, performance deferred shares, deferred compensation plans and the impact of related economic hedges.

| PERSONAL \& COMMERCIAL BANKING ${ }^{1}$ <br> (Millions of Canadian dollars, except percentage amounts) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 2,572 | 2,569 | 2,543 | 2,399 | 2,493 | 2,447 | 2,475 | 2,378 | 2,443 | 10,004 | 9,743 |
| Non-interest income | 1,111 | 1,080 | 1,083 | 1,073 | 1,073 | 1,104 | 987 | 928 | 968 | 4,309 | 3,987 |
| Total revenue | 3,683 | 3,649 | 3,626 | 3,472 | 3,566 | 3,551 | 3,462 | 3,306 | 3,411 | 14,313 | 13,730 |
| Provision for credit losses (PCL) | 284 | 240 | 257 | 235 | 252 | 314 | 284 | 231 | 274 | 984 | 1,103 |
| Non-interest expense | 1,676 | 1,717 | 1,648 | 1,618 | 1,628 | 1,686 | 1,632 | 1,572 | 1,673 | 6,611 | 6,563 |
| Income taxes | 433 | 422 | 440 | 419 | 431 | 400 | 408 | 388 | 393 | 1,712 | 1,589 |
| Net income | 1,290 | 1,270 | 1,281 | 1,200 | 1,255 | 1,151 | 1,138 | 1,115 | 1,071 | 5,006 | 4,475 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |
| Personal Financial Services | 1,932 | 1,956 | 1,949 | 1,843 | 1,886 | 1,843 | 1,857 | 1,780 | 1,805 | 7,634 | 7,285 |
| Business Financial Services | 792 | 774 | 780 | 745 | 792 | 869 | 771 | 737 | 758 | 3,091 | 3,135 |
| Cards and Payment Solutions | 698 | 679 | 661 | 656 | 658 | 634 | 624 | 576 | 615 | 2,654 | 2,449 |
| Canadian Banking | 3,422 | 3,409 | 3,390 | 3,244 | 3,336 | 3,346 | 3,252 | 3,093 | 3,178 | 13,379 | 12,869 |
| Caribbean \& U.S. Banking | 261 | 240 | 236 | 228 | 230 | 205 | 210 | 213 | 233 | 934 | 861 |
| Total | 3,683 | 3,649 | 3,626 | 3,472 | 3,566 | 3,551 | 3,462 | 3,306 | 3,411 | 14,313 | 13,730 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) ${ }^{2}$ | 26.9 \% | 29.1 \% | 30.3 \% | 29.7 \% | 30.8 \% | 28.3 \% | 29.4 \% | 30.5 \% | 27.7 \% | 30.0 \% | 29.0 \% |
| Net interest margin (average earning assets) | 2.68 \% | 2.70 \% | 2.72 \% | 2.70 \% | 2.73 \% | 2.71 \% | 2.79 \% | 2.80 \% | 2.79 \% | 2.71 \% | 2.77 \% |
| Efficiency ratio | 45.5 \% | 47.1\% | 45.4\% | 46.6 \% | 45.7 \% | 47.5 \% | 47.1\% | 47.5\% | 49.0\% | 46.2 \% | 47.8 \% |
| Operating leverage | 0.4 \% | 1.0\% | 3.8 \% | $2.1 \%$ | 7.2\% | 2.1 \% | (0.2)\% | 0.7 \% | (6.6)\% | 3.5\% | (0.9)\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total earning assets | 382,300 | 377,300 | 370,700 | 365,100 | 362,300 | 357,600 | 352,500 | 347,800 | 347,200 | 369,000 | 351,300 |
| Loans and acceptances | 380,300 | 375,400 | 369,100 | 363,800 | 361,500 | 357,200 | 351,500 | 347,700 | 346,400 | 367,500 | 350,700 |
| Deposits | 314,600 | 307,000 | 299,200 | 294,400 | 293,700 | 285,200 | 279,100 | 275,800 | 275,100 | 298,600 | 278,800 |
| Attributed capital | 18,750 | 17,050 | 16,550 | 16,300 | 16,000 | 16,000 | 15,100 | 14,750 | 15,000 | 16,500 | 15,200 |
| Risk capital | 13,850 | 12,150 | 11,750 | 11,450 | 11,250 | 11,350 | 10,450 | 10,100 | 10,300 | 11,650 | 10,550 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |
| Gross impaired loans / Average net loans and acceptances | 0.48 \% | 0.48 \% | 0.52 \% | 0.52 \% | 0.54 \% | 0.54 \% | 0.55 \% | 0.55 \% | 0.54 \% | 0.49 \% | $0.55 \%$ |
| PCL / Average net loans and acceptances | $0.30 \%$ | 0.25 \% | 0.28 \% | 0.26\% | 0.28\% | 0.35\% | 0.32 \% | 0.27 \% | $0.31 \%$ | 0.27 \% | $0.31 \%$ |
| Net write-offs / Average net loans and acceptances | 0.26\% | 0.29 \% | 0.28 \% | 0.27 \% | 0.28\% | 0.26\% | 0.26 \% | 0.27 \% | 0.26\% | 0.28\% | 0.26\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Business information |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration ${ }^{3}$ | 222,000 | 223,500 | 227,900 | 226,700 | 221,400 | 214,200 | 213,600 | 207,400 | 198,400 | 223,500 | 214,200 |
| Assets under management | 4,700 | 4,800 | 4,700 | 4,400 | 4,500 | 4,000 | 3,800 | 3,700 | 3,700 | 4,800 | 4,000 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 1,290 | 1,270 | 1,281 | 1,200 | 1,255 | 1,151 | 1,138 | 1,115 | 1,071 | 5,006 | 4,475 |
| Non-controlling interests | (2) | (2) | (1) | (5) | - | 7 | (2) | (2) | (2) | (8) | 1 |
| Add: After-tax effect of amortization of other intangibles | 3 |  | 4 | 8 | 7 | 6 | 7 | 7 | 7 | 22 | 27 |
| Adjusted net income | 1,291 | 1,271 | 1,284 | 1,203 | 1,262 | 1,164 | 1,143 | 1,120 | 1,076 | 5,020 | 4,503 |
| Less: Capital charge | 443 | 404 | 392 | 372 | 376 | 378 | 360 | 342 | 359 | 1,544 | 1,439 |
| Economic profit ${ }^{4}$ | 848 | 867 | 892 | 831 | 886 | 786 | 783 | 778 | 717 | 3,476 | 3,064 |


$\$ 8.1$ billion; Jan 31, 2015- $\$ 56.1$ billion and $\$ 7.6$ billion respectively). Securitized residential mortgage and credit card loans are included in Total assets, Total earning assets and Loans and acceptances.
${ }^{2}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50 .
 and $\$ 7.6$ billion).
${ }^{4}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50 .

| CANADIAN BANKING ${ }^{1}$ <br> (Millions of Canadian dollars, except percentage amounts) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 2,403 | 2,407 | 2,381 | 2,248 | 2,341 | 2,305 | 2,331 | 2,236 | 2,296 | 9,377 | 9,168 |
| Non-interest income | 1,019 | 1,002 | 1,009 | 996 | 995 | 1,041 | 921 | 857 | 882 | 4,002 | 3,701 |
| Total revenue | 3,422 | 3,409 | 3,390 | 3,244 | 3,336 | 3,346 | 3,252 | 3,093 | 3,178 | 13,379 | 12,869 |
| Provision for credit losses (PCL) | 266 | 228 | 238 | 212 | 234 | 236 | 230 | 204 | 258 | 912 | 928 |
| Non-interest expense | 1,495 | 1,529 | 1,476 | 1,426 | 1,460 | 1,479 | 1,426 | 1,392 | 1,390 | 5,891 | 5,687 |
| Income taxes | 430 | 425 | 437 | 415 | 422 | 421 | 411 | 387 | 393 | 1,699 | 1,612 |
| Net income | 1,231 | 1,227 | 1,239 | 1,191 | 1,220 | 1,210 | 1,185 | 1,110 | 1,137 | 4,877 | 4,642 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |
| Personal Financial Services | 1,932 | 1,956 | 1,949 | 1,843 | 1,886 | 1,843 | 1,857 | 1,780 | 1,805 | 7,634 | 7,285 |
| Business Financial Services | 792 | 774 | 780 | 745 | 792 | 869 | 771 | 737 | 758 | 3,091 | 3,135 |
| Cards and Payment Solutions | 698 | 679 | 661 | 656 | 658 | 634 | 624 | 576 | 615 | 2,654 | 2,449 |
| Total | 3,422 | 3,409 | 3,390 | 3,244 | 3,336 | 3,346 | 3,252 | 3,093 | 3,178 | 13,379 | 12,869 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) ${ }^{2}$ | 31.8 \% | 35.2 \% | 36.5 \% | 37.1 \% | 36.9 \% | 36.1 \% | 37.7 \% | 37.7 \% | 36.7 \% | 36.4 \% | 37.0 \% |
| Net interest margin (average earning assets) | 2.62 \% | 2.65 \% | 2.66 \% | 2.64 \% | 2.68 \% | 2.66 \% | 2.73 \% | 2.74 \% | 2.73 \% | 2.66 \% | 2.71 \% |
| Efficiency ratio | 43.7 \% | 44.9 \% | 43.5 \% | 44.0 \% | 43.8 \% | 44.2 \% | 43.8 \% | 45.0 \% | 43.7 \% | 44.0\% | 44.2 \% |
| Operating leverage | 0.2 \% | (1.5)\% | $0.7 \%$ | 2.4 \% | 0.0\% | 1.8\% | $1.7 \%$ | 0.9\% | 0.5\% | 0.4 \% | 1.2\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 377,300 | 373,000 | 366,500 | 360,900 | 359,300 | 355,700 | 350,200 | 346,300 | 345,800 | 364,900 | 349,500 |
| Total earning assets | 364,300 | 360,200 | 354,600 | 349,000 | 347,000 | 343,400 | 339,000 | 334,900 | 334,200 | 352,800 | 337,900 |
| Loans and acceptances | 370,500 | 366,100 | 360,300 | 354,700 | 352,900 | 349,400 | 344,000 | 340,200 | 338,600 | 358,500 | 343,100 |
| Residential mortgages | 212,400 | 208,400 | 203,300 | 199,200 | 197,700 | 195,000 | 190,900 | 188,800 | 188,400 | 202,200 | 190,800 |
| Personal ${ }^{3}$ | 82,400 | 83,600 | 83,700 | 84,000 | 85,200 | 85,700 | 85,500 | 85,100 | 85,000 | 84,100 | 85,400 |
| Credit cards | 15,800 | 15,500 | 15,200 | 14,700 | 14,900 | 14,600 | 14,200 | 13,700 | 14,100 | 15,100 | 14,100 |
| Small business | 3,900 | 4,000 | 4,000 | 4,000 | 4,000 | 4,100 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Total retail | 314,500 | 311,500 | 306,200 | 301,900 | 301,800 | 299,400 | 294,600 | 291,600 | 291,500 | 305,400 | 294,300 |
| Wholesale | 56,000 | 54,600 | 54,100 | 52,800 | 51,100 | 50,000 | 49,400 | 48,600 | 47,100 | 53,100 | 48,800 |
| Personal deposits | 173,100 | 169,700 | 165,700 | 164,100 | 163,000 | 160,800 | 159,200 | 158,100 | 156,900 | 165,600 | 158,800 |
| Business deposits | 122,400 | 119,100 | 116,300 | 112,900 | 114,000 | 108,900 | 104,900 | 102,500 | 102,900 | 115,600 | 104,800 |
| Attributed capital | 15,250 | 13,700 | 13,300 | 13,050 | 13,000 | 13,150 | 12,300 | 11,950 | 12,100 | 13,250 | 12,400 |
| Risk capital | 12,350 | 10,800 | 10,400 | 10,100 | 10,050 | 10,200 | 9,350 | 9,000 | 9,100 | 10,350 | 9,400 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |
| Gross impaired loans / Average net loans and acceptances | 0.27 \% | 0.29 \% | 0.31 \% | 0.32 \% | 0.31 \% | 0.32 \% | 0.33 \% | 0.36 \% | $0.35 \%$ | 0.30 \% | $0.33 \%$ |
| PCL / Average net loans and acceptances | 0.29 \% | 0.25 \% | 0.26 \% | 0.25 \% | 0.26 \% | 0.27 \% | 0.26 \% | 0.25 \% | 0.30 \% | 0.25 \% | 0.27 \% |
| Net write-offs / Average net loans and acceptances | $0.26 \%$ | $0.26 \%$ | 0.25\% | 0.25\% | 0.25 \% | 0.26 \% | 0.25\% | 0.26 \% | $0.25 \%$ | 0.25 \% | $0.25 \%$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Business information |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration ${ }^{4}$ | 211,900 | 213,700 | 217,700 | 216,900 | 211,100 | 205,200 | 204,300 | 198,400 | 189,200 | 213,700 | 205,200 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Add: After-tax effect of amortization of other intangibles | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 12 | 11 |
| Adjusted net income | 1,234 | 1,230 | 1,242 | 1,194 | 1,223 | 1,213 | 1,187 | 1,113 | 1,140 | 4,889 | 4,653 |
| Less: Capital charge | 360 | 324 | 315 | 298 | 306 | 311 | 294 | 276 | 290 | 1,243 | 1,171 |
| Economic profit ${ }^{5}$ | 874 | 906 | 927 | 896 | 917 | 902 | 893 | 837 | 850 | 3,646 | 3,482 |


 ${ }^{2}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50 .
${ }^{3}$ As at Q1/16, average personal secured loans was $\$ 61.3$ billion and average personal unsecured loans was $\$ 21.1$ billion. The loans are secured by securities, residential real estate, automotive assets and government guarantees.
 $\$ 23.2$ billion and $\$ 7.6$ billion).
${ }^{5}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50

| Income Statement |
| :--- |
| Net interest income |
| Fee-based revenue |
| Transactional and other revenue |
| U.S. Wealth accumulation plan gains/(losses) ${ }^{2}$ |
| Total revenue |
| Provision for credit losses (PCL) |
| Non-interest expense |
| U.S. Wealth accumulation plan (gains)/losses ${ }^{2}$ |
| Income taxes |
| Net income |


| Total revenue by business |
| :--- |
| Canadian Wealth Management ${ }^{3}$ |
| U.S. Wealth Management |
| International Wealth Management |
| Global Asset Management |
| Total |

Financial ratios
Return on equity (ROE) ${ }^{4}$
Net interest margin (average earning assets)
Pre-tax margin

| Average balances |
| :--- |
| Total assets |
| Total earning assets |
| Loans and acceptances |
| Retail loans |
| Wholesale loans |
| Deposis |
| Atributed capital |
| Risk capital |


| Credit quality |
| :--- |
| Gross impaired loans / Average net loans and acceptances |
| Gross impaired loans on acquired credit impaired loans / Average net loans |
| and acceptances ${ }^{5}$ |
| PCL Average net loans and acceptances |
| Net write-ffs / Average net loans and acceptances |


wite-offs / Average net loans and acceptanc

| 469 | 118 | 129 | 122 | 124 | 123 | 117 | 118 | 111 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,270 | 1,188 | 1,200 | 1,166 | 1,145 | 1,112 | 1,059 | 997 | 1,017 |
| 405 | 359 | 376 | 425 | 397 | 393 | 397 | 422 | 399 |
| (57) | (12) | 3 | 35 |  | 11 | 12 | 17 | 8 |
| 2,087 | 1,653 | 1,708 | 1,748 | 1,666 | 1,639 | 1,585 | 1,554 | 1,535 |
| 5 | 1 |  | 32 | 13 |  |  |  | 19 |
| 1,725 | 1,324 | 1,291 | 1,308 | 1,324 | 1,229 | 1,183 | 1,158 | 1,175 |
| (47) | (7) | 11 | 32 | 9 | 16 | 8 | 15 | 16 |
| 101 | 80 | 121 | 105 | 90 | 109 | 109 | 103 | 90 |
| 303 | 255 | 285 | 271 | 230 | 285 | 285 | 278 | 235 |


| 2015 | 2014 |
| :---: | :---: |
| 493 | 469 |
| 4,699 | 4,185 |
| 1,557 | 1,611 |
| 26 | 48 |
| 6,775 | 6,313 |
| 46 | 19 |
| 5,247 | 4,745 |
| 45 | 55 |
| 396 | 411 |
| 1,041 | 1,083 |


|  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 595 | 583 | 584 | 582 | 559 | 574 | 545 | 518 | 509 |
| 940 | 499 | 506 | 538 | 465 | 454 | 443 | 444 | 417 |
| 113 | 124 | 162 | 173 | 180 | 185 | 176 | 185 | 176 |
| 439 | 447 | 456 | 455 | 462 | 426 | 421 | 417 | 433 |
| 2,087 | 1,653 | 1,708 | 1,748 | 1,666 | 1,639 | 1,585 | 1,554 | 1,535 |


|  |  |
| ---: | ---: |
| 2,308 | 2,146 |
| 2,008 | 1,748 |
| 639 | 762 |
| 1,820 | 1,697 |
| 6,775 | 6,313 |


| 8.9\% | 17.0\% | 18.6\% | 18.3\% | 15.5\% | 19.6\% | 20.3\% | 20.2\% | 16.6\% | 17.4\% | 19.2\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2.79\% | 2.46\% | 2.60\% | 2.49\% | 2.47\% | 2.61\% | 2.62\% | 2.78\% | 2.72\% | 2.50\% | 2.68\% |
| 19.4\% | 20.3\% | 23.8\% | 21.5\% | 19.2\% | 24.0\% | 24.9\% | 24.5\% | 21.2\% | 21.2\% | 23.7\% |


| 81,700 | 28,200 | 29,800 | 29,700 | 28,600 | 26,800 | 25,800 | 25,800 | 25,000 | 29,100 | 25,800 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 66,900 | 19,000 | 19,700 | 20,100 | 19,900 | 18,700 | 17,700 | 17,400 | 16,200 | 19,700 | 17,500 |
| 49,500 | 17,300 | 17,700 | 17,900 | 17,800 | 16,800 | 15,900 | 15,700 | 14,600 | 17,700 | 15,700 |
| 21,000 | 10,400 | 10,200 | 10,500 | 10,100 | 9,500 | 9,000 | 8,900 | 8,100 | 10,300 | 8,900 |
| 28,500 | 6,900 | 7,500 | 7,500 | 7,700 | 7,300 | 6,900 | 6,800 | 6,500 | 7,400 | 6,900 |
| 83,100 | 37,300 | 40,500 | 40,600 | 39,700 | 37,900 | 35,900 | 36,200 | 34,800 | 39,500 | 36,200 |
| 13,000 | 5,850 | 5,950 | 5,950 | 5,800 | 5,650 | 5,450 | 5,500 | 5,400 | 5,900 | 5,500 |
| 4,450 | 1,700 | 1,800 | 1,900 | 1,800 | 1,750 | 1,550 | 1,500 | 1,500 | 1,800 | 1,600 |

Csis under administration
Canaalan Wea Mangoment
U.S. Wealth Management (including City National)

International Wealth Management
Total
Assets under management
Canadian Wealth Management ${ }^{3}$
U.S. Weath Management (including City National)

International Wealth Managem
Global Asset Management ${ }^{6}$
Global
Total

| Other earnings measures |
| :--- |
| Net income |
| Non-controlling interests |
| Add: After-tax effect of amortization of other intangibles ${ }^{7}$ |
| Adjusted net income |
| Less: $^{7}$ Capital charge |
| Economic profiti ${ }^{8}$ |

## (Millions of U.S. dollars) U.S. Wealth Management <br> S. Wealth Managemen <br> Revenue

$\square$

| 296,600 | 297,400 | 299,600 | 297,200 | 288,200 | 280,400 | 276,300 | 268,400 | 255,800 | 297,400 | 280,400 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 314,700 | 282,800 | 288,000 | 268,000 | 275,000 | 246,600 | 236,200 | 232,900 | 228,200 | 282,800 | 246,600 |
| 166,500 | 169,500 | 190,800 | 182,300 | 204,700 | 190,500 | 188,100 | 189,500 | 191,300 | 169,500 | 190,500 |
| 777,800 | 749,700 | 778,400 | 747,500 | 767,900 | 717,500 | 700,600 | 690,800 | 675,300 | 749,700 | 717,500 |
| 66,200 | 62,800 | 62,700 | 60,000 | 57,000 | 55,100 | 52,600 | 49,700 | 46,400 | 62,800 | 55,100 |
| 96,500 | 37,400 | 37,000 | 33,400 | 32,900 | 28,900 | 26,200 | 24,900 | 23,800 | 37,400 | 28,900 |
| 10,300 | 10,900 | 15,800 | 17,300 | 19,400 | 17,700 | 17,300 | 17,000 | 16,700 | 10,900 | 17,700 |
| 383,000 | 381,700 | 387,700 | 370,400 | 371,200 | 350,600 | 346,000 | 334,700 | 324,600 | 381,700 | 350,600 |
| 556,000 | 492,800 | 503,200 | 481,100 | 480,500 | 452,300 | 442,100 | 426,300 | 411,500 | 492,800 | 452,300 |


|  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 303 | 255 | 285 | 271 | 230 | 285 | 285 | 278 | 235 |
| - | 3 | $(1)$ | $(1)$ | 1 | - | $(1)$ | - | - |
| 49 | 17 | 17 | 22 | 17 | 24 | 18 | 17 | 20 |
| 352 | 275 | 301 | 292 | 248 | 309 | 302 | 295 | 255 |
| 308 | 139 | 140 | 136 | 136 | 134 | 130 | 127 | 130 |


| 1,041 | 1,083 |
| ---: | ---: |
| 2 | $(1)$ |
| 73 | 79 |
| 1,116 | 1,1611 |
| 551 | 521 |
| 565 | 640 |

We completed the acquisition of City National on November 2, 2015. Our acquisition contributed earnings of $\$ 53$ million, which reflected revenue of $\$ 469$ million, non-interest expense of $\$ 407$ million, including $\$ 85$ million
We completed the acquisition of City National on November 2, 2015. Our acquisition contribute
( $\$ 54$ million after-tax) of integration costs and amortization of intangibles, and PCL of $\$ 5$ million.
${ }_{3}^{2}$ Gains (losses) on investments in mutual funds used as economic hedges included in revenue and related variability in market-linked compensation expense in our U.S. Wealth Accumulation Plan.
${ }^{3}$ Amounts have been revised from thoses previously presented.
${ }^{4}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50
${ }^{5}$ For Q1/16, includes $\$ 636$ million related to acquired credit impaired loans, with over $90 \%$ covered by loss-sharing agreements with the Federal Deposit Insurance Corporation (FDIC).
${ }^{6}$ Excludes assets held by clients of Phillips, Hager \& North Investment Management Ltd. for which we earn either a nominal or no management fee. Q1/16 AUM excludes $\$ 0.4$ billion of these assets.
Q2/15 includes $\$ 4$ million (Q4/14- $\$ 6$ million) related to the impairment of other intangibles.
${ }^{8}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50

| INSURANCE (Millions of Canadian dollars, except percentage amounts) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |
| Net earned premiums ${ }^{1}$ | 876 | 933 | 843 | 829 | 902 | 940 | 923 | 926 | 953 | 3,507 | 3,742 |
| Investment income ${ }^{2}$ | 162 | (343) | 52 | (164) | 900 | 159 | 381 | 138 | 260 | 445 | 938 |
| Fee income | 121 | 127 | 126 | 141 | 90 | 75 | 79 | 61 | 69 | 484 | 284 |
| Total revenue | 1,159 | 717 | 1,021 | 806 | 1,892 | 1,174 | 1,383 | 1,125 | 1,282 | 4,436 | 4,964 |
| Insurance policyholder benefits, claims and acquisition expense (PBCAE) | 829 | 292 | 656 | 493 | 1,522 | 752 | 1,009 | 830 | 982 | 2,963 | 3,573 |
| Non-interest expense | 160 | 158 | 153 | 156 | 146 | 149 | 143 | 140 | 147 | 613 | 579 |
| Income taxes ${ }^{3}$ | 39 | 42 | 39 | 34 | 39 | 17 | 17 | 1 | (4) | 154 | 31 |
| Net income | 131 | 225 | 173 | 123 | 185 | 256 | 214 | 154 | 157 | 706 | 781 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Insurance | 747 | 295 | 603 | 337 | 1,490 | 646 | 871 | 624 | 770 | 2,725 | 2,911 |
| International Insurance | 412 | 422 | 418 | 469 | 402 | 528 | 512 | 501 | 512 | 1,711 | 2,053 |
| Total | 1,159 | 717 | 1,021 | 806 | 1,892 | 1,174 | 1,383 | 1,125 | 1,282 | 4,436 | 4,964 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) ${ }^{4}$ | 32.4\% | 53.4\% | 43.6\% | 33.0\% | 46.0\% | 61.5\% | 53.2\% | 42.1\% | 40.5\% | 44.3\% | 49.7\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 14,400 | 14,000 | 13,800 | 13,800 | 13,100 | 12,700 | 12,100 | 11,500 | 11,600 | 13,700 | 12,000 |
| Attributed capital | 1,600 | 1,650 | 1,550 | 1,500 | 1,600 | 1,650 | 1,600 | 1,500 | 1,500 | 1,600 | 1,550 |
| Risk capital | 1,450 | 1,500 | 1,400 | 1,350 | 1,450 | 1,500 | 1,450 | 1,350 | 1,350 | 1,450 | 1,400 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Additional information |  |  |  |  |  |  |  |  |  |  |  |
| Premiums and deposits ${ }^{1,5}$ | 1,214 | 1,309 | 1,252 | 1,217 | 1,238 | 1,318 | 1,310 | 1,260 | 1,276 | 5,016 | 5,164 |
| Canadian Insurance | 659 | 775 | 672 | 685 | 593 | 615 | 637 | 592 | 575 | 2,725 | 2,419 |
| International Insurance | 555 | 534 | 580 | 532 | 645 | 703 | 673 | 668 | 701 | 2,291 | 2,745 |
| Fair value changes on investments backing policyholder liabilities ${ }^{6}$ | 37 | (462) | (37) | (300) | 775 | 43 | 255 | 18 | 123 | (24) | 439 |
| PBCAE |  |  |  |  |  |  |  |  |  |  |  |
| Insurance policyholder benefits and claims | 768 | 237 | 610 | 446 | 1,448 | 657 | 925 | 728 | 884 | 2,741 | 3,194 |
| Insurance policyholder acquisition expense | 61 | 55 | 46 | 47 | 74 | 95 | 84 | 102 | 98 | 222 | 379 |
| Insurance claims and policy benefit liabilities | 8,319 | 9,110 | 9,395 | 9,373 | 9,440 | 8,564 | 8,473 | 8,163 | 8,115 | 9,110 | 8,564 |
| Embedded value | 6,865 | 6,952 | 6,927 | 6,823 | 6,748 | 6,239 | 6,175 | 6,050 | 6,233 | 6,952 | 6,239 |
| Business information |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 131 | 225 | 173 | 123 | 185 | 256 | 214 | 154 | 157 | 706 | 781 |
| Non-controlling interests |  |  | - | - | - | - | - | - | - | - | - |
| Add: After-tax effect of amortization of other intangibles |  |  | - |  | - |  |  |  |  |  |  |
| Adjusted net income | 131 | 225 | 173 | 123 | 185 | 256 | 214 | 154 | 157 | 706 | 781 |
| Less: Capital charge | 37 | 40 | 36 | 34 | 38 | 38 | 38 | 35 | 36 | 148 | 147 |
| Economic profit ${ }^{7}$ | 94 | 185 | 137 | 89 | 147 | 218 | 176 | 119 | 121 | 558 | 634 |

${ }^{1}$ Premiums and deposits equals net earned premiums excluding the cost of premiums to other institutions for reinsurance coverage, plus segregated fund deposits.
${ }^{2}$ Investment income can experience volatility arising from fluctuation in the fair value through profit or loss (FVTPL) assets. The investments which support actuarial liabilities are predominantly fixed income assets designated as at FVTPL and consequently changes in fair values of these assets are recorded in Insurance premiums, investment and fee income in the consolidated statements of income. Changes in fair values of these assets are largely offset by changes in the fair value of the actuarial liabilities, the impact of which is reflected in insurance policyholder benefits and claims.
${ }^{3}$ Beginning in Q1/15, results include a change in Canadian tax legislation impacting business operations of certain foreign affiliates which became effective November $1,2014$.
${ }^{4}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50 .
${ }^{5}$ Premiums and deposits include premiums on risk-based insurance and annuity products, and individual and group segregated fund deposits, consistent with insurance industry practices.
${ }^{6}$ The revenue impact of the change in fair value on investments backing policyholder liabilities is reflected in Insurance premiums, investment and fee income and largely offset in PBCAE.
${ }^{7}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50 .

| INVESTOR \& TREASURY SERVICES <br> (Millions of Canadian dollars, except percentage amounts) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 226 | 220 | 204 | 198 | 196 | 183 | 182 | 184 | 183 | 818 | 732 |
| Non-interest income ${ }^{1}$ | 324 | 228 | 352 | 330 | 310 | 293 | 298 | 292 | 269 | 1,220 | 1,152 |
| Total revenue | 550 | 448 | 556 | 528 | 506 | 476 | 480 | 476 | 452 | 2,038 | 1,884 |
| Provision for credit losses (PCL) | . | - | - | - | (1) | - | - | - | - | (1) | 1,884 |
| Non-interest expense | 361 | 342 | 331 | 312 | 316 | 321 | 330 | 325 | 310 | 1,301 | 1,286 |
| Income taxes | 46 | 18 | 58 | 57 | 49 | 42 | 40 | 39 | 36 | 182 | 157 |
| Net income (loss) | 143 | 88 | 167 | 159 | 142 | 113 | 110 | 112 | 106 | 556 | 441 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) ${ }^{2}$ | 15.9\% | 10.9\% | 24.5\% | 24.2\% | 23.7\% | 19.5\% | 20.1\% | 20.1\% | 19.7\% | 20.3\% | 19.8\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 139,700 | 135,400 | 125,300 | 126,100 | 114,300 | 100,300 | 91,200 | 92,100 | 93,100 | 125,300 | 94,200 |
| Trading securities | 51,500 | 52,000 | 47,800 | 49,000 | 46,500 | 42,300 | 38,700 | 38,900 | 39,800 | 48,800 | 39,900 |
| Loans and acceptances | 1,800 | 1,800 | 1,900 | 1,900 | 1,800 | 2,500 | 2,500 | 2,600 | 2,600 | 1,900 | 2,500 |
| Deposits | 151,700 | 149,500 | 144,200 | 136,200 | 128,300 | 112,700 | 110,200 | 112,500 | 113,000 | 139,600 | 112,100 |
| Client deposits | 53,600 | 56,500 | 52,000 | 48,800 | 44,200 | 45,000 | 42,700 | 42,200 | 40,800 | 50,400 | 42,700 |
| Wholesale funding deposits | 98,100 | 93,000 | 92,200 | 87,400 | 84,100 | 67,700 | 67,500 | 70,300 | 72,200 | 89,200 | 69,400 |
| Attributed capital | 3,450 | 3,100 | 2,650 | 2,650 | 2,350 | 2,250 | 2,150 | 2,200 | 2,050 | 2,700 | 2,150 |
| Risk capital | 2,950 | 2,600 | 2,150 | 2,150 | 1,850 | 1,700 | 1,600 | 1,650 | 1,550 | 2,200 | 1,650 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Business information |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration | 3,807,300 | 3,620,300 | 3,990,900 | 3,846,900 | 3,725,400 | 3,702,800 | 3,546,100 | 3,482,700 | 3,426,000 | 3,620,300 | 3,702,800 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Non-controlling interests | - | - | - | (1) | - | - | - | (1) | - | (1) | (1) |
| Add: After-tax effect of amortization of other intangibles and goodwill impairment | 3 | 5 | 5 | 6 | 5 | 5 | 5 | 6 | 5 | 21 | 21 |
| Adjusted net income | 146 | 93 | 172 | 164 | 147 | 118 | 115 | 117 | 111 | 576 | 461 |
| Less: Capital charge | 82 | 73 | 63 | 60 | 55 | 54 | 50 | 52 | 49 | 251 | 205 |
| Economic profit (loss) ${ }^{3}$ | 64 | 20 | 109 | 104 | 92 | 64 | 65 | 65 | 62 | 325 | 256 |

[^1]| CAPITAL MARKETS <br> (Millions of Canadian dollars, except percentage amounts) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income (teb) | 1,062 | 1,098 | 1,016 | 940 | 916 | 877 | 999 | 848 | 761 | 3,970 | 3,485 |
| Non-interest income | 918 | 639 | 1,030 | 1,307 | 1,117 | 622 | 1,186 | 1,024 | 1,049 | 4,093 | 3,881 |
| Total revenue (teb) | 1,980 | 1,737 | 2,046 | 2,247 | 2,033 | 1,499 | 2,185 | 1,872 | 1,810 | 8,063 | 7,366 |
| Provision for credit losses (PCL) | 120 | 36 | 15 | 15 | 5 | 32 | 1 | 13 | (2) | 71 | 44 |
| Non-interest expense | 1,075 | 1,072 | 1,187 | 1,280 | 1,157 | 899 | 1,269 | 1,111 | 1,065 | 4,696 | 4,344 |
| Income taxes | 215 | 74 | 299 | 327 | 277 | 166 | 274 | 241 | 242 | 977 | 923 |
| Net income | 570 | 555 | 545 | 625 | 594 | 402 | 641 | 507 | 505 | 2,319 | 2,055 |
| Total revenue by business ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |
| Corporate and Investment Banking | 870 | 847 | 1,006 | 958 | 886 | 846 | 965 | 800 | 826 | 3,697 | 3,437 |
| Global Markets | 1,110 | 935 | 1,070 | 1,323 | 1,149 | 721 | 1,184 | 1,047 | 944 | 4,477 | 3,896 |
| Other |  | (45) | (30) | (34) | (2) | (68) | 36 | 25 | 40 | (111) | 33 |
| Total | 1,980 | 1,737 | 2,046 | 2,247 | 2,033 | 1,499 | 2,185 | 1,872 | 1,810 | 8,063 | 7,366 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) ${ }^{2}$ | 12.3 \% | 12.3 \% | 12.9 \% | 14.9 \% | 14.6 \% | 10.7 \% | 16.9 \% | 14.5 \% | 14.5 \% | 13.6 \% | 14.1 \% |
| Total compensation to revenue ${ }^{3}$ | 34.9 \% | $33.3 \%$ | 36.9 \% | 38.5 \% | 39.4 \% | 31.6\% | 37.8 \% | 38.9 \% | 41.4\% | 37.2\% | $37.7 \%$ |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 518,800 | 500,200 | 465,200 | 465,400 | 478,000 | 416,900 | 391,500 | 384,400 | 376,000 | 477,300 | 392,300 |
| Trading securities | 108,900 | 111,900 | 116,100 | 118,800 | 118,300 | 105,400 | 103,200 | 106,100 | 100,700 | 116,200 | 103,800 |
| Loans and acceptances | 89,700 | 85,900 | 81,300 | 77,700 | 73,900 | 68,500 | 66,300 | 63,800 | 60,600 | 79,700 | 64,800 |
| Deposits | 63,100 | 63,200 | 62,700 | 60,000 | 55,100 | 51,500 | 49,000 | 46,600 | 43,200 | 60,300 | 47,600 |
| Attributed capital | 17,900 | 17,350 | 16,300 | 16,750 | 15,800 | 14,450 | 14,650 | 13,950 | 13,350 | 16,550 | 14,100 |
| Risk capital | 16,800 | 16,250 | 15,250 | 15,750 | 14,800 | 13,500 | 13,700 | 13,000 | 12,400 | 15,500 | 13,150 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |
| Gross impaired loans / Average net loans and acceptances | 0.52 \% | 0.34 \% | 0.40 \% | 0.19 \% | 0.10 \% | 0.07 \% | 0.08 \% | 0.09 \% | 0.23 \% | 0.37 \% | $0.08 \%$ |
| PCL / Average net loans and acceptances | 0.53 \% | 0.17 \% | 0.07 \% | 0.08 \% | 0.03 \% | 0.19 \% | 0.01 \% | 0.08 \% | (0.01)\% | $0.09 \%$ | 0.07 \% |
| Net write-offs / Average net loans and acceptances | 0.16\% | 0.12 \% | (0.01)\% | 0.02 \% | (0.02)\% | 0.18\% | (0.02)\% | 0.16 \% | 0.21\% | $0.03 \%$ | $0.13 \%$ |
| Business information |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration | 16,100 | 15,600 | 15,700 | 14,000 | 14,600 | 12,500 | 12,000 | 12,100 | 12,200 | 15,600 | 12,500 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 570 | 555 | 545 | 625 | 594 | 402 | 641 | 507 | 505 | 2,319 | 2,055 |
| Non-controlling interests |  | - | - |  | - | - | - |  | - | - |  |
| Add: After-tax effect of amortization of other intangibles ${ }^{4}$ |  | (1) | 1 | - | - | - | 3 | - | - | - | 3 |
| Adjusted net income | 570 | 554 | 546 | 625 | 594 | 402 | 644 | 507 | 505 | 2,319 | 2,058 |
| Less: Capital charge | 422 | 410 | 386 | 383 | 371 | 341 | 350 | 323 | 319 | 1,550 | 1,333 |
| Economic profit (loss) ${ }^{5}$ | 148 | 144 | 160 | 242 | 223 | 61 | 294 | 184 | 186 | 769 | 725 |

 those previously presented
${ }^{2}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50
 expense includes salary, benefits, stock based compensation, retention costs, and variable compensation.
${ }^{4}$ Q3/14 includes $\$ 2$ million related to the impairment of other intangibles.
${ }^{5}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50

| CORPORATE SUPPORT (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income (teb) | (133) | (205) | (109) | (102) | (98) | (70) | (126) | (79) | (38) | (514) | (313) |
| Non-interest income | 33 | 20 | (20) | 131 | 79 | 113 | 21 | 22 | 8 | 210 | 164 |
| Total revenue (teb) | (100) | (185) | (129) | 29 | (19) | 43 | (105) | (57) | (30) | (304) | (149) |
| Provision for (recovery of) credit losses (PCL) | 1 | (2) | (2) | - | 1 | (1) | (2) | - | 1 | (3) | (2) |
| Non-interest expense | 10 | 41 | 14 | 30 | 40 | 40 | 37 | 11 | 1 | 125 | 89 |
| Income taxes | (121) | (424) | (165) | (125) | (110) | (122) | (130) | (103) | (50) | (824) | (405) |
| Net income (loss) | 10 | 200 | 24 | 124 | 50 | 126 | (10) | 35 | 18 | 398 | 169 |
| Additional information |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 23,900 | 23,200 | 21,700 | 21,100 | 19,800 | 17,500 | 15,100 | 13,200 | 11,400 | 21,300 | 14,300 |
| Attributed capital | 6,750 | 10,800 | 9,600 | 8,350 | 7,700 | 7,450 | 7,450 | 7,650 | 6,750 | 9,050 | 7,200 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |
| Net income (loss) | 10 | 200 | 24 | 124 | 50 | 126 | (10) | 35 | 18 | 398 | 169 |
| Non-controlling interests | (19) | (25) | (24) | (22) | (23) | (24) | (23) | (23) | (23) | (94) | (93) |
| Add: After-tax effect of amortization of other intangibles | 1 | 2 | - | (2) | 1 | 1 | (2) | 1 | 1 | 1 | 1 |
| Adjusted net (loss) income | (8) | 177 | - | 100 | 28 | 103 | (35) | 13 | (4) | 305 | 77 |
| Less: Capital charge | 159 | 253 | 227 | 191 | 181 | 176 | 179 | 173 | 168 | 852 | 696 |
| Economic profit (loss) ${ }^{1}$ | (167) | (76) | (227) | (91) | (153) | (73) | (214) | (160) | (172) | (547) | (619) |

${ }^{1}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

| BALANCE SHEETS <br> (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period-end balances ASSETS |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and due from banks | 17,050 | 12,452 | 19,976 | 18,393 | 20,027 | 17,421 | 16,297 | 15,879 | 13,786 | 12,452 | 17,421 |
| Interest-bearing deposits with banks | 24,636 | 22,690 | 10,731 | 4,402 | 3,866 | 8,399 | 5,383 | 5,210 | 8,245 | 22,690 | 8,399 |
| Securities |  |  |  |  |  |  |  |  |  |  |  |
| Trading | 161,442 | 158,703 | 172,370 | 169,763 | 181,125 | 151,380 | 152,756 | 148,398 | 148,774 | 158,703 | 151,380 |
| Available-for-sale | 72,269 | 56,805 | 63,145 | 52,880 | 49,598 | 47,768 | 46,358 | 43,083 | 40,720 | 56,805 | 47,768 |
|  | 233,711 | 215,508 | 235,515 | 222,643 | 230,723 | 199,148 | 199,114 | 191,481 | 189,494 | 215,508 | 199,148 |
| Assets purchased under reverse repurchase agreements and securities borrowed | 196,295 | 174,723 | 172,659 | 163,368 | 163,573 | 135,580 | 135,205 | 133,981 | 140,669 | 174,723 | 135,580 |
| Loans |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 360,763 | 348,183 | 343,463 | 336,064 | 336,503 | 334,269 | 329,999 | 324,284 | 322,624 | 348,183 | 334,269 |
| Wholesale | 157,592 | 126,069 | 121,214 | 114,283 | 113,764 | 102,954 | 102,348 | 99,035 | 94,983 | 126,069 | 102,954 |
|  | $\begin{array}{r} \hline 518,355 \\ (2,169) \\ \hline \end{array}$ | $\begin{array}{r} 474,252 \\ (2,029) \\ \hline \end{array}$ | $\begin{gathered} 464,677 \\ (2,078) \\ \hline \end{gathered}$ | $\begin{array}{r} 450,347 \\ (2,037) \\ \hline \end{array}$ | $\begin{array}{r} 450,267 \\ (2,057) \\ \hline \end{array}$ | $\begin{array}{r} 437,223 \\ (1,994) \\ \hline \end{array}$ | $\begin{array}{r} 432,347 \\ (1,926) \\ \hline \end{array}$ | $\begin{array}{r} 423,319 \\ (1,883) \\ \hline \end{array}$ | $\begin{array}{r} \hline 417,607 \\ (1,979) \\ \hline \end{array}$ | $\begin{array}{r} 474,252 \\ (2,029) \\ \hline \end{array}$ | $\begin{array}{r} 437,223 \\ (1,994) \end{array}$ |
| Allowance for loan losses | 516,186 | 472,223 | 462,599 | 448,310 | 448,210 | 435,229 | 430,421 | 421,436 | 415,628 | 472,223 | 435,229 |
| Segregated fund net assets | 839 | 830 | 821 | 780 | 719 | 675 | 645 | 593 | 542 | 830 | 675 |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Customers' liability under acceptances | 12,882 | 13,453 | 12,761 | 12,637 | 11,782 | 11,462 | 10,443 | 10,911 | 10,503 | 13,453 | 11,462 |
| Derivatives | 132,560 | 105,626 | 112,459 | 107,004 | 150,564 | 87,402 | 72,823 | 72,633 | 79,475 | 105,626 | 87,402 |
| Premises and equipment, net | 3,084 | 2,728 | 2,667 | 2,595 | 2,669 | 2,684 | 2,603 | 2,603 | 2,650 | 2,728 | 2,684 |
| Goodwill | 12,016 | 9,289 | 9,322 | 8,890 | 9,153 | 8,647 | 8,568 | 8,566 | 8,616 | 9,289 | 8,647 |
| Other intangibles | 4,872 | 2,814 | 2,810 | 2,779 | 2,833 | 2,775 | 2,782 | 2,802 | 2,815 | 2,814 | 2,775 |
| Other assets | 46,221 | 41,872 | 42,853 | 40,371 | 42,576 | 31,128 | 29,586 | 29,801 | 32,294 | 41,872 | 31,128 |
| Total Assets | 1,200,352 | 1,074,208 | 1,085,173 | 1,032,172 | 1,086,695 | 940,550 | 913,870 | 895,896 | 904,717 | 1,074,208 | 940,550 |
| LIABILITIES AND EQUITY |  |  |  |  |  |  |  |  |  |  |  |
| Deposits |  |  |  |  |  |  |  |  |  |  |  |
| Personal | 239,190 | 220,566 | 218,629 | 215,903 | 216,236 | 209,217 | 204,427 | 202,670 | 200,125 | 220,566 | 209,217 |
| Business and government | 510,231 | 455,578 | 449,397 | 415,311 | 417,084 | 386,660 | 377,635 | 369,206 | 375,785 | 455,578 | 386,660 |
| Bank | 20,147 | 21,083 | 26,210 | 20,337 | 21,387 | 18,223 | 19,629 | 19,083 | 18,534 | 21,083 | 18,223 |
|  | 769,568 | 697,227 | 694,236 | 651,551 | 654,707 | 614,100 | 601,691 | 590,959 | 594,444 | 697,227 | 614,100 |
| Segregated fund net liabilities | 839 | 830 | 821 | 780 | 719 | 675 | 645 | 593 | 542 | 830 | 675 |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Acceptances | 12,882 | 13,453 | 12,761 | 12,637 | 11,782 | 11,462 | 10,443 | 10,911 | 10,503 | 13,453 | 11,462 |
| Obligations related to securities sold short | 51,931 | 47,658 | 55,656 | 54,314 | 59,485 | 50,345 | 52,054 | 50,423 | 48,818 | 47,658 | 50,345 |
| Obligations related to assets sold under |  |  |  |  |  |  |  |  |  |  |  |
| Derivatives | 132,023 | 107,860 | 116,083 | 112,219 | 152,869 | 88,982 | 75,096 | 73,206 | 80,702 | 107,860 | 88,982 |
| Insurance claims and policy benefit liabilities | 8,319 | 9,110 | 9,395 | 9,373 | 9,440 | 8,564 | 8,473 | 8,163 | 8,115 | 9,110 | 8,564 |
| Other liabilities | 45,738 | 43,476 | 43,713 | 44,049 | 51,082 | 39,729 | 39,738 | 39,389 | 36,049 | 43,476 | 39,729 |
| Subordinated debentures | 9,854 | 7,362 | 7,374 | 7,795 | 7,889 | 7,859 | 6,810 | 6,486 | 6,521 | 7,362 | 7,859 |
|  | 1,130,464 | 1,010,264 | 1,023,275 | 973,925 | 1,029,274 | 886,047 | 860,373 | 843,920 | 852,709 | 1,010,264 | 886,047 |
| Equity atrributable to shareholders |  |  |  |  |  |  |  |  |  |  |  |
| Preferred shares | 6,204 | 5,098 | 4,950 | 4,652 | 4,351 | 4,075 | 4,749 | 4,250 | 5,100 | 5,098 | 4,075 |
| Common shares | 17,862 | 14,611 | 14,598 | 14,452 | 14,474 | 14,582 | 14,485 | 14,531 | 14,475 | 14,611 | 14,582 |
| Retained earnings | 38,856 | 37,811 | 35,795 | 34,142 | 32,505 | 31,615 | 30,526 | 29,489 | 28,544 | 37,811 | 31,615 |
| Other components of equity | 6,393 | 4,626 | 4,760 | 3,185 | 4,335 | 2,418 | 1,954 | 1,913 | 2,117 | 4,626 | 2,418 |
|  | 69,315 | 62,146 | 60,103 | 56,431 | 55,665 | 52,690 | 51,714 | 50,183 | 50,236 | 62,146 | 52,690 |
| Non-controlling interestsTotal Liabilities and Equity | 573 | 1,798 | 1,795 | 1,816 | 1,756 | 1,813 | 1,783 | 1,793 | 1,772 | 1,798 | 1,813 |
|  | 69,888 | 63,944 | 61,898 | 58,247 | 57,421 | 54,503 | 53,497 | 51,976 | 52,008 | 63,944 | 54,503 |
|  | 1,200,352 | 1,074,208 | 1,085,173 | 1,032,172 | 1,086,695 | 940,550 | 913,870 | 895,896 | 904,717 | 1,074,208 | 940,550 |



[^2]| STATEMENTS OF CHANGES IN EQUITY (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Preferred shares |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 5,100 | 4,950 | 4,650 | 4,350 | 4,075 | 4,750 | 4,250 | 5,100 | 4,600 | 4,075 | 4,600 |
| Issued | 1,105 | 150 | 300 | 300 | 600 |  | 500 |  | 500 | 1,350 | 1,000 |
| Redeemed | - | - | - | - | (325) | (675) | - | (850) |  | (325) | $(1,525)$ |
| Balance at end of period | 6,205 | 5,100 | 4,950 | 4,650 | 4,350 | 4,075 | 4,750 | 4,250 | 5,100 | 5,100 | 4,075 |
| Common shares |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 14,573 | 14,561 | 14,556 | 14,531 | 14,511 | 14,475 | 14,458 | 14,442 | 14,377 | 14,511 | 14,377 |
| Issued | 3,201 | 12 |  | 25 | 20 | 36 | 19 | 30 | 65 | 62 | 150 |
| Purchased for cancellation | - | - | - | - | - | - | (2) | (14) |  | - | (16) |
| Balance at end of period | 17,774 | 14,573 | 14,561 | 14,556 | 14,531 | 14,511 | 14,475 | 14,458 | 14,442 | 14,573 | 14,511 |
| Treasury shares - preferred |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | (2) |  | 2 | 1 | - | (1) | - | - | 1 | - | 1 |
| Sales | 40 | 20 | 26 | 56 | 15 | 24 | 49 | 31 | 20 | 117 | 124 |
| Purchases | (39) | (22) | (28) | (55) | (14) | (23) | (50) | (31) | (21) | (119) | (125) |
| Balance at end of period | (1) | (2) | - | 2 | 1 | - | (1) |  |  | (2) | - |
| Treasury shares - common |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 38 | 37 | (104) | (57) | 71 | 10 | 73 | 33 | 41 | 71 | 41 |
| Sales | 989 | 935 | 1,495 | 1,887 | 1,781 | 1,485 | 1,746 | 1,041 | 1,061 | 6,098 | 5,333 |
| Purchases | (939) | (934) | $(1,354)$ | $(1,934)$ | $(1,909)$ | $(1,424)$ | $(1,809)$ | $(1,001)$ | $(1,069)$ | $(6,131)$ | $(5,303)$ |
| Balance at end of period | 88 | 38 | 37 | (104) | (57) | 71 | 10 | 73 | 33 | 38 | 71 |
| Retained earnings |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 37,811 | 35,795 | 34,142 | 32,505 | 31,615 | 30,526 | 29,489 | 28,544 | 27,438 | 31,615 | 27,438 |
| Net income attributable to shareholders | 2,426 | 2,569 | 2,449 | 2,473 | 2,434 | 2,316 | 2,352 | 2,175 | 2,067 | 9,925 | 8,910 |
| Other comprehensive income | (334) | 645 | 368 | 334 | (415) | (101) | (206) | (65) | 77 | 932 | (295) |
| Preferred share dividends | (60) | (54) | (50) | (47) | (40) | (44) | (55) | (52) | (62) | (191) | (213) |
| Common share dividends | $(1,175)$ | $(1,141)$ | $(1,110)$ | $(1,111)$ | $(1,081)$ | $(1,081)$ | $(1,025)$ | $(1,025)$ | (966) | $(4,443)$ | $(4,097)$ |
| Premium paid on common shares purchased for cancellation | - | - | - | - | - | - | (11) | (86) | - | - | (97) |
| Share-based compensation awards | (6) | (1) | - | (2) | 2 | (3) | (1) | (3) | (2) | (1) | (9) |
| Issuance costs | (7) | (3) | (5) | (6) | (7) | - | (7) | - | (7) | (21) | (14) |
| Other | 201 | 1 | 1 | (4) | (3) | 2 | (10) | 1 | (1) | (5) | (8) |
| Balance at end of period | 38,856 | 37,811 | 35,795 | 34,142 | 32,505 | 31,615 | 30,526 | 29,489 | 28,544 | 37,811 | 31,615 |
| Other components of equity |  |  |  |  |  |  |  |  |  |  |  |
| Unrealized gains and losses on available-for-sale securities | 299 | 315 | 503 | 498 | 640 | 432 | 426 | 394 | 410 | 315 | 432 |
| Unrealized foreign currency translation gains and losses, net of hedging activities | 6,269 | 4,427 | 4,468 | 2,708 | 3,831 | 1,891 | 1,437 | 1,427 | 1,653 | 4,427 | 1,891 |
| Gains and losses on derivatives designated as cash flow hedges | (175) | (116) | (211) | (21) | (136) | 95 | 91 | 92 | 54 | (116) | 95 |
| Balance at end of period | 6,393 | 4,626 | 4,760 | 3,185 | 4,335 | 2,418 | 1,954 | 1,913 | 2,117 | 4,626 | 2,418 |
| Total retained earnings and other components of equity | 45,249 | 42,437 | 40,555 | 37,327 | 36,840 | 34,033 | 32,480 | 31,402 | 30,661 | 42,437 | 34,033 |
|  | 69,315 | 62,146 | 60,103 | 56,431 | 55,665 | 52,690 | 51,714 | 50,183 | 50,236 | 62,146 | 52,690 |
| Non-controlling interests |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 1,798 | 1,795 | 1,816 | 1,756 | 1,813 | 1,783 | 1,793 | 1,772 | 1,795 | 1,813 | 1,795 |
| Dividends | (46) |  | (46) |  | (46) | - | (47) | - | (47) | (92) | (94) |
| Net income attributable to Non-controlling interests | 21 | 24 | 26 | 29 | 22 | 17 | 26 | 26 | 25 | 101 | 94 |
| Net change in unrealized gains (losses) on available-for-sales securities | - | - | - | - | - | - | - | - | - | - | - |
| Foreign currency translation adjustments |  | 1 | 7 | (5) | 10 | - | - | - | - | 13 | - |
| Redemption of trust capital securities | $(1,200)$ | - | - | - | - | - | - | $\bigcirc$ | - | - | - |
| Other | (5) | (22) | (8) | 36 | (43) | 13 | 11 | (5) | (1) | (37) | 18 |
| Balance at end of period | 573 | 1,798 | 1,795 | 1,816 | 1,756 | 1,813 | 1,783 | 1,793 | 1,772 | 1,798 | 1,813 |
| Total equity | 69,888 | 63,944 | 61,898 | 58,247 | 57,421 | 54,503 | 53,497 | 51,976 | 52,008 | 63,944 | 54,503 |


| SECURITIZATION <br> (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit card loans ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance | 8,314 | 9,048 | 9,847 | 8,491 | 8,340 | 8,340 | 8,340 | 7,160 | 7,160 | 8,340 | 7,160 |
| Securitized | 2,525 | - | 1,185 | 1,356 | 151 | - | - | 1,180 | - | 2,692 | 1,180 |
| Reversal of prior securitizations | - | (734) | $(1,984)$ | - | - | - | - | - |  | $(2,718)$ |  |
| Closing balance | 10,839 | 8,314 | 9,048 | 9,847 | 8,491 | 8,340 | 8,340 | 8,340 | 7,160 | 8,314 | 8,340 |
| Commercial mortgages ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance | 1,080 | 1,268 | 1,202 | 1,283 | 1,330 | 1,212 | 1,236 | 1,277 | 1,304 | 1,330 | 1,304 |
| Securitized | - | - | 195 | - | - | 173 | - | - | - | 195 | 173 |
| Amortization | (103) | (188) | (129) | (81) | (47) | (55) | (24) | (41) | (27) | (445) | (147) |
| Closing balance | 977 | 1,080 | 1,268 | 1,202 | 1,283 | 1,330 | 1,212 | 1,236 | 1,277 | 1,080 | 1,330 |
| Bond participation certificates - sold |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance | 138 | 326 | 307 | 395 | 356 | 400 | 478 | 506 | 624 | 356 | 624 |
| Sold |  |  |  |  |  |  |  |  |  |  |  |
| Other ${ }^{2}$ | 2 | (188) | 19 | (88) | 39 | (44) | (78) | (28) | (118) | (218) | (268) |
| Closing balance | 140 | 138 | 326 | 307 | 395 | 356 | 400 | 478 | 506 | 138 | 356 |
| Bond participation certificates - retained |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance | - | - | - | - | - | - | 1 | 1 | 5 | - | 5 |
| Sold | - | - | - | - |  | - |  | - | - | - |  |
| Other ${ }^{2}$ | - | - | - | - | - | - | (1) | - | (4) | - | (5) |
| Closing balance | - | - | - | - | - | - | - | 1 | 1 | - |  |

${ }^{1}$ Amounts include assets that we have securitized but continue to service.
${ }^{2}$ Other primarily relates to foreign exchange translation gains and losses. For bond participation certificates, maturity of bonds is also included in this category

 mortgages. These amounts differ from, and are not directly comparable to amounts reported in our Report to Shareholders due to the differences between IFRS accounting and regulatory consolidation.
Amounts represent credicard loans securitized greater than 90 days past due.
 hese are internally rated as investment grade.

 ${ }^{5}$ Amounts are reported on a two-month lag, and as such consumer loan loss and coverage information is not available (n.a.) in Q2/15.

| SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ${ }^{1,2,3}$ <br> (Millions of Canadian dollars) | Q1/16 |  | Q4/15 |  | Q3/15 |  | Q2/15 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Banking book | Trading book | Banking book | Trading book | Banking book | Trading book | Banking book | Trading book |
| Securitization exposures retained or purchased |  |  |  |  |  |  |  |  |
| Asset-backed securities | 4,207 | 319 | 2,262 | 419 | 1,605 | 216 | 1,576 | 545 |
| Auto loans and leases | 17,620 | 63 | 15,940 | 29 | 16,824 | 205 | 14,484 | 178 |
| Commercial mortgages |  | 857 |  | 458 |  | 373 |  | 489 |
| Consumer loans | 3,702 |  | 2,973 |  | 2,760 |  | 1,390 |  |
| Credit cards | 13,385 | 93 | 11,151 | 3 | 11,243 | 117 | 10,318 | 130 |
| Dealer floor plan receivables | 1,956 |  | 2,566 |  | 2,505 |  | 2,133 |  |
| Equipment receivables | 2,116 |  | 1,808 |  | 1,805 |  | 1,726 |  |
| Residential mortgages | 3,169 | 2,794 | 2,839 | 2,959 | 3,242 | 3,757 | 3,184 | 3,337 |
| Student loans | 10,294 | 218 | 9,331 | 113 | 9,777 | 253 | 9,397 | 256 |
| Trade receivables | 3,048 |  | 2,916 |  | 2,887 |  | 2,801 |  |
| Other | 4,862 | 652 | 4,137 | 1,180 | 3,772 | 1,177 | 3,606 | 1,019 5 |
| Total securitization and resecuritization exposures retained or purchased | 64,359 | 4,996 | 55,923 | 5,161 | 56,420 | 6,098 | 50,615 | 5,954 |

SECURITIZATION AND RESECURITIZATION EXPOSURES
RETAINED OR PURCHASED
(Millions of Canadian dollars)

| Q1/16 |  |  |  |  |  |  |  | Q1/16 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Banking book |  |  |  |  |  |  |  | Trading book <br> Standardized approach |  |
| Standardized approach |  | Rating based approach |  | Internal assessment approach |  | Total |  |  |  |
| Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges |
|  |  | 3,348 | 20 | 37,031 | 217 | 40,379 | 237 | 2.565 | 14 |
| 4,498 | 66 | 2,301 | 31 | 11,036 | 112 | 17,835 | 209 | 1,393 | 18 |
| 12 |  | 350 | 10 | 431 | 15 | 793 | 25 | 348 | 11 |
| 2,390 | 170 | 135 | 7 | 2,760 | 144 | 5,285 | 321 | 328 | 20 |
|  |  |  |  |  |  |  |  | 94 | 28 |
|  |  |  |  |  |  |  |  |  |  |
| 14 | 14 | 53 | 53 |  | - | 67 | 67 | 268 | 269 |
| 6,914 | 250 | 6,187 | 121 | 51,258 | 488 | 64,359 | 859 | 4,996 | 360 |


| SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED <br> (Millions of Canadian dollars) | Q4/15 |  | Q4/15 |  | Q3/15 |  | Q3/15 |  | Q2/15 |  | Q2/15 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Banking book Total |  | Trading book Total |  | Banking book Total |  | Trading book Total |  | Banking book Total |  | Trading book Total |  |
|  | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges |
| <10\% | 38,092 | 224 | 2,765 | 15 | 37,454 | 221 | 2,937 | 17 | 34,917 | 205 | 2,734 | 15 |
| > 10\% $\leq 20 \%$ | 14,602 | 170 | 1,422 | 19 | 15,005 | 180 | 1,498 | 20 | 11,632 | 141 | 1,545 | 21 |
| $>20 \% \leq 50 \%$ | 754 | 23 | 366 | 11 | 833 | 26 | 461 | 13 | 805 | 27 | 522 | 15 |
| $>50 \% \leq 100 \%$ | 2,429 | 126 | 297 | 18 | 3,076 | 160 | 588 | 34 | 3,207 | 166 | 427 | 32 |
| > 100\% $\leq 650 \%$ |  |  | 80 | 27 | - |  | 268 | 72 |  |  | 296 | 82 |
| > $650 \%<1250 \%$ |  | 4 |  |  | - | 5 |  |  |  |  |  | - |
| 1250\% | 46 | 46 | 231 | 232 | 52 | 52 | 346 | 348 | 54 | 54 | 430 | 432 |
| Total securitization and resecuritization exposures retained or purchased | 55,923 | 589 | 5,161 | 322 | 56,420 | 639 | 6,098 | 504 | 50,615 | 593 | 5,954 | 597 |


| RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ${ }^{1,2,3}$(Millions of Canadian dollars) | Q1/16 |  | Q4/15 |  | Q3/15 |  | Q2/15 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Banking book | $\begin{gathered} \text { Trading } \\ \text { book } \end{gathered}$ | Banking book | Trading book | Banking book | $\begin{gathered} \text { Trading } \\ \text { book } \end{gathered}$ | Banking book | Trading book |
| AAA to AA- | 673 | 165 | 702 | 222 | 817 | 247 | 818 | 353 |
| A+ to A - | 2,968 | 156 | 2,553 | 169 | 3,243 | 208 | 3,357 | 199 |
| $B B B+$ to BB |  | 64 | - | 47 |  | 159 |  | 159 |
| BB- and below |  | 5 | - | 11 |  | 5 |  | 6 |
| Unrated | - | 11 | $\stackrel{-}{-}$ | 11 | - | 40 | $\stackrel{-}{-}$ | 33 |
| Total resecuritization exposures retained or purchased | 3,641 | 401 | 3,255 | 460 | 4,060 | 659 | 4,175 | 750 |

${ }^{1}$ The amounts reported are based on the regulatory securitization reporting requirements. It includes our credit card loans. It excludes our Canadian residential mortgages under the NHA MBS program which also encompass our Canadian social housing mortgages.
These amounts differ from, and are not directly comparable to amounts reported in our Report to Shareholders due to the differences between IFRS accounting and regulatory consolidation.
${ }^{2}$ Amounts rellect regulatory exposure values.
Securitization exposures include securities, liquidity facilities, protection provided to securitization positions, other commitments and credit enhancements.
Capital charges for Standardized approach deductions are net of ACL and partial write-offs. Capital charges for Rating based approach and internal assessment approach are gross of ACL and partial write-offs.

| BASEL III REGULATORY CAPITAL AND RATIOS (ALL-IN BASIS) (Millions of Canadian dollars, except percentage and otherwise noted) | Cross Reference of Current Quarter to Regulatory Capital Balance Sheet Pages $23-24$ | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Common Equity Tier 1 capital ( (EET1): Instruments and Reserves |  |  |  |  |  |  |
| 1 Directly issued qualifying common share capital (and equivalent for non-joint stock companies) plus related stock surplus | a+a' | 18,136 | 14,739 | 14,729 | 14,619 | 14,646 |
| 2 Retained earning | ${ }^{\text {b }}$ b ${ }^{\prime}$ | 38,494 | 37,645 | 35,627 | 33,976 | 32,332 |
| 3 Accumulated other comprehensive income (and other reserves) | c-c' | 6,393 | 4,626 | 4,760 | 3,185 | 4,335 |
| 4 Directly issued capital subject to phase out trom CET1 (only applicable to non-joint stock companies) |  |  |  |  |  |  |
| 5 Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1) | d | 15 | 13 | 13 | 12 | 13 |
| ${ }^{6}$ Common Equity Tier 1 capital before regulatory adjustments |  | 63,038 | 57,023 | 55,129 | 51,792 | 51,326 |
| Common Equity Tier 1 capital: Regulatory adjustments |  |  |  |  |  |  |
| 7 Prudential valuation adjustments |  |  |  |  |  |  |
| 8 Goodwill (net of related tax liability) | e+e' + m ${ }^{\text {ct }}$ | 12,029 | 9,295 | 9,344 | 8,896 | 9,160 |
| 9 Other intangibles other than mortgage-servicing rights (net of related tax liability) | f+1'm"-v | 3,458 | 2,197 | 2,195 | 2,168 | 2,189 |
| 10 Deferred tax assets excluding those arising from temporary differences (net of related tax liability) | g | 51 | 54 | 54 | 62 | 65 |
| 11 Cash flow hedge reserve | h | (175) | (116) | (211) | (21) | (136) |
| 12 Shortfall of provisions to expected losses | i | 1,315 | 1,177 | 1,001 | 948 | 965 |
| 13 Securitization gain on sale |  |  |  |  |  |  |
| 14 Gains and losses due to changes in own credit risk on fair valued liabilities | j | 579 | 456 | 233 | 47 | 137 |
| 15 Defined benefit pension fund net assets (net of related tax liability) | k-u | 109 | 245 | 108 | 84 | 44 |
| 16 Investments in own shares (if not already netted off paid-in capital on reported balance sheet) |  |  |  |  |  |  |
| 17 Reciprocal cross holdings in common equity |  |  |  |  |  |  |
| 18 Non-significant investments in the capital of banking, financial and insurance entities, net of eligible short positions (amount above $10 \%$ threshold) |  |  |  |  |  |  |
| 19 Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions (amount above $10 \%$ threshold) |  |  |  |  |  |  |
| 20 Mortgage servicing rights (amount above $10 \%$ threshold) |  |  |  |  |  |  |
| 21 Deferred tax assets arising from temporary differences (amount above $10 \%$ threshold, net of related tax liability) |  |  |  |  |  |  |
| 22 Amount exceeding the 15\% threshold |  |  |  |  |  |  |
| ${ }^{23}$ of which: significant investments in the common stock of financials | 1 |  |  |  |  |  |
| 24 of which: mortgage servicing rights ${ }^{25}$ of whic: deterred tex assets raisin |  |  |  |  |  |  |
| 25 of which: deferred tax assets arising from temporary differences | m |  |  |  |  |  |
| 26 Other deductions or regulatory adjustments to CET1 as determined by OSFI |  |  |  |  |  |  |
| 27 28 Regulatory adjustments applied to Common Equity Tier 1 due to insufficient Additional Tier 1 and Tier 2 to cover deductions ${ }^{28}$ Total regulatory adiustments to Common Equity Tier 1 |  |  |  |  |  |  |
| ${ }^{29}$ Common Equity Tier 1 capital (CET1) |  | 45,672 | 43,715 | 42,405 | 39,608 | 38,902 |
| Additional Tier 1 capital (AT1): Instruments |  |  |  |  |  |  |
| 30 Directly issued qualifying Additional Tier 1 instruments plus related stock surplus |  | 3,075 | 2,350 | 2,200 | 1,900 | 1,600 |
| 31 of which: classified as equity under applicable accounting standards | $\mathrm{n}^{\prime}$ | 3,075 | 2,350 | 2,200 | 1,900 | 1,600 |
| 32 of which: classified as liabilities under applicable accounting standards | n-n'n"-n"'m |  |  |  |  |  |
| ${ }^{33}$ Directly issued capital instruments subject to phase out trom Additional Tier 1 | $x^{\prime}+$ +n"+n"' | 3,242 | 4,473 | 4,441 | 4,478 | 4,412 |
| ${ }^{34}$ Additional Tier 1 instruments (and CET1 instruments not included in row 5 ) issued by subsidiaries and held by third parties (amount allowed in group AT1) 35 of which: instruments issued by subsidiaries subject to phase out | - | 3 | 3 | 3 | 3 |  |
| ${ }^{36}$ Additional Tier 1 capital before regulatory adjustments |  | 6,320 | 6,826 | 6,644 | 6,381 | 6,015 |
| Additional Tier 1 capital: Regulatory adjustments |  |  |  |  |  |  |
| 37 Investments in own Additional Tier 1 instruments |  | - |  |  |  |  |
| 38 Reciprocal cross holdings in Additional Tier 1 instruments |  |  |  |  |  |  |
| 39 Non-significant investments in the capital of banking, financial and insurance entities, net of eligible short positions (amount above $10 \%$ threshold) |  |  |  | - | - |  |
| 40 Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions |  | - | - | - | - |  |
| 41 Other deductions from Tier 1 capital as determined by OSFI |  |  |  |  |  |  |
| 41 a of which: reverse mortgages |  | - | - |  |  |  |
| 42 Regulatory adjustments applied to Additional Tier 1 due to insufficicie |  |  |  |  |  |  |
| 43 Total regulatory adjustments to Additional Tier 1 capital 44 Additional Tier 1 Capital (AT1) |  |  | 6.826 | 6.644 |  |  |
| 45 Tier 1 capital (T1 = CET1 + AT1) |  | 51,992 | 50,541 | 49,049 | 45,989 | 44,917 |
| Tier 2 Capital: Instruments and Provisions |  |  |  |  |  |  |
| 46 Directly issued qualitying Tier 2 instruments plus related stock surplus | q" | 6,691 | 3,073 | 3,077 | 2,056 | 2,086 |
| 47 Directly issued capital instruments subject to phase out from Tier 2 | q'' | 2,742 | 4,227 | 4,235 | 5,682 | 5,743 |
| 48 Tier 2 instruments (and CET1 and AT1 instruments not included in rows 5 or 34 ) issued by subsidiaries and held by third parties (amount allowed in group Tier 2) | r | 29 | 29 | 33 | 31 | 31 |
| 49 of which: instruments issued by subsidiaries subject to phase out | q"' | 26 | 26 | 31 | 29 | 29 |
| 50 Collective allowances | s | 298 | 134 | 159 | 174 | 176 |
| ${ }^{51}$ Tier 2 capital before regulatory adjustments |  | 9,760 | 7,463 | 7,504 | 7,943 | 8,036 |
| Tier 2 Capital: Regulatory adjustments |  |  |  |  |  |  |
| 52 Investments in own Tier 2 instruments |  | - | - |  |  |  |
| ${ }_{53}$ Reciprocal cross holdings in Tier 2 instruments |  |  |  |  |  |  |
| 54 Non-significant investments in the capital of banking, financial and insurance entities, net of eligible short positions (amount above $10 \%$ threshold) |  | - | - | - | - |  |
| 55 56 56 Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions |  | - | - |  | - |  |
| 56 Other deductions from Tier 2 capital |  |  |  |  |  |  |
| 57 Total regulatory adjustments to Tier 2 capital 58 Tier 2 capital (T2) |  | 9,760 | 7,463 | 7,504 | 7,943 | 8,036 |
| ${ }_{59}$ Total capital (TC $=$ T1 + T2) |  | 61,752 | 58,004 | 56,553 | 53,932 | 52,953 |
| ${ }^{60}$ Total risk-weighted assets |  | 462,449 | 413,957 | 421,908 | 398,992 | 407,934 |
| 60a Common Equity Tier 1 (CET1) Capital RWA |  | 459,929 | 411,756 | 419,484 | 396,874 | 405,307 |
| ${ }^{600}$ Tier 1 Capital RWA |  | 461,286 | ${ }^{412,941}$ | 420,789 | 398,014 | 406,722 |
| 60 C Total Capital RWA |  | 462,449 | 413,957 | 421,908 | 398,992 | 407,934 |

## pital ratio

61 Common Equity Tier 1 (as percentage of risk-weighted assets)
62 Tier 1 (as percentage of risk-weighted assets)
63 Total capital (as percentage of risk-weighted assets)
64 Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus G-SIB buffer requirement plus D-SIB buffer requirement expressed as a percentage of risk-weighted assets)
65 of which: capital conservation buffer requirement
66 Not applicable
7 of which: G-SIB buffer requiremen
68 Common Equity Tier 1 available to meet buffers (as percentage of risk-weighted assets)

| 9.9\% | 10.6\% | 10.1\% | 10.0\% | 9.6\% |
| :---: | :---: | :---: | :---: | :---: |
| 11.3\% | 12.2\% | 11.7\% | 11.6\% | 11.0\% |
| 13.4\% | 14.0\% | 13.4\% | 13.5\% | 13.0\% |
| 7.0\% | 7.0\% | 7.0\% | 7.0\% | 7.0\% |
| 2.5\% | 2.5\% | 2.5\% | 2.5\% | 2.5\% |
| n.a. | n.a. | n.a. | n.a. | n.a. |
| n.a. | n.a. | n.a. | n.a. | n.a. |
| n.a. | n.a. | n.a. | n.a. | n.a. |
| 9.9\% | 10.6\% | 10.1\% | 10.0\% | 9.6\% |
| 7.0\% | 7.0\% | 7.0\% | 7.0\% | 7.0\% |
| 8.5\% | 8.5\% | 8.5\% | 8.5\% | 8.5\% |
| 10.5\% | 10.5\% | 10.5\% | 10.5\% | 10.5\% |
| 1,673 | 1,799 | 719 | 1,102 | 664 |
| 3,553 | 3,289 | 3,084 | 3,004 | 2,939 |
| 2,355 | 2,378 | 2,655 | 2,565 | 2,691 |
| 298 | 134 | 159 | 174 | 176 |
| 298 | 134 | 159 | 174 | 176 |
| 1,531 | 1,696 | 1,693 | 1,662 | 1,679 |
| 1,531 | 1,696 | 1,693 | 1,662 | 1,679 |
| - | - | - | - |  |
| 4,435 | 5,174 | 5,174 | 5,174 | 5,174 |
|  |  |  | - |  |
| 5,514 | 6,433 | 6,433 | 6,433 | 6,433 |

SFt ail-in target (minimum + capital conservation buffer + D-SIB surcharge (if applicable))
Common Equity Tier 1 all-in target ratio
70 Tier 1 capital all-in target ratio

Amounts below the thresholds for deduction (before risk-weighting)
72 Non-significant investments in the capital of other financials
74 Mortgage servicing rights (net of related tax liability)
75 Deferred tax assets arising from temporary differences (net of related tax liability)

5,514

Q1/1


BASEL III REGULATORY CAPITAL AND RATIOS (TRANSITIONAL BASIS) ${ }^{1,2}$ (Millions of Canadian dollars, except percentage and otherwise noted)

29 Common Equity Tier 1 capital (CET1)
45 Tier 1 capital ( $\mathrm{T} 1=\mathbf{C E T} 1+$ AT1)
59 Total capital (TC = T1 + T2)
60 Total risk-weighted assets
61 Common Equity Tier 1 (as percentage of risk-weighted assets)
62 Tier 1 (as percentage of risk-weighted assets)
63 Total capital (as percentage of risk-weighted assets)

| 52,451 | 51,616 | 50,124 | 46,986 | 46,446 |
| ---: | ---: | ---: | ---: | ---: |
| 53,785 | 52,510 | 50,860 | 47,743 | 46,673 |
| 63,281 | 59,618 | 58,062 | 55,401 | 54,418 |
| 468,354 | 429,604 | 430,721 | 404,127 | 413,960 |
| $11.2 \%$ | $12.0 \%$ | $11.6 \%$ | $11.6 \%$ | $11.2 \%$ |
| $11.5 \%$ | $12.2 \%$ | $11.8 \%$ | $11.8 \%$ | $11.3 \%$ |
| $13.5 \%$ | $13.9 \%$ | $13.5 \%$ | $13.7 \%$ | $13.2 \%$ |

${ }^{1}$ The transitional Capital and RWA balances for Q1 2015 have been revised
${ }^{2}$ The transitional RWA does not reflect the CVA phase-in adjustments as implemented under the All-in Basis.

Under regulatory scope of consolidation

## Assets

Cash and due from banks
Interest-bearing deposits with banks
Securities
Non-significant investments in capital of other financial institutions reflected in regulatory capital
Other securities
Assets purchased under reverse repurchase agreements and securities borrowed
Loans
Retail
Wholesale
Allowance for loan losses
Collective allowance reflected in Tier 2 regulatory capital
Shortfall of allowances to expected loss
Allowances not reflected in regulatory capital
Segregated fund net assets
Other
Customers' liability under acceptances
Derivatives
Premises and equipment, net
Goodwill
Goodwill related to insurance and joint ventures
Other intangibles
Other intangibles related to insurance and joint ventures
Other
Significant investments in other financial institutions and insurance subsidiaries
of which: significant investments exceeding regulatory thresholds
of which: significant investments not exceeding regulatory thresholds

## nvestments in joint ventures and associates

Defined -benefit pension fund net assets
Deferred tax assets
of which: deferred tax assets excluding those arising from temporary differences
of which: deferred tax assets arising from temporary differences exceeding regulatory thresholds of which: deferred tax liabilities related to permitted tax netting
of which: deferred tax assets - other temporary differences

## Other assets

of which relates to assets of Ops held for sale - goodwill
of which relates to assets of Ops held for sale - intangibles
Total assets


Under regulato

Liabilities
Personal
Business and government
Bank
Segregated fund net liabilities
Other
Other
Acceptances
Obligations related to securities sold short
Obligations related to assets sold under repurchase agreements and securities loaned
Derivatives
Insurance cla
Insurance claims and policy benefit liabilitie
Other liabilities
Gains and losses due to changes in own credit risk on fair value liabilities
of which: related to go
of which: related to intangibles
of which: related to pensions
of which: relates to permitted tax netting
of which: other deferred tax liabilities
Other Liabilities
Regulatory capital amortization of maturing debenture
Subordinated debentures not allowed for regulatory capita
Subordinated debentures used for regulatory capita:
of which: are qualifying
of which: are subject to phase out issued by subsidiaries and held by 3rd party
Total liabilities
Equity attributable to shareholders
Common shares
Treasury shares -
Retained earnings
of which relates to contributed surplus
of which relates to retained earning for capital purposes
of which relates to insurance and joint ventures
Other components of equity
Gains and losses on derivatives designated as cash flow hedges
Other reserves allowed for regulation gains and losses, net of hedging activities
of which relates to Insurance
Preferred shares
of which: are qualifying
of which: are subject to phase out
of which portion are not allowed for regulatory capital
Treasury shares - preferr
of which: are qualifying
of which: are subject to phase ou
of which: are qualifying
portion allowed for inclusion into CET1
portion allowed for inclusion into Tier 1 capital
portion allowed for inclusion into Tier 2 capital
of which: are subject to phase out
of which: portion not allowed for regulatory capital
Total equity
Total liabilities and equitv

| Insurance subsidiaries ${ }^{\text {1 }}$ | Principal activities |
| :--- | :--- |
| Assured Assistance Inc. | Service provider for insurance claims |
| RBC General Insurance Company | Property and casualty insurance company |
| RBC Insurance Services Inc. | Sevrice provider for insurance companies listed and the bank (creditor) |
| RBC Life Insurance Company | Life and health insurance company |
| RBC Insurance Company of Canada | Property and casualty insurance company |
| RBC Insurance Holdings Inc. | Holding company |
| Royal Bank of Canada Insurance Company Limited | Life, annuity, trade credit, title and property reinsurance company provides coverage to international clients |


| Equity |
| ---: |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| 32 |
| 6 |
|  |


| $\mathbf{1 , 2 0 0 , 3 5 2}$ |
| ---: |
| Assets |
|  |
| 1,643 |
| 6 |
|  |
| 11,567 |
| 229 |
| -9 |
| 14,178 |


${ }^{1}$ The list of legal entities that are included within the accounting scope of consolidation but excluded from the regulatory scope of consolidation.

## Common Tier 1 (CET1) capital

## Opening amount

New capital issues
Redeemed capital
Gross dividends (deduction)
Profit for the year (attributable to shareholders of parent company)
Removal of own credit spread (net of tax)

| 43,715 | 42,405 | 39,608 | 38,902 | 36,406 |
| :---: | :---: | :---: | :---: | :---: |
| 3,201 | 12 | 5 | 25 | 20 |
|  | - | (1,160) | (1,158) | (1, - $^{-}$ |
| $(1,235)$ | $(1,195)$ | $(1,160)$ | $(1,158)$ | $(1,121)$ |
| 2,426 | 2,569 | 2,449 | 2,473 | 2,434 |
| (123) | (223) | (186) | 90 | (102) |
| 1,767 | (134) | 1,575 | $(1,150)$ | 1,917 |
| 1,842 | (41) | 1,760 | $(1,123)$ | 1,940 |
| (16) | (188) | 5 | (142) | 208 |
| (59) | 95 | (190) | 115 | (231) |
| $(3,994)$ | 47 | (475) | 285 | (543) |
| (85) | 234 | 589 | 141 | (109) |
| 3 | - | 8 | 3 | (22) |
| 136 | (137) | (24) | (40) | 94 |
|  | - | - | - | 49 |
|  | - | - | - |  |
| (224) | 371 | 605 | 178 | (230) |
| 45,672 | 43,715 | 42,405 | 39,608 | 38,902 |
| 6,826 | 6,644 | 6,381 | 6,015 | 5,796 |
| 725 | 150 | 300 | 300 | 600 |
| $(1,231)$ | 32 | (37) | 66 | (381) |
| 6,320 | 6,826 | 6,644 | 6,381 | 6,015 |
| 51,992 | 50,541 | 49,049 | 45,989 | 44,917 |
| 7,463 | 7,504 | 7,943 | 8,036 | 7,818 |
| 3,606 | - | 1,000 | - | - |
|  |  |  |  |  |
| $(1,309)$ | (41) | $(1,439)$ | (93) | 218 |
| 9,760 | 7,463 | 7,504 | 7,943 | 8,036 |
| 61,752 | 58,004 | 56,553 | 53,932 | 52,953 |

${ }^{1}$ Reflects required EDTF format
${ }^{2}$ Includes changes in shortfall in allowance, treasury shares, issue costs and other, share-based compensation awards, threshold deduction allocated to loss carry back, de-recognition of cash flow hedge reserves, transitional adjustment and common equity issued by consolidated subsidiaries to third parties.
${ }^{3}$ Includes changes to capital issued by consolidated bank subsidiaries to third parties and non-qualifying capital instruments.
${ }^{4}$ Includes $\$ 1,200$ million non-qualifying innovative instruments redeemed in Q1/16, includes $\$ 325$ million non-qualifyying preferred shares redeemed in Q1/15.
${ }^{5}$ Includes changes to non-qualifying capital issued by consolidated bank subsidiaries to third parties, non-qualifying capital instruments and eligible collective allowance.
${ }^{6}$ Includes $\$ 1,500$ million non-qualifying subordinated debentures redeemed in Q1/16 and Q3/15.
$\underset{\text { Total }}{ }{ }^{\text {Q1/15 }}$


| 223,084 | 8\% | 6,163 | 10,599 | - | 16,762 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 222,618 | 23\% | 6,114 | 44,495 |  | 50,609 |
| 332,398 | 56\% | 43,492 | 142,144 | - | 185,636 |
| 89,258 | 12\% | 3,743 | 6,532 |  | 10,275 |
| 106,128 | 10\% | 2,132 | 8,738 | - | 10,870 |
| 973,486 | 28\% | 61,644 | 212,508 | - | 274,152 |
| 382,930 | 2\% | 69 | 7,286 | 33 | 7,388 |
| 99,103 | 33\% | 1,787 | 17,852 | 12,995 | 32,634 |
| 482,033 | 8\% | 1,856 | 25,138 | 13,028 | 40,022 |
| 1,455,519 | 22\% | 63,500 | 237,646 | 13,028 | 314,174 |
| 2,532 | 97\% |  | 2,445 | - | 2,445 |
| 64,368 | 17\% | 3,136 | 7,610 | - | 10,746 |
| n.a. | n.a. | n.a. | 14,823 | - | 14,823 |
| 49,057 | 56\% | n.a. | n.a. | 27,417 | 27,417 |
| 1,571,476 | 24\% | 66,636 | 262,524 | 40,445 | 369,605 |




| Market risk ${ }^{\text {114,12 }}$ |
| :--- |
| Interest rate |
| Equity |
| Foreign exchange |
| Commodities |
| Specific risk |
| Incremental risk charge ${ }^{\text {13, } 14}$ |
| Total market risk |

Total market risk
Operational risk ${ }^{15}$
CET1 capital risk-weighted assets
Additional CVA adjustment, prescribed by OSFI, for Tier 1 Capital ${ }^{6}$
Tier 1 capital risk-weighted assets

|  | 1,685 | 4,665 | - | 6,350 |
| :---: | :---: | :---: | :---: | :---: |
|  | 1,942 | 2,394 |  | 4,336 |
|  | 990 | 148 |  | 1,138 |
|  | 537 | 12 |  | 549 |
|  | 9,120 | 2,574 |  | 11,694 |
|  |  | 13,165 |  | 13,165 |
|  | 14,274 | 22,958 | - | 37,232 |
|  | 53,092 | n.a. | n.a. | 53,092 |
|  |  |  |  |  |
| 1,571,476 | 134,002 | 285,482 | 40,445 | 459,929 |
|  |  |  | 1,357 | 1,357 |
| 1,571,476 | 134,002 | 285,482 | 41,802 | 461,286 |
|  |  |  | 1,163 | 1,163 |
| 1,571,476 | 134,002 | 285,482 | 42,965 | 462,44 |



| 8,174 | 8,273 | 7,310 | 7,462 |
| :---: | :---: | :---: | :---: |
| 3,731 | 3,108 | 863 | 1,266 |
| 988 | 1,834 | 1,631 | 1,522 |
| 956 | 1,158 | 2,306 | 2,682 |
| 11,800 | 14,249 | 14,896 | 18,3 |
| 14,137 | 12,700 | 15,909 | 14,366 |
| 39,786 | 41,322 | 42,915 | 45,623 |
| 50,301 | 50,009 | 49,246 | 48,148 |
| 411,756 | 419,484 | 396,874 | 405,307 |
| 1,185 | 1,305 | 1,140 | 1,415 |
| 412,941 | 420,789 | 398,014 | 406,722 |
| 1,016 | 1,119 | 978 | 1,212 |
| 413,957 | 421,908 | 398,992 | 407,934 |


| CVA | OSFI Scalars | Total RWA before <br> CVA phase-in <br> (A) | CVAPhase -in <br> Adjustments <br> (D) | RWA Net CVA <br> phase-in |
| ---: | ---: | ---: | ---: | ---: |
| (B) |  |  |  |  |

## rWa CVA PHASE-IN CALCULATION ${ }^{6}$ <br> Commone

Tier 1 capital RWA
Wier 1 (CET1) capital RWA

Calculated using guidelines issued by OSFI under the Basel III All-in framework.
nts exposure at defaut which is the expected gross expo
${ }^{3}$ Represents the average of counterparty risk weights within a particular category.
${ }^{4}$ The minimum capital requirements for each category can be calculated by multiplying the total RWA by $8 \%$.
For credit risk, a majority of our portfolios use the Internal Ratings Based (IRB) Approach and the remainder use the Standardized Approach
Commencing Q1/14, a new CVA regulatory capital charge was applied to derivatives. In Q3/14 OSFI introduced a new three tier capital approach with different scalars for each tier. 2015 and 2016 scalars percentages are the same and shown above.
${ }^{7}$ CAR (Capital Adequacy Requirement) guidelines define banking book equities based on the economic substance of the transaction rather than the legal form or accounting treatment associated with the financial instrument. As such, differences exist in the identification of equity securties held in the banking ments held for investment purposes and are not part of our trading book, consisting of publicy-traded and private equities, partnership units, venture capital and derivative instruments tied to equity interests.
The amount of available-for-sale securties held in the banking book that were "grandfathered"" exposures amounted to $\$ 1,565$ million. Total exposure represents exposure at default, which is the expected gross exposure upon the default of an obligor
The scaling factor represents a calibration adjustment of $6 \%$ as prescribed by OSFI under the Basel III framework and is applied to RWA a mounts for credit risk assessed under the IRB Approach
${ }^{10}$ For credit risk, portfolios using the Standardized and IRB Approaches represents $18 \%$ and $71 \%$, respectively, of RWA. The remaining $11 \%$ represents Balance Sheeet assets not included in Standardized or IRB Approaches.
"For market risk RWA measurement, we use an internal models approach where we have obtained regulatory approval, and a standardized approach for products yet to be approved.
Regulatory capital for our correlation trading portiflios is determined hirough the standardized approan ascinced by OSFl. Therefore, we do not have a Comprehensive Risk Charge for these portfolios. Our securitization and resecuritization positions in our trading book also have capital requirements spreads and underlying asset prices as well as VaR and stress testing measures.
 generate a statistically relevant number of loss scenarios due to ratings migration and default in order to establish the losses at that confidence level. We also make certain assumption
months to maximum of one year. The determination of liquididy is based on issuer type and credit rating. Credit rating migration and default probabilities are based on historical data.
${ }^{14}$ The models are subject to the same internal independent vetting and validation procedures used for all regulatory capital models. Important assumptions are re-reviewed at least annually. Due to long time horizon and high confidence level of the risk measure, we do not perform back-testing as we do for
${ }^{\text {the }}$ VaR measure.
${ }^{15}$ For operational risk, we use the Standardized Approach.

| Internal models-based approach |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VaR | 2,182 | 175 | 2,458 | 197 | 2,873 | 230 | 2,762 | 221 | 2,712 | 217 |
| Stressed VaR | 7,611 | 609 | 9,650 | 772 | 8,228 | 658 | 6,129 | 490 | 6,354 | 508 |
| Incremental risk charge | 13,165 | 1,053 | 14,137 | 1,131 | 12,700 | 1,016 | 15,909 | 1,273 | 14,366 | 1,150 |
| Comprehensive risk measure |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |
|  | 22,958 | 1,837 | 26,245 | 2,100 | 23,801 | 1,904 | 24,800 | 1,984 | 23,432 | 1,875 |
| Standardized approach | 14,274 | 1,142 | 13,541 | 1,083 | 17,521 | 1,402 | 18,115 | 1,449 | 22,191 | 1,775 |
| Total Market Risk RWA | 37,232 | 2,979 | 39,786 | 3,183 | 41,322 | 3,306 | 42,915 | 3,433 | 45,623 | 3,650 |


| TOTAL CAPITAL RISK-WEIGHTED ASSETS BY BUSINESS SEGMENTS (ALL-IN BASIS) (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal and Commercial Banking |  |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Banking | 134,037 | 135,348 | 131,377 | 128,439 | 127,240 | 125,187 | 123,792 |  |  |  |  |  |
| Caribbean \& U.S. Banking | 17,593 | 16,323 | 17,775 | 16,443 | 17,205 | 14,557 | 14,183 |  |  |  |  |  |
| Wealth Management | 61,953 | 21,439 | 24,491 | 24,124 | 25,340 | 23,049 | 22,740 |  |  |  |  |  |
| Insurance | 8,174 | 8,262 | 7,975 | 7,795 | 7,649 | 7,301 | 7,261 |  |  |  |  |  |
| Investor \& Treasury Services | 33,701 | 32,552 | 29,502 | 28,131 | 28,515 | 23,533 | 21,944 |  |  |  |  |  |
| Capital Markets | 201,720 | 193,645 | 203,622 | 189,743 | 195,686 | 171,057 | 172,871 |  |  |  |  |  |
| Corporate Support | 5,271 | 6,388 | 7,166 | 4,317 | 6,299 | 7,366 | 9,158 |  |  |  |  |  |
| Total capital risk-weighted assets | 462,449 | 413,957 | 421,908 | 398,992 | 407,934 | 372,050 | 371,949 |  |  |  |  |  |
| MOVEMENT OF TOTAL CAPITAL RISK-WEIGHTED |  | Q1/16 |  |  | Q4/15 |  |  | Q3/15 |  |  | Q2/15 |  |
| ASSETS (RWA) BY RISK TYPE (ALL-IN BASIS) (Millions of Canadian dollars, except percentage and otherwise noted) | Non- counterparty credit risk credit tisk | Counterparty credit risk | Total | $\begin{gathered} \text { Non- } \\ \text { counterparty } \\ \text { credit risk } \end{gathered}$ | Counterparty credit risk | Total | Non- counterparty credit isk | Counterparty credift risk | Total | $\begin{gathered} \text { Non- } \\ \text { counterparty } \\ \text { credit isk } \end{gathered}$ | Counterparty | Total |
| Credit risk RWA |  |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance of credit risk RWA | 285,657 | 38,213 | 323,870 | 288,107 | 42,470 | 330,577 | 268,730 | 38,101 | 306,831 | 272,180 | 41,983 | 314,163 |
| Portfolio size ${ }^{1}$ | $(4,149)$ | 2,025 | $(2,124)$ | 1,073 | $(3,599)$ | $(2,526)$ | 7,795 | 2,267 | 10,062 | 1,923 | $(4,194)$ | $(2,271)$ |
| Portfolio credit quality ${ }^{2,3}$ | 3,992 | 155 | 4,147 | 400 | (494) | (94) | 871 | (593) | 278 | 760 | (744) | 16 |
| Model updates ${ }^{4}$ | 106 |  | 106 | (269) |  | (269) | 415 | - | 415 | . | 1,781 | 1,781 |
| Methodology and policy ${ }^{5}$ |  |  |  |  | - |  |  |  |  | - | - |  |
| Acquisitions and dispositions ${ }^{3}$ | 33,844 | 362 | 34,206 | $(1,122)$ | (11) | $(1,133)$ | (292) |  | (292) | $\checkmark$ | - |  |
| Foreign exchange movements | 10,718 | 1,662 | 12,380 | (241) | (74) | (315) | 11,081 | 2,533 | 13,614 | $(6,796)$ | $(1,566)$ | $(8,362)$ |
| Other | (584) | 124 | (460) | $(2,291)$ | (79) | $(2,370)$ | (493) | 162 | (331) | 663 | ${ }_{841}$ | 1,504 |
| Closing balance of creditr risk RWA | 329,584 | 42,541 | 372,125 | 285,657 | 38,213 | 323,870 | 288,107 | 42,470 | 330,577 | 268,730 | 38,101 | 306,831 |
| Market risk RWA |  |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance of market risk RWA | n.a. | n.a. | 39,786 | n.a. | n.a. | 41,322 | n.a. | n.a. | 42,915 | n.a. | n.a. | 45,623 |
| Movement in risk levels ${ }^{6}$ | n.a. | n.a. | $(2,421)$ | n.a. | n.a. | $(1,358)$ | n.a. | n.a. | $(3,550)$ | n.a. | n.a. | $(1,812)$ |
| Model updates ${ }^{4}$ | n.a. | n.a. | (80) | n.a. | n.a. | 2,024 | n.a. | n.a. | 1,573 | n.a. | n.a. |  |
| Methodology and policy ${ }^{5}$ | n.a. | n.a. | (512) | n.a. | n.a. | $(1,250)$ | n.a. | n.a. | $(1,375)$ | n.a. | n.a. | (250) |
| Acquisitions and dispositions | n.a. | n.a. |  | n.a. | n.a. |  | n.a. | n.a. |  | n.a. | n.a. |  |
| Foreign exchange movements | n.a. | n.a. | 459 | n.a. | n.a. | 152 | n.a. | n.a. | 1,759 | n.a. | n.a. | (496) |
| Other | n.a. | n.a. |  | n.a. | n.a. | $(1,104)$ | n.a. | n.a. |  | n.a. | n.a. | (150) |
| Closing balance of market risk RWA | n.a. | n.a. | 37,232 | n.a. | n.a. | 39,786 | n.a. | n.a. | 41,322 | n.a. | n.a. | 42,915 |
| Operational risk RWA |  |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance of operational risk RWA | n.a. | n.a. | 50,301 | n.a. | n.a. | 50,009 | n.a. | n.a. | 49,246 | n.a. | n.a. | 48,148 |
| Revenue generation | n.a. | n.a. | 2,791 | n.a. | n.a. | 292 | n.a. | n.a. | 763 | n.a. | n.a. | 1,098 |
| Closing balance of operational risk RWA | n.a. | n.a. | 53,092 | n.a. | n.a. | 50,301 | n.a. | n.a. | 50,009 | n.a. | n.a. | 49,246 |
| Total capital RWA | 329,584 | 42,541 | 462,449 | 285,657 | 38,213 | 413,957 | 288,107 | 42,470 | 421,908 | 268,730 | 38,101 | 398,992 |
| ATTRIBUTED CAPITAL (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |  |
| Attributed capital |  |  |  |  |  |  |  |  |  |  |  |  |
| Credit risk | 20,450 | 17,650 | 16,500 | 16,050 | 15,450 | 15,250 | 13,900 | 13,050 | 13,000 | 16,400 | 13,800 |  |
| Market risk (trading and non-trading) | 3,550 | 3,800 | 3,800 | 3,900 | 4,200 | 4,200 | 4,000 | 3,600 | 3,900 | 3,900 | 3,900 |  |
| Operational risk | 4,750 | 4,300 | 4,600 | 4,800 | 4,600 | 4,200 | 4,550 | 4,300 | 4,200 | 4,600 | 4,300 |  |
| Business and fixed assets risk | 3,100 | 2,700 | 2,900 | 3,050 | 2,900 | 2,600 | 2,850 | 2,750 | 2,700 | 2,900 | 2,750 |  |
| Insurance risk | 650 | 550 | 550 | 550 | 500 | 500 | 500 | 550 | 500 | 550 | 500 |  |
| Goodwill and intangibles | 16,650 | 12,150 | 11,950 | 11,850 | 11,650 | 11,400 | 11,300 | 11,350 | 11,350 | 11,900 | 11,350 |  |
| Regulatory capital allocation ${ }^{7}$ | 8,500 | 6,500 | 5,100 | 5,400 | 4,600 | 4,200 | 4,050 | 4,400 | 3,900 | 5,400 | 4,150 |  |
| Attributed capital | 57,650 | 47,650 | 45,400 | 45,600 | 43,900 | 42,350 | 41,150 | 40,000 | 39,550 | 45,650 | 40,750 |  |
| Under/(over) attribution of capital ${ }^{7,8}$ | 3,800 | 8,150 | 7,200 | 5,900 | 5,350 | 5,100 | 5,250 | 5,550 | 4,500 | 6,650 | 4,950 |  |
| Total average common equity | 61,450 | 55,800 | 52,600 | 51,500 | 49,250 | 47,450 | 46,400 | 45,550 | 44,050 | 52,300 | 45,700 |  |

${ }^{1}$ Organic changes in portfolio size and composition (including new business and maturing loans).
Quality of book changes caused by experience such as underlying customer behaviour or demographics and credit migration.
${ }^{3}$ Q3/15 reclassification of a disposition previously reported as portfolio size
${ }^{4}$ Updates to the model to reflect recent experience, model implementation, change in model scope or any change to address model malfunctions including changes through model calibrations/realignments.
${ }^{5}$ Methodology changes to the calculations driven by regulatory policy changes.
Change in risk due to position changes and market movements.
y revised to anticipate and incorporate any changes in the regulatory (Basel and /or OSFI) environment that affects our capital requirement. As such, effective 2014, attributed capital includes the Credit Valuation Adjustment (CVA) as prescribed by OSFI.
Effective Q1/16, we increased our capital attribution rate to better align with higher regulatory capital requirements.
${ }^{8}$ Under/(over) attribution of capital is reported in Corporate Support.

| $1,200,352$ | $1,074,208$ | $1,085,173$ | $1,032,172$ | $1,086,695$ |
| :---: | :---: | :---: | ---: | ---: |
|  |  |  |  |  |
| $(11,230)$ | $(10,881)$ | $(11,054)$ | $(10,620)$ | $(10,668)$ |
|  |  |  |  |  |
| - | - | - | - | - |
| $(45,206)$ | $(25,497)$ | $(29,871)$ | $(32,496)$ | $(49,259)$ |
| 16,273 | 13,636 | 16,263 | 13,202 | 12,186 |
| 166,932 | 151,393 | 150,674 | 150,149 | 154,887 |
| $(37,066)$ | $(30,950)$ | $(31,259)$ | $(12,995)$ | $(13,389)$ |
| $1,290,055$ | $1,171,909$ | $1,179,926$ | $1,139,412$ | $1,180,452$ |

## Additional information

Leverage ratio exposure - transitional basis
Additional asset amounts deducted in determining Basel III all-in Tier 1 capital
Leverage Ratio Exposure - all-in basis

|  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| $1,290,055$ | $1,171,909$ | $1,179,926$ | $1,139,412$ | $1,180,452$ |
| $(1,535)$ | $(1,734)$ | $(1,503)$ | $(1,652)$ | $(1,532)$ |
| $1,288,520$ | $1,170,175$ | $1,178,423$ | $1,137,760$ | $1,178,920$ |

## LEVERAGE RATIO COMMON DISCLOSURE TEMPLATE

(Millions of Canadian dollars, except percentages)
Q1/16
Q4/15
Q3/15
Q2/15
Q1/15
n-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures, but including collateral)
2 (Asset amounts deducted in determining Basel III transitional Tier 1 capital)
3 Total on-balance sheet exposure (excluding derivatives and SFTs) (sum of lines 1 and 2 ) Derivatives exposures
4 Replacement cost associated with all derivatives transactions (i.e., net of eligible cash variation margin)
5 Add-on amounts for PFE associated with all derivatives transactions
6 Gross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework
7 (Deductions of receivables assets for cash variation margin provided in derivatives transactions) ${ }^{2}$
8 (Exempted CCP-leg of client-cleared trade exposures)
9 Adjusted effective notional amount of written credit derivatives
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)
11 Total derivative exposures (sum of lines 4 to 10)
Securities financing transaction exposure
12 Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)
14 Counterparty credit risk (CCR) exposure for SFTs
15 Agent transaction exposures
6 Total securities financing transaction exposures (sum of lines 12 to 15)
Other off-balance sheet exposures
17 Off-balance sheet exposures at gross notional amount
18 (Adjustments for conversion to credit equivalent amounts)
19 Off-balance sheet items (sum of lines 17 and 18)
Capital and Total Exposures - Transitional Basis

## 20 Tier 1 capital

21 Total Exposures (sum of lines 3,11,16 and 19)
Leverage ratio - Transitional Basis
22 Basel III leverage ratio
All-in basis (Required by OSFI)
23 Tier 1 capital - All-in basis
24 (Regulatory adjustments)
25 Total Exposures (sum of lines 21 and 24, less the amount reported in line 2) - All-in basis
26 Leverage ratio - All-in basis

| $\begin{gathered} 857,622 \\ (15,252) \end{gathered}$ | $\begin{gathered} 780,299 \\ (11,118) \\ \hline \end{gathered}$ | $\begin{gathered} 786,321 \\ (10,988) \\ \hline \end{gathered}$ | $\begin{aligned} & 748,418 \\ & (10,485) \end{aligned}$ | $\begin{gathered} 758,886 \\ (10,755) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 842,370 | 769,181 | 775,333 | 737,933 | 748,131 |
| 30,118 | 21,858 | 24,914 | 20,479 | 44,920 |
| 56,269 | 57,371 | 56,870 | 51,790 | 51,556 |
| $(19,316)$ | (17,327) | (17,819) | (19) | (25) |
| ${ }^{-}$ | O | $\bigcirc$ | - | - |
| - | - | - | - | - |
| 68,038 | 62,802 | 64,769 | 74,489 | 101,281 |
| 205,339 | 184,743 | 184,520 | 171,837 | 175,594 |
| $(8,897)$ | $(9,846)$ | $(11,633)$ | $(8,199)$ | $(11,626)$ |
| 7,400 | 6,794 | 8,930 | 7,115 | 7,020 |
| 8,873 | 6,842 | 7,333 | 6,088 | 5,165 |
| 212,715 | 188,533 | 189,150 | 176,841 | 176,153 |
| $\begin{gathered} 486,871 \\ (319,939) \end{gathered}$ | $\begin{gathered} 449,675 \\ (298,282) \\ \hline \end{gathered}$ | $\begin{gathered} 445,733 \\ (295,059) \\ \hline \end{gathered}$ | $\begin{gathered} 414,059 \\ (263,910) \\ \hline \end{gathered}$ | $\begin{array}{r} 423,576 \\ (268,689) \\ \hline \end{array}$ |
| 166,932 | 151,393 | 150,674 | 150,149 | 154,887 |
| 53,785 | 52,510 | 50,860 | 47,743 | 46,673 |
| 1,290,055 | 1,171,909 | 1,179,926 | 1,139,412 | 1,180,452 |
| 4.2\% | 4.5\% | 4.3\% | 4.2\% | 4.0\% |
| 51,992 | 50,541 | 49,049 | 45,989 | 44,917 |
| $(16,787)$ | $(12,852)$ | $(12,491)$ | $(12,137)$ | $(12,287)$ |
| 1,288,520 | 1,170,175 | 1,178,423 | 1,137,760 | 1,178,920 |
| 4.0\% | 4.3\% | 4.2\% | 4.0\% | 3.8\% |

Based on OSF's Leverage Requirements Guideines issued October 2014
${ }^{2}$ Effective Q3/15, we commenced excluding from Leverage exposure all qualifying cash variation margin provided by RBC to a counterparty that meets the criteria specified under OSF's Leverage Requirements Guideline. These are recorded as receivables on our Balance Sheet and are not required to be
included in Leverage exposure.

| LOANS AND ACCEPTANCES <br> (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| By portfolio and sector Retail |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 245,628 | 233,975 | 229,088 | 222,485 | 221,558 | 219,257 | 215,523 | 211,255 | 210,246 | 233,975 | 219,257 |
| Personal | 95,273 | 94,346 | 94,819 | 94,281 | 95,994 | 96,021 | 95,843 | 94,801 | 94,336 | 94,346 | 96,021 |
| Credit cards | 15,963 | 15,859 | 15,544 | 15,276 | 14,922 | 14,924 | 14,579 | 14,185 | 14,016 | 15,859 | 14,924 |
| Small business | 3,899 | 4,003 | 4,012 | 4,022 | 4,029 | 4,067 | 4,054 | 4,043 | 4,026 | 4,003 | 4,067 |
|  | 360,763 | 348,183 | 343,463 | 336,064 | 336,503 | 334,269 | 329,999 | 324,284 | 322,624 | 348,183 | 334,269 |
| Wholesale |  |  |  |  |  |  |  |  |  |  |  |
| Business |  |  |  |  |  |  |  |  |  |  |  |
| Agriculture | 6,480 | 6,057 | 5,981 | 5,962 | 5,893 | 5,694 | 5,594 | 5,599 | 5,524 | 6,057 | 5,694 |
| Automotive | 7,208 | 6,614 | 7,061 | 6,784 | 6,612 | 6,209 | 6,402 | 6,768 | 6,456 | 6,614 | 6,209 |
| Consumer goods | 8,576 | 7,146 | 7,020 | 6,884 | 6,933 | 7,172 | 6,827 | 7,337 | 6,393 | 7,146 | 7,172 |
| Energy |  |  |  |  |  |  |  |  |  |  |  |
| Oil and gas | 8,384 | 7,691 | 7,483 | 6,999 | 6,901 | 5,849 | 5,326 | 5,892 | 5,350 | 7,691 | 5,849 |
| Utilities | 6,711 | 5,162 | 5,445 | 4,594 | 5,042 | 3,766 | 3,999 | 4,030 | 3,777 | 5,162 | 3,766 |
| Financing products | 12,011 | 10,093 | 8,485 | 6,080 | 5,008 | 3,670 | 4,004 | 4,086 | 4,136 | 10,093 | 3,670 |
| Forest products | 1,169 | 1,169 | 1,105 | 1,154 | 1,077 | 979 | 997 | 1,114 | 959 | 1,169 | 979 |
| Health services | 7,478 | 6,023 | 5,817 | 6,077 | 4,716 | 4,052 | 4,334 | 4,189 | 4,202 | 6,023 | 4,052 |
| Holding and investments | 7,451 | 6,935 | 7,106 | 6,757 | 7,317 | 6,865 | 6,675 | 6,232 | 5,455 | 6,935 | 6,865 |
| Industrial products | 5,502 | 4,725 | 4,718 | 4,747 | 4,999 | 4,665 | 4,532 | 4,329 | 4,149 | 4,725 | 4,665 |
| Mining and metals | 1,729 | 1,402 | 1,442 | 1,494 | 1,518 | 1,320 | 1,420 | 957 | 1,006 | 1,402 | 1,320 |
| Non-bank financial services | 9,625 | 6,428 | 6,031 | 5,855 | 5,719 | 5,688 | 5,571 | 5,341 | 5,186 | 6,428 | 5,688 |
| Other services | 11,012 | 8,834 | 9,184 | 9,048 | 8,770 | 8,322 | 8,195 | 8,245 | 8,210 | 8,834 | 8,322 |
| Real estate and related ${ }^{1}$ | 40,048 | 33,802 | 33,149 | 32,022 | 32,506 | 30,387 | 29,283 | 27,273 | 25,840 | 33,802 | 30,387 |
| Technology and media | 9,294 | 6,599 | 6,533 | 5,834 | 5,351 | 4,822 | 4,960 | 4,813 | 4,693 | 6,599 | 4,822 |
| Transportation and environment | 6,614 | 5,907 | 6,043 | 5,908 | 5,661 | 5,432 | 5,781 | 5,662 | 5,593 | 5,907 | 5,432 |
| Other | 7,835 | 3,248 | 4,691 | 4,446 | 4,583 | 3,695 | 2,786 | 2,361 | 2,795 | 3,248 | 3,695 |
| Sovereign | 11,235 | 9,887 | 5,282 | 5,033 | 5,170 | 4,628 | 4,450 | 4,294 | 4,641 | 9,887 | 4,628 |
| Bank | 2,112 | 1,800 | 1,399 | 1,242 | 1,770 | 1,201 | 1,655 | 1,424 | 1,121 | 1,800 | 1,201 |
|  | 170,474 | 139,522 | 133,975 | 126,920 | 125,546 | 114,416 | 112,791 | 109,946 | 105,486 | 139,522 | 114,416 |
| Total loans and acceptances Allowance for loan losses | $\begin{array}{r} 531,237 \\ (2,169) \end{array}$ | $\begin{array}{r} 487,705 \\ (2,029) \end{array}$ | $\begin{gathered} 477,438 \\ (2,078) \end{gathered}$ | $\begin{gathered} 462,984 \\ (2,037) \end{gathered}$ | $\begin{array}{r} 462,049 \\ (2,057) \end{array}$ | $\begin{array}{r} 448,685 \\ (1,994) \end{array}$ | $\begin{array}{r} 442,790 \\ (1,926) \end{array}$ | $\begin{gathered} 434,230 \\ (1,883) \end{gathered}$ | $\begin{array}{r} 428,110 \\ (1,979) \end{array}$ | $\begin{array}{r} 487,705 \\ (2,029) \end{array}$ | $\begin{array}{r} 448,685 \\ (1,994) \end{array}$ |
| Atal loans and acceptances, net of allowance for loan losses | 529,068 | 485,676 | 475,360 | 460,947 | 459,992 | 446,691 | 440,864 | 432,347 | 426,131 | 485,676 | 446,691 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Loans and acceptances by geography ${ }^{2}$ and portfolio |  |  |  |  |  |  |  |  |  |  |  |
| Canada |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 233,125 | 229,987 | 225,128 | 218,917 | 217,743 | 215,624 | 212,061 | 207,936 | 206,918 | 229,987 | 215,624 |
| Personal | 82,898 | 84,637 | 85,183 | 85,210 | 85,796 | 86,984 | 87,227 | 86,462 | 86,242 | 84,637 | 86,984 |
| Credit cards | 15,431 | 15,516 | 15,226 | 14,962 | 14,580 | 14,650 | 14,327 | 13,920 | 13,744 | 15,516 | 14,650 |
| Small business | 3,899 | 4,003 | 4,012 | 4,022 | 4,029 | 4,067 | 4,054 | 4,043 | 4,026 | 4,003 | 4,067 |
| Retail | 335,353 | 334,143 | 329,549 | 323,111 | 322,148 | 321,325 | 317,669 | 312,361 | 310,930 | 334,143 | 321,325 |
| Business | 72,218 | 71,246 | 70,461 | 69,551 | 67,146 | 64,643 | 63,215 | 62,619 | 59,994 | 71,246 | 64,643 |
| Sovereign | 8,055 | 8,508 | 3,869 | 3,986 | 3,899 | 3,840 | 3,705 | 3,639 | 3,940 | 8,508 | 3,840 |
| Bank | 695 | 530 | 547 | 444 | 498 | 413 | 440 | 498 | 657 | 530 | 413 |
| Wholesale | 80,968 | 80,284 | 74,877 | 73,981 | 71,543 | 68,896 | 67,360 | 66,756 | 64,591 | 80,284 | 68,896 |
| United States |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 16,462 | 5,484 | 5,286 | 4,953 | 5,388 | 4,686 | 4,401 | 4,337 | 4,131 | 5,484 | 4,686 |
| Wholesale | 62,950 | 34,702 | 33,839 | 29,367 | 28,942 | 23,639 | 22,959 | 23,089 | 22,469 | 34,702 | 23,639 |
|  | 79,412 | 40,186 | 39,125 | 34,320 | 34,330 | 28,325 | 27,360 | 27,426 | 26,600 | 40,186 | 28,325 |
| Other International |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 8,948 | 8,556 | 8,628 | 8,000 | 8,967 | 8,258 | 7,929 | 7,586 | 7,563 | 8,556 | 8,258 |
| Wholesale | 26,556 | 24,536 | 25,259 | 23,572 | 25,061 | 21,881 | 22,472 | 20,101 | 18,426 | 24,536 | 21,881 |
|  | 35,504 | 33,092 | 33,887 | 31,572 | 34,028 | 30,139 | 30,401 | 27,687 | 25,989 | 33,092 | 30,139 |
| Total |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 360,763 | 348,183 | 343,463 | 336,064 | 336,503 | 334,269 | 329,999 | 324,284 | 322,624 | 348,183 | 334,269 |
| Wholesale | 170,474 | 139,522 | 133,975 | 126,920 | 125,546 | 114,416 | 112,791 | 109,946 | 105,486 | 139,522 | 114,416 |
| Total loans and acceptances | 531,237 | 487,705 | 477,438 | 462,984 | 462,049 | 448,685 | 442,790 | 434,230 | 428,110 | 487,705 | 448,685 |

[^3]| 531,237 | 487,705 | 4777,438 | 462,984 | 462,049 | 448,416 | 412 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| GROSS IMPAIRED LOANS <br> (Millions of Canadian dollars) <br> Gross impaired loans by portfolio and sector <br> Retail <br> Residential mortgages <br> Personal <br> Small business <br> Wholesale <br> Business <br> Agriculture <br> Automotive <br> Consumer goods <br> Energy <br> Oil and gas <br> Utilities <br> Financing products <br> Forest products <br> Health services <br> Holding and investments <br> Industrial products <br> Mining and metals <br> Non-bank financial services <br> Other services <br> Real estate and related ${ }^{1}$ <br> Technology and media <br> Transportation and environment <br> Other <br> Sovereign <br> Bank <br> Acquired credit-impaired loans <br> Total gross impaired loans <br> Individually assessed <br> Collectively assessed <br> Total gross impaired loans |
| :--- |



| 660 | 646 | 686 | 686 | 702 | 678 | 678 | 716 | 734 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 313 | 299 | 304 | 312 | 313 | 300 | 310 | 333 | 407 |
| 42 | 45 | 42 | 47 | 44 | 47 | 48 | 47 | 45 |
| 1,015 | 990 | 1,032 | 1,045 | 1,059 | 1,025 | 1,036 | 1,096 | 1,186 |
| 45 | 41 | 55 | 49 | 45 | 40 | 34 | 34 | 31 |
| 10 | 11 | 11 | 10 | 10 | 12 | 11 | 8 | 10 |
| 96 | 130 | 131 | 125 | 100 | 108 | 108 | 99 | 90 |
| 310 | 156 | 183 | 46 | 5 | 6 | 5 | 7 | 1 |
| 91 | 57 | 57 | 33 | 24 |  |  |  |  |
| 112 | 109 | 105 | 72 | 76 |  |  |  | 40 |
| 30 | 28 | 26 | 24 | 27 | 25 | 24 | 24 | 26 |
| 18 | 17 | 21 | 18 | 16 | 18 | 15 | 15 | 15 |
| 185 | 185 | 157 | 145 | 160 | 132 | 136 | 21 | 28 |
| 36 | 45 | 51 | 55 | 49 | 48 | 54 | 42 | 49 |
| 16 | 17 | 13 | 10 | 9 | 9 | 10 | 9 | 2 |
| 2 | 1 | 3 | 2 | 2 | 3 | 7 | 4 | 5 |
| 71 | 69 | 72 | 71 | 81 | 99 | 98 | 116 | 106 |
| 294 | 297 | 312 | 300 | 328 | 314 | 319 | 325 | 313 |
| 33 | 34 | 41 | 41 | 38 | 38 | 40 | 53 | 97 |
| 55 | 53 | 52 | 49 | 44 | 32 | 35 | 42 | 37 |
| 63 | 43 | 55 | 48 | 58 | 66 | 65 | 77 | 72 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 1,469 | 1,295 | 1,347 | 1,100 | 1,074 | 952 | 963 | 879 | 925 |
| 636 | - | - | - | - | - | - | - | - |
| 3,120 | 2,285 | 2,379 | 2,145 | 2,133 | 1,977 | 1,999 | 1,975 | 2,111 |
| 1,822 | 993 | 1,008 | 768 | 746 | 633 | 635 | 572 | 721 |
| 1,298 | 1,292 | 1,371 | 1,377 | 1,387 | 1,344 | 1,364 | 1,403 | 1,390 |
| 3,120 | 2,285 | 2,379 | 2,145 | 2,133 | 1,977 | 1,999 | 1,975 | 2,111 |


|  |  |
| ---: | ---: |
|  |  |
| 646 | 678 |
| 299 | 300 |
| 45 | 47 |
| 990 | 1,025 |
|  |  |
| 41 | 40 |
| 11 | 12 |
| 130 | 108 |
|  |  |
| 166 | 6 |
| 57 | - |
| 109 | - |
| 28 | 25 |
| 17 | 18 |
| 185 | 132 |
| 45 | 48 |
| 17 | 9 |
| 1 | 3 |
| 69 | 99 |
| 297 | 314 |
| 34 | 38 |
| 53 | 32 |
| 43 | 66 |
| - | - |
| 2 | 2 |
| 1,295 | 952 |
|  | - |
| 2,285 | 1,977 |
|  |  |
| 993 | 633 |
| 1,292 | 1,344 |
| 2285 | 1977 |

Gross impaired loans by geography ${ }^{2}$ and portfolio
Canada
$\quad$ Residential mortgages
Personal
Small business
Retail
$\quad$ Business
Sovereign
Bank
Wholesale
Total - Canada

United States ${ }^{3}$
Retail
Wholesale
Other International ${ }^{3}$
Retail
Wholesale
Total
Retail
Wholesale
Total gross impaired loans
ss impaired loan

| 350 | 356 | 375 | 397 | 382 | 388 | 408 | 456 | 477 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 232 | 223 | 223 | 231 | 226 | 224 | 240 | 266 | 272 |
| 42 | 45 | 42 | 47 | 44 | 47 | 48 | 47 | 45 |
| 624 | 624 | 640 | 675 | 652 | 659 | 696 | 769 | 794 |
| 604 | 512 | 589 | 490 | 471 | 487 | 480 | 487 | 446 |
| - | - | - | - | - | - | - | - | - |
| 604 | 512 | 589 | 490 | 471 | 487 | 480 | 487 | 446 |
| 1,228 | 1,136 | 1,229 | 1,165 | 1,123 | 1,146 | 1,176 | 1,256 | 1,240 |
| 22 | 10 | 10 | 10 | 12 | 13 | 13 | 15 | 15 |
| 876 | 204 | 199 | 99 | 36 | 18 | 18 | 15 | 86 |
| 898 | 214 | 209 | 109 | 48 | 31 | 31 | 30 | 101 |
| 392 | 356 | 382 | 360 | 395 | 353 | 327 | 312 | 377 |
| 602 | 579 | 559 | 511 | 567 | 447 | 465 | 377 | 393 |
| 994 | 935 | 941 | 871 | 962 | 800 | 792 | 689 | 770 |
| 1,038 | 990 | 1,032 | 1,045 | 1,059 | 1,025 | 1,036 | 1,096 | 1,186 |
| 2,082 | 1,295 | 1,347 | 1,100 | 1,074 | 952 | 963 | 879 | 925 |
| 3,120 | 2,285 | 2,379 | 2,145 | 2,133 | 1,977 | 1,999 | 1,975 | 2,111 |


|  |  |
| ---: | ---: |
| 356 | 388 |
| 223 | 224 |
| 45 | 47 |
| 624 | 659 |
| 512 | 487 |
| - | - |
| - | - |
| 512 | 487 |
| 1,136 | 1,146 |
|  |  |
| 10 | 13 |
| 204 | 18 |
| 214 | 31 |
|  |  |
| 356 | 353 |
| 5939 | 447 |
| 935 | 800 |
| 990 | 1,025 |
| 1,295 | 952 |
| 2,285 | 1,977 |

${ }^{1}$ Wholesale - Real estate and related gross impaired loans in Q1/16 is comprised of amounts based in Canada of $\$ 147$ million, United States of \$nil and Other International of $\$ 147$ million.
${ }^{2}$ Geographic information is based on residence of borrower.
${ }^{3}$ Includes acquired credit-impaired loans related to the acquisition of City National.

Canada
Residential mortgages
Personal
Credit cards
Small busines
Retail
Busines
Sovereign
Bank
United States ${ }^{2}$
Retail
Wholesale
Other International ${ }^{2}$
Retai
Wholesale
Total
Whos
Wholesale

| 5 | 8 | 6 | 2 | 5 | 8 | 4 | 6 | 5 | 21 | 23 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 103 | 98 | 94 | 99 | 88 | 96 | 101 | 91 | 97 | 379 | 385 |
| 104 | 91 | 94 | 93 | 92 | 85 | 87 | 90 | 83 | 370 | 345 |
| 7 | 6 | 8 | 8 | 8 | 12 | 8 | 10 | 8 | 30 | 38 |
| 219 | 203 | 202 | 202 | 193 | 201 | 200 | 197 | 193 | 800 | 791 |
| 21 | 69 | 28 | 12 | 31 | 24 | 16 | 28 | 46 | 140 | 114 |
| - | - | - | - | - | - | - | - | - | - | - |
| 21 | 69 | 28 | 12 | 31 | 24 | 16 | 28 | 46 | 140 | 114 |
| - | 1 | - | 1 | - | 1 | 1 | 1 | - | 2 | 3 |
| 39 | 5 | (1) | 9 | (2) | 34 | (1) | 12 | (2) | 11 | 43 |
| 39 | 6 | (1) | 10 | (2) | 35 |  | 13 | (2) | 13 | 46 |
| 6 | 9 | 11 | 15 | 17 | 4 | 9 | 66 | 4 | 52 | 83 |
| (1) | 18 | 15 | 14 | 11 | 5 | 1 | 8 | 18 | 58 | 32 |
| 5 | 27 | 26 | 29 | 28 | 9 | 10 | 74 | 22 | 110 | 115 |
| 225 | 213 | 213 | 218 | 210 | 206 | 210 | 264 | 197 | 854 | 877 |
| 59 | 92 | 42 | 35 | 40 | 63 | 16 | 48 | 62 | 209 | 189 |
| 284 | 305 | 255 | 253 | 250 | 269 | 226 | 312 | 259 | 1,063 | 1,066 |

${ }^{1}$ Geographic information is based on residence of borrowers.
${ }^{2}$ Includes acquired credit-impaired loans related to the acquisition of City National


[^4]| ALLOWANCE FOR CREDIT LOSSES <br> (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Allowance for credit losses on impaired loans by portfolio and sector Retail |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 180 | 159 | 168 | 152 | 165 | 162 | 106 | 109 | 109 | 159 | 162 |
| Personal | 150 | 134 | 140 | 144 | 150 | 135 | 137 | 138 | 213 | 134 | 135 |
| Small business | 19 | 19 | 18 | 21 | 20 | 19 | 21 | 21 | 22 | 19 | 19 |
|  | 349 | 312 | 326 | 317 | 335 | 316 | 264 | 268 | 344 | 312 | 316 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Business |  |  |  |  |  |  |  |  |  |  |  |
| Agriculture | 5 | 6 | 7 | 8 | 8 | 7 | 6 | 5 | 6 | 6 | 7 |
| Automotive | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 |
| Consumer goods | 27 | 26 | 26 | 25 | 25 | 28 | 24 | 23 | 24 | 26 | 28 |
| Energy |  |  |  |  |  |  |  |  |  |  |  |
| Oil and gas | 94 | 25 | 28 | 13 | - | - | - | - | - | 25 | - |
| Utilities | 28 | 10 | 10 | 8 | 8 | - | - | - | - | 10 | - |
| Financing products | 45 | 42 | 42 | 38 | 4 | - | - |  | 5 | 42 |  |
| Forest products | 16 | 16 | 10 | 12 | 13 | 12 | 12 | 14 | 9 | 16 | 12 |
| Health services | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Holding and investments | 45 | 43 | 46 | 44 | 48 | 36 | 35 | 4 | 5 | 43 | 36 |
| Industrial products | 12 | 14 | 16 | 19 | 22 | 21 | 24 | 16 | 17 | 14 | 21 |
| Mining and metals | 5 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 5 | 1 |
| Non-bank financial services | - | - | - | 7 | 16 | 11 | 11 | 12 | 11 | - | 11 |
| Other services | 24 | 25 | 28 | 27 | 35 | 40 | 37 | 27 | 28 | 25 | 40 |
| Real estate and related ${ }^{1}$ | 68 | 66 | 89 | 83 | 98 | 92 | 86 | 84 | 84 | 66 | 92 |
| Technology and media | 11 | 12 | 15 | 19 | 17 | 17 | 17 | 18 | 27 | 12 | 17 |
| Transportation and environment | 17 | 17 | 17 | 14 | 14 | 12 | 12 | 13 | 14 | 17 | 12 |
| Other | 25 | 22 | 28 | 21 | 23 | 27 | 25 | 27 | 30 | 22 | 27 |
| Sovereign | - | - | - | - | - |  | - |  |  |  | - |
| Bank | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  | 435 | 342 | 376 | 351 | 344 | 316 | 303 | 256 | 275 | 342 | 316 |
| Acquired credit-impaired loansTotal | 2 | - | - | - | - | - | - | - |  | - | - |
|  | 786 | 654 | 702 | 668 | 679 | 632 | 567 | 524 | 619 | 654 | 632 |
| Allowance for loans not yet identified as impaired |  |  |  |  |  |  |  |  |  |  |  |
| Retail |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 86 | 83 | 84 | 81 | 83 | 78 | 76 | 58 | 57 | 83 | 78 |
| Personal | 398 | 396 | 400 | 398 | 403 | 400 | 396 | 396 | 398 | 396 | 400 |
| Credit cards | 386 | 386 | 385 | 386 | 386 | 385 | 385 | 386 | 384 | 386 | 385 |
| Small business | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
|  | 915 | 910 | 914 | 910 | 917 | 908 | 902 | 885 | 884 | 910 | 908 |
| Wholesale | 468 | 465 | 462 | 459 | 461 | 454 | 457 | 474 | 476 | 465 | 454 |
| Off-balance sheet and other items | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Total | 1,474 | 1,466 | 1,467 | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,466 | 1,453 |
| Total allowance for credit losses | 2,260 | 2,120 | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,120 | 2,085 |
| Individually assessed - Impaired | 340 | 252 | 270 | 245 | 241 | 214 | 189 | 147 | 221 | 252 | 214 |
| Collectively assessed - Impaired | 446 | 402 | 432 | 423 | 438 | 418 | 378 | 377 | 398 | 402 | 418 |
| Collectively assessed - Not yet identified as impaired | 1,474 | 1,466 | 1,467 | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,466 | 1,453 |
| Total allowance for credit losses | 2,260 | 2,120 | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,120 | 2,085 |

${ }^{1}$ Wholesale - Real estate and related allowance for credit losses in Q1/16 is comprised of allowances based in Canada of $\$ 30$ million, United States of \$nil and Other International of $\$ 38$ million.
$\begin{aligned} & \text { ALLOWANCE FOR CREDIT LOSSES continued } \\ & \text { (Millions of Canadian dollars) }\end{aligned}$
Allowance for credit losses on impaired loans by geography ${ }^{1}$ and portfolio
Canada
Residential mortgages
Personal
Personal
Small business
Retail
Business
Sovereig
Bank
Canada - Total
United States ${ }^{2}$
Retail
Wholesale
United States - Total
Other International ${ }^{2}$
Retail
Wholesale
Other International - Total
Total allowance for impaired loans
Total allowance for loans not yet identified as impaired
Total allowance for credit losses
Allowance for credit losses by type
Allowance for loan losses
Allowance for off-balance sheet items
Impairment allowance - movements (Allowance for credit losses continuity)
Allowance for impaired loans ${ }^{2}$
Balance at beginning of period
Amounts written off
Recoveries of amounts written off in previous period
Charge to income statement (Provision for credit losses) ${ }^{3}$
Disposal of loans
Exchange and other movements
Balance at the end of the period
Allowance for loans not yet identified as impaired
Balance at beginning of period
Amounts written off
mounts written off in previous period
Charge to income statement (Provision for credit losses) ${ }^{3}$
Disposal of loans
Exchange and other movements ${ }^{4}$
Balance at end of the period
Impairment allowance (Allowance for credit losses)
s)
$\qquad$

| 2.260 | 2,120 | 2.169 | 2.128 | 2.148 | 2.085 |
| :--- | :--- | :--- | :--- | :--- | :--- |

2,017
1.974
2.070


[^5]| CREDIT QUALITY RATIOS | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Diversification ratios |  |  |  |  |  |  |  |  |  |  |  |
| Portfolio as a \% of Total loans and acceptances |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 68\% | 71\% | 72\% | 73\% | 73\% | 75\% | 75\% | 75\% | 75\% | 71\% | 75\% |
| Wholesale | 32\% | 29\% | 28\% | 27\% | 27\% | 25\% | 25\% | 25\% | 25\% | 29\% | 25\% |
| Canada | 78\% | 85\% | 85\% | 86\% | 85\% | 87\% | 87\% | 88\% | 88\% | 85\% | 87\% |
| United States | 15\% | 8\% | 8\% | 7\% | 8\% | 6\% | 6\% | 6\% | 6\% | 8\% | 6\% |
| Other International | 7\% | 7\% | 7\% | 7\% | 7\% | 7\% | 7\% | 6\% | 6\% | 7\% | 7\% |
| Condition ratios |  |  |  |  |  |  |  |  |  |  |  |
| Gross Impaired Loans (GILs) as a \% of Related loans and acceptances | 0.59\% | 0.47\% | 0.50\% | 0.46\% | 0.46\% | 0.44\% | 0.45\% | 0.45\% | 0.49\% | 0.47\% | 0.44\% |
| Retail | 0.29\% | 0.28\% | 0.30\% | 0.31\% | 0.31\% | 0.31\% | 0.31\% | 0.34\% | 0.37\% | 0.28\% | 0.31\% |
| Wholesale | 1.22\% | 0.93\% | 1.01\% | 0.87\% | 0.86\% | 0.84\% | 0.85\% | 0.80\% | 0.88\% | 0.93\% | 0.84\% |
| Canada | 0.29\% | 0.27\% | 0.30\% | 0.29\% | 0.29\% | 0.29\% | 0.31\% | 0.33\% | 0.33\% | 0.27\% | 0.29\% |
| United States | 1.13\% | 0.53\% | 0.53\% | 0.32\% | 0.14\% | 0.11\% | 0.11\% | 0.11\% | 0.38\% | 0.53\% | 0.11\% |
| Other International | 2.80\% | 2.83\% | 2.78\% | 2.76\% | 2.83\% | 2.66\% | 2.61\% | 2.49\% | 2.96\% | 2.83\% | 2.66\% |
| Net Impaired Loans as a \% of Loans and acceptances | 0.44\% | 0.33\% | 0.35\% | 0.32\% | 0.31\% | 0.30\% | 0.32\% | 0.33\% | 0.35\% | 0.33\% | 0.30\% |
| Retail | 0.19\% | 0.19\% | 0.21\% | 0.22\% | 0.22\% | 0.21\% | 0.23\% | 0.26\% | 0.26\% | 0.19\% | 0.21\% |
| Wholesale | 0.96\% | 0.68\% | 0.72\% | 0.59\% | 0.58\% | 0.56\% | 0.58\% | 0.57\% | 0.62\% | 0.68\% | 0.56\% |
| Canada | 0.21\% | 0.21\% | 0.23\% | 0.22\% | 0.21\% | 0.22\% | 0.23\% | 0.25\% | 0.24\% | 0.21\% | 0.22\% |
| United States | 1.07\% | 0.41\% | 0.44\% | 0.23\% | 0.05\% | 0.05\% | 0.05\% | 0.06\% | 0.28\% | 0.41\% | 0.05\% |
| Other International | 1.73\% | 1.76\% | 1.67\% | 1.64\% | 1.79\% | 1.62\% | 1.80\% | 1.75\% | 1.95\% | 1.76\% | 1.62\% |
| PCL as a \% of Average net loans and acceptances | 0.31\% | 0.23\% | 0.23\% | 0.25\% | 0.24\% | 0.31\% | 0.26\% | 0.23\% | 0.27\% | 0.24\% | 0.27\% |
| PCL on impaired loans as a \% of Average net loans and acceptances | 0.31\% | 0.23\% | 0.23\% | 0.25\% | 0.24\% | 0.31\% | 0.26\% | 0.23\% | 0.27\% | 0.24\% | 0.27\% |
| Retail | 0.29\% | 0.24\% | 0.25\% | 0.26\% | 0.25\% | 0.31\% | 0.27\% | 0.26\% | 0.31\% | 0.25\% | 0.29\% |
| Wholesale | 0.37\% | 0.20\% | 0.18\% | 0.22\% | 0.20\% | 0.29\% | 0.24\% | 0.16\% | 0.16\% | 0.20\% | 0.21\% |
| Canada | 0.33\% | 0.24\% | 0.24\% | 0.22\% | 0.24\% | 0.24\% | 0.24\% | 0.23\% | 0.27\% | 0.24\% | 0.25\% |
| United States | 0.24\% | 0.19\% | 0.05\% | 0.12\% | 0.09\% | 0.49\% | 0.07\% | 0.02\% | 0.02\% | 0.12\% | 0.16\% |
| Other International | 0.18\% | 0.13\% | 0.25\% | 0.71\% | 0.37\% | 1.00\% | 0.73\% | 0.42\% | 0.55\% | 0.36\% | 0.69\% |
| Coverage ratios |  |  |  |  |  |  |  |  |  |  |  |
| ACL as a \% of Total loans and acceptances | 0.43\% | 0.43\% | 0.45\% | 0.46\% | 0.46\% | 0.46\% | 0.46\% | 0.45\% | 0.48\% | 0.43\% | 0.46\% |
| ACL against impaired loans as a \% of Total loans and acceptances | 0.15\% | 0.13\% | 0.15\% | 0.14\% | 0.15\% | 0.14\% | 0.13\% | 0.12\% | 0.14\% | 0.13\% | 0.14\% |
| Retail | 0.07\% | 0.06\% | 0.07\% | 0.07\% | 0.07\% | 0.07\% | 0.06\% | 0.06\% | 0.08\% | 0.06\% | 0.07\% |
| Wholesale | 0.08\% | 0.07\% | 0.08\% | 0.08\% | 0.07\% | 0.07\% | 0.07\% | 0.06\% | 0.06\% | 0.07\% | 0.07\% |
| ACL against impaired loans as a \% of GIL | 25.20\% | 28.64\% | 29.52\% | 31.14\% | 31.84\% | 31.98\% | 28.38\% | 26.50\% | 29.30\% | 28.64\% | 31.98\% |
| Retail | 33.63\% | 31.54\% | 31.60\% | 30.35\% | 31.65\% | 30.87\% | 25.49\% | 24.44\% | 28.96\% | 31.54\% | 30.87\% |
| Wholesale | 21.00\% | 26.42\% | 27.92\% | 31.89\% | 32.03\% | 33.18\% | 31.48\% | 29.11\% | 29.73\% | 26.42\% | 33.18\% |
| Total net write-offs as a \% of Average net loans and acceptances | 0.22\% | 0.25\% | 0.22\% | 0.23\% | 0.22\% | 0.24\% | 0.21\% | 0.30\% | 0.24\% | 0.23\% | 0.25\% |
| Retail | 0.25\% | 0.24\% | 0.25\% | 0.27\% | 0.25\% | 0.25\% | 0.26\% | 0.34\% | 0.24\% | 0.25\% | 0.27\% |
| Wholesale | 0.14\% | 0.27\% | 0.13\% | 0.12\% | 0.13\% | 0.22\% | 0.06\% | 0.18\% | 0.24\% | 0.16\% | 0.17\% |
| Canada | 0.22\% | 0.26\% | 0.23\% | 0.22\% | 0.23\% | 0.23\% | 0.23\% | 0.25\% | 0.25\% | 0.24\% | 0.24\% |
| United States | 0.24\% | 0.06\% | (0.01)\% | 0.11\% | (0.02)\% | 0.49\% | 0.00\% | 0.19\% | (0.02)\% | 0.04\% | 0.17\% |
| Other International | 0.06\% | 0.33\% | 0.32\% | 0.37\% | 0.35\% | 0.12\% | 0.14\% | 1.15\% | 0.35\% | 0.34\% | 0.42\% |
| Credit quality ratios excluding City National ${ }^{1,2}$ Condition ratios |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Gross Impaired loans (GIL) as a \% of Related loans and acceptances | 0.49\% |  | - | - | - | - |  | - | - |  |  |
| Retail | 0.29\% |  |  |  |  |  |  |  |  |  |  |
| Wholesale | 0.98\% | - | - | - | - | - | - | - | - | - |  |
| United States | 0.54\% | - | - | - | - | - | - | - | - | - |  |
| PCL as a \% of Average net loans and acceptances | 0.33\% |  | - | - | - | - | - | - | - | - |  |
| PCL on impaired loans as a \% of Average net loans and acceptances | 0.33\% |  |  |  |  |  |  |  |  |  |  |
| Retail | 0.29\% |  |  |  |  |  |  |  |  |  |  |
| Wholesale | 0.41\% | - | - | - | - | - | - | - | - | - | - |
| United States | 0.42\% | - | - | - | - | - | - | - |  | - |  |
| Coverage ratio <br> ACL as a \% of Total loans and acceptances | 0.45\% | - | - | - | - | - | - | - | - | - |  |
| ACL against imparied loans as a \% of GIL | 0.45\% |  |  |  |  |  |  |  |  |  |  |
| Retail | 0.07\% |  | - | - | - | - | - | - | - | - |  |
| Wholesale | 0.09\% | - | - | - | - | - | - | - |  | - |  |

${ }^{1}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50 .
The City National acquisition closed on November 2, 2015.

tal exposure

or defivative relate and reverse repurchase agreements and securites lending and borrowing transactions.


| RECONCILIATION OF GROSS CREDIT RISK EXPOSURE TO BALANCE SHEET <br> (Millions of Canadian dollars) | Q1/16 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lending-related and other |  |  | Trading-related |  | Amount included in credit risk | Amount not included in credit risk | Total assets per balance sheet |
|  | Loans and acceptances |  |  | Repo-style transactions | Derivatives |  |  |  |
|  | Outstanding | Undrawn commitments | Other |  |  |  |  |  |
| On-balance sheet assets |  |  |  |  |  |  |  |  |
| Cash and due from banks | - | - | 15,555 | - | - | 15,555 | 1,495 | 17,050 |
| Interest-bearing deposits with banks | - | - | 24,636 | - | - | 24,636 | - | 24,636 |
| Securities |  |  |  |  |  |  |  |  |
| Trading | - | - | - | - | - | - | 161,442 | 161,442 |
| Available-for-sale | - | - | 72,269 | - | - | 72,269 | - | 72,269 |
| Assets purchased under reverse repurchase agreements and securities borrowed | - | - | - | 196,295 | - | 196,295 | - | 196,295 |
| Loans |  |  |  |  |  |  |  |  |
| Retail | 360,763 | - | - | - | - | 360,763 | - | 360,763 |
| Wholesale | 157,592 | - | - | - | - | 157,592 | - | 157,592 |
| Allowance for loan losses |  | - | - | - | - |  | $(2,169)$ | $(2,169)$ |
| Customers' liability under acceptances | 12,882 | - | - | - | - | 12,882 | - | 12,882 |
| Derivatives | - | - | - | - | 132,560 | 132,560 | - | 132,560 |
| Other ${ }^{1}$ | - | - | 3,370 | - | - | 3,370 | 63,662 | 67,032 |
| Total balance sheet assets | 531,237 | - | 115,830 | 196,295 | 132,560 | 975,922 | 224,430 | 1,200,352 |
| Undrawn commitments | - | 238,463 | - | - | - | 238,463 |  |  |
| Repo-style transactions ${ }^{2}$ | - | - | - | 168,841 | - | 168,841 |  |  |
| Netting and other valuation adjustments ${ }^{3}$ | - | - | - | 17,794 | $(33,457)$ | $(15,663)$ |  |  |
| Other ${ }^{4}$ | - | - | 102,251 | - |  | 102,251 |  |  |
| Total credit risk exposure | 531,237 | 238,463 | 218,081 | 382,930 | 99,103 | 1,469,814 |  |  |

[^6]| EXPOSURE COVERED BY CREDIT RISK MITIGATION (Millions of Canadian dollars) | 91/16 |  |  |  | Q4/15 |  |  |  |  | ${ }^{\text {a }}$ |  |  | Q2/15 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Standardized |  | $1 \mathrm{IBB}^{2}$ |  | Standardized |  | $1 \mathrm{IRB}^{2}$ |  | Standardized |  | $1 \mathrm{IBB}^{2}$ |  | Standardized |  | $\mathrm{IRB}^{2}$ |  |
|  | Eligible fingancial | Guarantees/ credit | Guarantees/ credit |  | Eligible fingncial | Guarantees/ credit | Guarantees/ credit |  | Eligible financia | $\begin{aligned} & \text { Guarantees/ } \\ & \text { credit } \end{aligned}$ | Guarantees/ credit |  | Eligible fingncial | Guarantees/ credit | Guarantees/ credit |  |
|  | collateral ${ }^{1}$ | derivatives | derivatives | Total | collateral ${ }^{1}$ | derivatives | derivatives | Total | collateral ${ }^{1}$ | derivatives | derivatives | Total | collateral ${ }^{1}$ | derivalives | derivatives | Total |
| Retail |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages |  | 14,979 | 82,020 | 96,999 |  | 12,836 | 73,857 | ${ }^{86,693}$ |  | 9,820 | 74,711 | 84,531 |  | 9,804 | 73,618 | 83,422 |
| Residenlaal morgagesPersonalSmall usiness |  | 4,416 | 1,105 | 5,521 |  | 6,447 | ${ }^{965}$ | 7,412 |  | 8,719 | 925 | 9,644 |  | 8,046 | ${ }^{952}$ | 8,998 |
|  |  |  | 83,400 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wholesale |  | 19,395 | 83,400 | 102,795 |  | 19,283 | 75,098 | 94,381 |  | 18,539 | 75,911 | 94,450 |  | 17,850 | 74,842 | 92,692 |
| Business Sovereign | 8,510 |  | 2,809 | 11,319 | 8,723 |  | 2,716 | 11,439 | 10,083 |  | 2,745 | 12,828 | 7,774 |  | 2,852 | 10,626 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bank | 8,510 |  | 2,80 | 11,319 | 8,723 |  | 2,716 | 11,439 | 10,083 |  | 2,745 | 12,828 | 7,774 |  | 2,852 | 10,626 |
| Total exposure covered by credit risk mitigation | 8.510 | 19,395 | 86,209 | 114,114 | 8,723 | 19,283 | 77,814 | 105,820 | 10,083 | 18,539 | 78,656 | 107,278 | 7,774 | 17,850 | 77,694 | 103,318 |
| CREDIT EXPOSURE BY RESIDUAL CONTRACTUAL MATURITY (Millions of Canadian dollars) | hesidual contractual maturity term |  |  |  | Residual contractual maturity term |  |  |  |  | esidual contract | maturity term | 03/15 | 22/15 |  |  |  |
|  | Within 1 | 1 to 5 | Over | Total | Within 1 | 1 to 5 | Over | Total | Within 1 | $1 \text { to } 5$ | Over | Total | Within 1 | 1 to 5 | Over | Total |
| Lending-related and other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Undrawn commitments | 156,335 | 78,494 | 3,634 | 238,463 | 149,139 | 71,394 | 3,071 | 223,604 | 152,729 | 70,370 | 1,608 | 224,707 | 147,442 | 61,041 | 1,799 | 210,282 |
| Other ${ }^{3}$ | 154,155 | 54,207 | 9,719 | 218,081 | 142,741 | 38,166 | 9,134 | 190,041 | 141,493 | 39,271 | 8.613 | 189,377 | 121,633 | 35,514 | 6.492 | 163,639 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repo-style transactions ${ }^{4}$ | 365,648 | 17,282 |  | 382,930 | 324,231 | 15,900 |  | 340,131 | 323,459 | 18,395 |  | 341,854 | 302,060 | 17.589 | - | 319,649 |
| Defivatives ${ }^{5}$ |  |  |  |  |  |  |  |  | 29,121 |  | 33,991 | 92,174 | 25,740 | 25,349 | 31,385 |  |
|  | 398,477 | ${ }^{47,553}$ | 36,003 | 482,033 | 351,499 | 45,504 | ${ }^{33,910}$ | 430,913 | 352,580 | 47,457 | 33,991 | 434,028 | 327,800 | 42,938 | 31,385 | 402,123 |
| Total exposure ${ }^{6}$ | 925.309 | 458,105 | 86.400 | 1.469.814 | 857,059 | 402,150 | 73,054 | 1,332,263 | 857,959 | 397,729 | 69,862 | 1,325.550 | 796,936 | 374,058 | 68.034 | 1,239,028 |

${ }^{1}$ Eligible financial collateral includes cash and deposits, as well as qualifing debt securties, equities and mutual funds

${ }_{3}^{2}$ Under the 1 RB Approach, disclosure on eligigle financial collateral is not required as the benefit the collateral provides has been taken into account in the L
${ }_{5}^{4}$ Includes repurchase and reverse repurchase agreements and securtities lending and borrowing transactions.
${ }^{5}$ Credit equivalent amount ater factoring in master netting agreements.
Represents exposure at default. which is tha expected gross exposusure upon the default of an obligor. This amount is before allowance for loan losses and does not reflect the impact of credit isk mitigation.


Represents exposure at default, which is the expected gross exposure upon the default of an obligor. This amount is before allowance for loan losses and does not reflect the impact of credit risk mitigation.

 credit risk mitigation technique employed.
Actual loss reflects internal credit loss experience realized over a given period. Actual loss rate is the sum of provision for credit losses on impaired loans divided by average of loans and acceptances period end outstanding for the current and prior 3 -quarter period.
Estimated loss represents expected loss which is calculated using the Basel III" "through the cycle" parameters of probability of default x loss given default x exposure at default, estimated based on available historicall loss data. Estimated loss rate is the
expected loss divided by loans and acceptances outstanding at the beginning of the applicable consecutive 4 -quarter period defined above. Actual loss will normally exceed estimated loss during economic downturns and come below in periods of expansion Average annual actual loss rate from fiscal 2003 through to the most recent full year. The information is updated on an annual basis
Back-testing is performed to check the effectiveness of the models used to measure PD, LGD and EAD. Estimated percentages are as of October 31, 2014 (October 31, 2013 for Retail LGD) and actual percentages reflect experience in the following 12 months (24 months for Retail LGD).
For retail, EAD rate represents the utilization of the authorized credit limit. For wholesale, EAD rate represents the utilization of the undrawn amount where the undrawn amount is equal to the authorized credit limit minus the outstanding balance. ${ }^{8}$ Estimated percentages are as of July 31, 2014 (July 31, 2013 for Retail LGD) and actual percentages reflect experience in the following 12 months ( 24 months for Retail LGD).


Total exposusure includdes loans outstanding (drawn) and undrawn commitments and represents exposure at defaut, which is the expected gross exposure upon the defaut of an obligor. This amount is before allowance for loan losses and after credit risk mitigation.
Represents the exposure- weighted average probability of defaut, loss given defautt rate, exposure at defaut (EAD) rate and risk weight within each risk range. Average LGD for insured residential mortgages is based on the adjustment approach where the impact of related insurance is considered. EAD rate is a percentage of undraw
Includes insured drawn and undrawn Canadian residential mortgages and home equity lines of credit (HELOCS).

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{4}{|l|}{\multirow[t]{2}{*}{WHOLESALE CREDIT EXPOSURE
BY PORTFLIO AND RISK RATING
(Millions of Canadian dollars, except percentage amounts)}} \& \multicolumn{7}{|c|}{Q1/16} \& \multicolumn{7}{|c|}{Q4/15} <br>
\hline \& \& \& \& Exposure at default (EAD) ${ }^{1}$ \& Notional of undrawn commitments \& $$
\begin{aligned}
& \text { Exposure } \\
& \text { weighted } \\
& \text { wavage } \\
& \text { EvA \% }{ }^{2}
\end{aligned}
$$ \& Exposure
weighted average PD \% ${ }^{2}$ \& Exposure
weighted
average
loss given
default LGD $\%^{2}$ \& Exposure weighted average
risk weight $\%^{2}$ weight \% \& Risk weighted Assets (RWA) ${ }^{3}$ \& Exposure at default (EAD) ${ }^{1}$ \& Notional of undrawn commitments \& $$
\begin{aligned}
& \text { Exposure } \\
& \text { weighted } \\
& \text { average } \\
& \text { EAD \% }{ }^{2}
\end{aligned}
$$ \& Exposure
weighted average PD \% ${ }^{2}$ \& Exposure
weighted
average
loss given
default LGD $\%^{2}$ \& Exposure weighted averag
risk weight $\%^{2}$ \& Risk weighted Assets (RWA) ${ }^{3}$ <br>
\hline \multirow[t]{2}{*}{Internal rating ${ }^{4}$} \& External rating \& External rating \& Probability of defauts \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& equivalent (S\&P) \& equivalent (Moody's) \& (PD) range \% ${ }^{5}$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \multicolumn{4}{|l|}{Business} \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 1 \& AAA \& Aaa \& 0.000\% to 0.030\% \& 6,469 \& 1,310 \& 48.30\% \& 0.02\% \& ${ }^{23.53 \%}$ \& 6.38\% \& 413 \& 5,832 \& 1,008 \& 43.03\% \& 0.02\% \& 23.77\% \& 6.38\% \& 372 <br>
\hline 2 \& ${ }^{\text {AA+ }}$ \& ${ }^{\text {Aa1 }}$ \& 0.000\% to 0.033\% \& 980 \& ${ }^{1,811}$ \& 54.10\% \& ${ }^{0.03 \%}$ \& 40.65\% \& 12.48\% \& 122 \& 835 \& 1,508 \& 56.07\% \& ${ }^{0.03 \%}$ \& 41.44\% \& 13.52\% \& 114 <br>
\hline 3 \& AA \& Aa2 \& 0.000\% to 0.030\% \& 3,231 \& 4,867 \& 46.91\% \& 0.03\% \& 31.61\% \& 11.50\% \& 372 \& 2,307 \& 4,126 \& 44.83\% \& 0.03\% \& 33.80\% \& 12.37\% \& 285 <br>
\hline 4 \& AA- \& Aa3 \& 0.000\% to 0.030\% \& 7,349 \& 12,780 \& 56.48\% \& 0.03\% \& 41.79\% \& 12.88\% \& 938 \& 5,068 \& 9,030 \& 55.72\% \& 0.03\% \& 41.38\% \& 13.51\% \& 666 <br>
\hline 5 \& $\mathrm{A}_{+}$ \& A1 \& 0.031\% to 0.053\% \& 5,359 \& ${ }_{9,485}$ \& 52.97\% \& 0.05\% \& 43.53\% \& 26.79\% \& 1,397 \& 6,434 \& 10,478 \& 56.34\% \& 0.04\% \& 43.12\% \& 25.11\% \& 1,574 <br>
\hline 6 \& A \& A2 \& 0.054\% to 0.076\% \& 9,310 \& 14,240 \& 54.37\% \& 0.07\% \& 40.64\% \& 32.61\% \& 2,991 \& 8,131 \& 12,712 \& 53.86\% \& 0.06\% \& 40.19\% \& 32.24\% \& 2,548 <br>
\hline 7 \& ${ }^{\text {A }}$ \& ${ }^{\text {A3 }}$ \& 0.077\% to 0.123\% \& 12,088 \& 16,600 \& ${ }_{55}^{55.48 \%}$ \& 0.09\% \& 40.87\% \& ${ }^{44.39 \%}$ \& 5,366 \& 10,599 \& 14,755 \& ${ }_{55}^{55.82 \%}$ \& 0.09\% \& 40.46\% \& 31.21\% \& 3,074 <br>
\hline 8 \& ${ }_{\text {BBB }+}$ \& Baa1 \& 0.124\% to 0.173\% \& 22,360 \& 23,497 \& 56.53\% \& 0.17\% \& 42.90\% \& 46.25\% \& 9,574 \& 20,143 \& 21,963 \& 56.06\% \& 0.16\% \& 42.25\% \& 44.39\% \& 8,275 <br>
\hline 9 \& BBB \& Baa2 \& 0.174\% to 0.233\% \& 25,654 \& 27,049 \& 56.55\% \& 0.21\% \& 41.83\% \& 56.20\% \& 14,418 \& 25,026 \& 29,138 \& 56.21\% \& 0.20\% \& 41.49\% \& 46.92\% \& 11,225 <br>
\hline 10 \& ввв- \& Baa3 \& 0.234\% to 0.360\% \& 28,210 \& 24,171 \& 59.26\% \& 0.27\% \& 41.35\% \& 53.63\% \& 14,545 \& 21,486 \& 19,796 \& 53.28\% \& 0.28\% \& 40.86\% \& 56.20\% \& 11,482 <br>
\hline 11 \& BB+ \& Ba1 \& 0.361\% to 0.581\% \& 27,922 \& 26,100 \& 42.38\% \& 0.45\% \& 36.93\% \& 57.43\% \& 14,971 \& 26,186 \& 21,706 \& 41.80\% \& 0.46\% \& 37.70\% \& 60.90\% \& ${ }^{14,802}$ <br>
\hline 12 \& ${ }_{\text {BB }}^{\text {B }}$ \& ${ }^{\text {Ba2 }}$ \& 0.588\% to 0.933\% \& 34,920 \& 22,516 \& 49.69\% \& 0.74\% \& 37.88\% \& 72.97\% \& 24,796 \& 35,648

S3,132 \& 22,670 \& 50.24\% \& 0.76\% \& 38.47\% \& 74.01\% \& 25,851 <br>
\hline 14 \& ${ }_{\text {B }}^{\text {B+ }}$ \& B1 \& - $0.7425 \%$ to 0.1 .24 \% $2.948 \%$ \& 24,878
19,372 \& 14,984
13,112 \& 42.97\% \& 2.1.21\% \& 34.46\% \& 81.90\% \& 17,042
15,009 \& ${ }_{20,560}^{23,132}$ \& ${ }_{13,567}^{14,805}$ \& 49.23\% \& 2.20\% \& 36.07\% \& 86.08\% \& 16,767
16,809 <br>
\hline 15 \& в \& B2 \& 2.949\% to 4.653\% \& 12,370 \& 9,056 \& 46.25\% \& 3.49\% \& 34.86\% \& 96.99\% \& 11,434 \& 11,836 \& 8 8,729 \& 44.98\% \& 3.43\% \& 35.65\% \& 100.28\% \& 11,011 <br>
\hline 16 \& B- \& в3 \& 4.654\% to 7.343\% \& 7 7,427 \& 5,599 \& 52.86\% \& 5.54\% \& 34.83\% \& 106.94\% \& 6,357 \& 7,267 \& 5,366 \& 53.78\% \& 5.34\% \& 35.69\% \& 110.67\% \& 7,217 <br>
\hline 17 \& $\mathrm{CCC}_{+}$ \& Caa1 \& 7.344\% to 10.896\% \& 2,677 \& 1,631 \& 42.29\% \& 8.77\% \& 33.94\% \& 126.40\% \& 3,265 \& 2,541 \& 2,077 \& 50.08\% \& 8.24\% \& 34.03\% \& 124.04\% \& 3,014 <br>
\hline 18 \& Ccc \& ${ }^{\text {Caa2 }}$ \& 10.897\% to $16.748 \%$ \& 755 \& 500 \& 43.70\% \& 11.73\% \& ${ }^{35.65 \%}$ \& ${ }^{126.70 \%}$ \& 889 \& 796 \& 527 \& 41.27\% \& 11.89\% \& ${ }^{33.38 \%}$ \& 117.98\% \& <br>
\hline 19 \& ccc- \& Caa3 \& 16.749\% to 27.074\% \& 861 \& 641 \& 44.45\% \& 19.36\% \& 32.24\% \& 139.98\% \& 1,205 \& 296 \& 279 \& 43.00\% \& 18.31\% \& 30.00\% \& 108.73\% \& 591 <br>
\hline 20 \& cc \& Ca \& 27.075\% to 99.999\% \& 378 \& 270 \& 42.71\% \& 29.42\% \& 36.77\% \& 191.33\% \& 724 \& 302 \& 287 \& 42.30\% \& 29.40\% \& 34.98\% \& ${ }^{160.56 \%}$ \& $\begin{array}{r}485 \\ 2.133 \\ \hline 1\end{array}$ <br>
\hline 21
22 \& \& \& 100\% \& 1,014 \& 370 \& 0.00\% \& 100.00\% \& 40.95\% \& 254.17\% \& 2,576 \& 1,128 \& 358 \& 0.00\% \& 100.00\% \& 38.38\% \& 198.44\% \& 2,133 <br>
\hline ${ }_{\text {Total Business }}$ \& Bankruptcy \& Bankruptcy \& 100\% \& 254,037 \& 230,629 \& 52.32\%\% \& 100.00\% $1.66 \%$ \& 35.02\% \& 255.28\% $61.58 \%$ \& 1,157
149,561 \& +165 \& 214,929 \& 51.85\% \& 100.00\% $1.64 \%$ \& 36.05\% \& $\frac{114.72 \%}{62.08 \%}$ \& $\begin{array}{r}295 \\ \hline 139,459\end{array}$ <br>
\hline \multicolumn{4}{|l|}{Sovereign} \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline S \& AAA \& Aaa \& 0.000\% to 0.012\% \& 5,457 \& 4,041 \& 25.53\% \& 0.01\% \& 15.06\% \& 0.60\% \& 33 \& 5,088 \& 3,900 \& 25.55\% \& 0.01\% \& 15.05\% \& 0.21\% \& 11 <br>
\hline 2 \& $\mathrm{AA}_{+}$ \& Aa1 \& 0.013\% to 0.018\% \& 98 \& 285 \& 30.86\% \& 0.01\% \& 33.51\% \& 3.09\% \& 3 \& 128 \& 368 \& 29.05\% \& 0.01\% \& 36.90\% \& 3.61\% \& 5 <br>
\hline 3 \& AA \& Aa2 \& 0.019\% to 0.026\% \& 1,147 \& 2,433 \& 42.72\% \& 0.03\% \& 28.68\% \& 9.78\% \& ${ }_{12}^{12}$ \& 983 \& ${ }^{1,844}$ \& 44.66\% \& 0.02\% \& 33.33\% \& 10.86\% \& 107 <br>
\hline 4
5 \& ${ }_{\text {A }}^{\text {A }}+$ \& ${ }_{\text {A1 }}^{\text {Aa }}$ \& ${ }^{0} 0.027 \%$ to $0.033 \%$ \& $\begin{array}{r}1,404 \\ \\ \hline 950\end{array}$ \& 2,291
1,634 \& $44.30 \%$
$40.71 \%$ \& ${ }^{0.03 \%}$ 0.05\% \& $31.66 \%$
$38.09 \%$ \& ${ }^{9} 9.42 \%$ \% \& 132
130
1 \& 1,443
9 \& 2,122
1,408 \& $44.60 \%$
$42.01 \%$ \& ${ }^{0.03 \%}$ 0.04\% \& $34.96 \%$
$40.99 \%$ \& $10.81 \%$
$13.70 \%$ \& 156
126 <br>

\hline 5 \& ${ }_{\text {A }}{ }^{+}$ \& ${ }_{\text {A2 }}$ \& $0.054 \%$ to $0.0076 \%$ \& 1,693 \& -1,934 \& 29.91\% \& ${ }^{0.05 \%}$ \& 41.50\% \& 19.20\% \& | 130 |
| :--- |
| 325 | \& 1,687 \& 1,892 \& 32.38\% \& 0.06\% \& 42.70\% \& 18.81\% \& 126

317 <br>
\hline 7 \& A- \& A3 \& 0.077\% to 0.123\% \& 2,039 \& 2,215 \& 43.67\% \& 0.09\% \& 38.08\% \& 26.28\% \& 530 \& 1,977 \& ${ }_{2}^{2,188}$ \& 43.56\% \& 0.09\% \& 40.02\% \& 28.95\% \& 567 <br>
\hline 8 \& ${ }_{\text {BBB }+}$ \& Baa1 \& 0.124\% to 0.173\% \& 988 \& 679 \& 37.85\% \& 0.17\% \& 37.34\% \& 33.21\% \& 322 \& 921 \& 628 \& 36.84\% \& 0.16\% \& 39.58\% \& 32.69\% \& 297 <br>
\hline \& BBB \& Baa2 \& 0.174\% to 0.233\% \& 905 \& 529 \& 52.37\% \& 0.21\% \& 43.93\% \& 52.71\% \& 469 \& 806 \& 598 \& 52.97\% \& 0.19\% \& 44.12\% \& 50.90\% \& 400 <br>
\hline 10 \& BBB- \& Baa3 \& 0.234\% to 0.360\% \& 783 \& 107 \& 55.55\% \& 0.27\% \& 43.27\% \& 39.40\% \& 308 \& 743 \& 42 \& 48.24\% \& 0.28\% \& 43.27\% \& 39.35\% \& 292 <br>
\hline 11 \& BB+ \& Ba1 \& 0.361\% to 0.581\% \& 145 \& 140 \& 29.54\% \& 0.43\% \& 37.46\% \& 65.45\% \& 94 \& 227 \& 143 \& 29.25\% \& 0.44\% \& 40.20\% \& 69.40\% \& 156
151
151 <br>
\hline 12
13 \& ${ }_{\text {BB }}^{\text {BB }}$ \& Ba2
Ba3 \& $0.582 \%$ to $0.939 \%$
$0.940 \%$ to $0.724 \%$ \& 641
48 \& 333
19 \& $24.35 \%$
$28.01 \%$ \& 0.7.70\% \& 44.87\%
$35.16 \%$ \& ${ }^{22} \mathbf{6 7 . 6 5 \%}$ \& 145
31
3 \& 479
47 \& $\begin{array}{r}356 \\ 23 \\ \hline\end{array}$ \& $24.74 \%$
$27.36 \%$ \& $0.72 \%$
$1.16 \%$ \& 44.92\%
$35.07 \%$ \& $35.52 \%$
$66.93 \%$ \& <br>
\hline 14 \& ${ }_{\text {B+ }}$ \& ${ }_{81}{ }^{\text {ba }}$ \& 1.725\% to $2.948 \%$ \& 36 \& 41 \& 31.05\% \& 2.29\% \& 37.80\% \& 98.10\% \& 35 \& 37 \& 37 \& 27.33\% \& 2.29\% \& 38.65\% \& 100.23\% \& 37 <br>
\hline 15 \& в \& B2 \& 2.949\% to 4.653\% \& 2 \& 1 \& 28.43\% \& 3.70\% \& 39.16\% \& 113.79\% \& 2 \& 2 \& 2 \& 26.38\% \& 3.61\% \& 33.51\% \& 92.64\% \& 2 <br>
\hline 16
17 \& $\stackrel{\text { B- }}{\text { CCC }}$ \& ${ }^{83}$ \& 4.654\% to $7.343 \%$ \& 2 \& 1 \& 26.06\% \& 5.99\% \& 34.47\% \& 111.02\% \& 2 \& 1 \& 1 \& 25.41\% \& 5.70\% \& 40.86\% \& 127.99\% \& 2 <br>
\hline 17
18 \& $\mathrm{CCCO}_{+}$ \& Caal \& $7.344 \%$ to 10.896\% \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& \& 2 \& \& n.a. \& 8.99\% \& 30.72\% \& 114.99\% \& <br>
\hline 18
19 \& Ccc
ccc- \& ${ }_{\text {Caa2 }}^{\text {Caa3 }}$ \& 10.897\% to $16.748 \% \%$ \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& \& \&  \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline 20 \& cc \& Ca \&  \& \& 5 \& 25.00\% \& n..a. \& n.a. \& n.a. ${ }_{\text {n.a. }}^{\text {n. }}$ \& \& 1 \& 6 \& 28.38\% \& n. ${ }_{\text {n.a. }}$ \& n. n .a. \& no. $\begin{array}{r}\text { n.a. } \\ \text { 130.33\% }\end{array}$ \& 1 <br>
\hline 21 \& c \& c \& 100\% \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& \& - \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline \multirow[t]{2}{*}{${ }_{\text {22 }}^{\text {Total Sovereign }}$} \& Bankruptcy \& Bankruptcy \& 100\% \& \& \& n.a. \& n.a. \& \& n.a. \& \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline \& \& \& \& 16,338 \& 16,725 \& 38.73\% \& 0.10\% \& 30.29\% \& 16.52\% \& ${ }^{2,673}$ \& 15,501 \& 15,558 \& 38.96\% \& 0.10\% \& 31.73\% \& 17.44\% \& 2,658 <br>
\hline \multicolumn{4}{|l|}{Bank} \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 1 \& AAA \& Aaa \& 0.000\% to 0.030\% \& \& - \& n.a. \& n.a. \& n.a. \& n.a. \& \& - \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline 3 \& ${ }_{\text {AA }}^{\text {A }}$ \& Aa1
Aa2 \& 0.0.000\% to 00.033\% \& 2 \& 7 \& 25.00\% \& 0.03\% \& n.a.
$45.00 \%$ \& n.a. \& \& ; \& ; \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline 4 \& ${ }_{\text {AA }}$ - \& ${ }_{\text {Aa3 }}$ \& 0.000\% to 00.030\% \& 34 \& 44 \& ${ }^{23.15 \%}$ \& 0.03\% \& 45.00\% \& 10.32\% \& , \& 250 \& 72 \& ${ }^{23.96 \%}$ \& ${ }^{0.03 \%}$ \& 45.00\% \& 10.32\% \& 20 <br>
\hline 5 \& A+ \& A1 \& 0.031\% to 0.053\% \& 74 \& 97 \& 25.00\% \& 0.05\% \& 39.37\% \& 12.92\% \& 10 \& 195 \& 710 \& 25.00\% \& 0.04\% \& 43.56\% \& 13.77\% \& 27 <br>
\hline ${ }_{7}$ \& A \& ${ }^{\text {A2 }}$ \& 0.054\% to 0.076\% \& 174 \& 660 \& 25.00\% \& 0.07\% \& 45.00\% \& 18.73\% \& ${ }^{33}$ \& 381 \& 764 \& 25.00\% \& 0.06\% \& 45.00\% \& 17.89\% \& ${ }^{68}$ <br>
\hline 7 \& ${ }_{\text {A }}^{\text {A - }}$ \& ${ }_{\text {A3 }}^{\text {Baal }}$ \& ${ }^{0.077 \%}$ +10 0.123\% $0.123 \%$ \& 853

590 \& 1,608 \& ${ }_{31}^{28.65 \%}$ \& 0.0.09\% \& ${ }_{44.94 \%}$ \& 21.77\% \& | 185 |
| :--- |
| 264 | \& 990

501 \& ${ }_{433}^{933}$ \& $31.96 \%$

$25.96 \%$ \& ${ }^{0.09 \%}$ \& ${ }_{44}^{42.80 \%}$ \& 22.34\% \& 221
180 <br>
\hline 9 \& ввв \& Baa2 \& 0.174\% to 0.233\% \& 95 \& 264 \& 20.76\% \& 0.21\% \& 44.35\% \& ${ }^{49.85 \%}$ \& $\begin{array}{r}264 \\ 38 \\ \hline\end{array}$ \& ${ }_{119}$ \& ${ }_{265}$ \& 20.20\% \& - $0.19 \%$ \& 44.91\% \& 35.86\% \& 180
47 <br>
\hline 10 \& BBB- \& Ваа3 \& 0.234\% to 0.360\% \& 43 \& 116 \& 35.83\% \& 0.27\% \& 45.01\% \& 82.20\% \& 35 \& 37 \& 88 \& 28.28\% \& 0.28\% \& 45.30\% \& 52.72\% \& 20 <br>
\hline 11 \& BB+ \& Ba1 \& 0.361\% to 0.581\% \& 101 \& 198 \& 30.02\% \& 0.43\% \& 52.11\% \& 77.19\% \& 78 \& 102 \& 201 \& 29.15\% \& 0.44\% \& 49.48\% \& 75.26\% \& 77 <br>
\hline 12
13 \& ${ }_{\text {BB }}^{\text {BB }}$ \& Ba2
Ba3 \& ${ }^{0.582 \%}$ to 0.939\%\% \& 148
22 \& 155
80 \& 26.38\% \& 0.7.7\%\% \& 41.86\%
$30.41 \%$ \& 83.14\% \& 123
13
13 \& $\stackrel{123}{9}$ \& $\begin{array}{r}195 \\ \hline 25\end{array}$ \&  \& ${ }^{0} 0.72 \%$ \& $42.37 \%$
$4500 \%$ \& 82.91\%
100.55\% \& <br>
\hline 14 \& ${ }^{\text {B+ }}$ \& ${ }^{81}$ \& 1.725\% to $2.948 \%$ \& 112 \& 60 \& 38.45\% \& 2.29\% \& 42.67\% \& 127.20\% \& 142 \& 91 \& ${ }_{69}^{25}$ \& 36.67\% \& 2.29\% \& 43.37\% \& 132.22\% \& 120 <br>
\hline 15 \& B \& ${ }^{\text {B2 }}$ \& 2.949\% to $4.653 \%$ \& 17 \& 36 \& 19.08\% \& 3.70\% \& 44.95\% \& 154.35\% \& 27 \& 7 \& 29 \& 22.84\% \& 3.67\% \& 45.00\% \& 135.79\% \& 10 <br>
\hline 16
17 \& ${ }^{\text {B- }}$ \& в3 \& 4.654\% to $7.343 \%$ \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& \& 2 \& \& n.a. \& 5.70\% \& 45.00\% \& 186.82\% \& 4 <br>
\hline 17
18 \& $\mathrm{CCC}_{+}$ \& Caal \& 7.344\% to 10.896\% \& 3 \& 8 \& 25.00\% \& 9.68\% \& 45.00\% \& 202.87\% \& ${ }^{4}$ \& 3 \& 8 \& 25.00\% \& 8.99\% \& 45.00\% \& 197.22\% \& 4 <br>
\hline 18
19 \& ccc
ccc- \& ${ }_{\text {Caa2 }}$ \& 10.897\% to 16.748\% \& 1 \& 3 \& 0.25 \& 0.13 \& ${ }^{0.45}$ \& 2.23 \& 2 \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline 20 \& cc \& Ca \& 27.075\% to 99.999\% \& 1 \& 5 \& 25.00\% \& 32.84\% \& 45.00\% \& 261.23\% \& 3 \& 1 \& 3 \& 25.00\% \& n3.45\% \& 45.00\% \& 260.71\% \& 2 <br>
\hline 21
22 \& ${ }^{\text {c }}$ \& C \& 100\% \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline ${ }_{\text {Total Bank }}$ \& Bankruptcy \& Bankuputcy \& 100\% \& $\frac{2}{2.272}$ \& 3.917 \& n.a. \& 100.00\% $0.44 \%$ \& 45.00\% \& 134.98\% \& $\begin{array}{r}5 \\ 965 \\ \hline\end{array}$ \& $\frac{2}{2.815}$ \& 3.802 \& 27.43\% \& 100.00\% $0.31 \%$ \& 45.00\% $44.12 \%$ \& 134.98\% \& $\stackrel{4}{915}$ <br>
\hline
\end{tabular}

Includes Ioans and a
standardized approach
Represents the exposure-weighted average of EAD rate, PD, LGD and risk weight within each internal rating. EAD rate is a percentage of the notional of undrawn commitments that is currenty undrawn but expected to be drawn in the event of a defaut
Risk weighted assets are calculated on exposure atter credit risk mitigation
Rasin


| REALIZED GAINS AND LOSSES ON AVAILABLE-FOR-SALE SECURITIES <br> (Millions of Canadian dollars) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Realized gains | 76 | 69 | 66 | 60 | 45 | 78 | 40 | 80 | 46 | 240 | 244 |
| Realized losses and impairments | (25) | (31) | (12) | (18) | (18) | (14) | (3) | (7) | (17) | (79) | (41) |
| Net gains (losses) on Available-for-sale securities | 51 | 38 | 54 | 42 | 27 | 64 | 37 | 73 | 29 | 161 | 203 |
| Less: Amount booked in Insurance premium, investment and fee income | (1) | 4 | 12 | - | - | 2 | 1 | 2 | 6 | 16 | 11 |
| Net gains (losses) on Available-for-sale securities net of Insurance premium, investment and fee income | 52 | 34 | 42 | 42 | 27 | 62 | 36 | 71 | 23 | 145 | 192 |


| TRADING CREDIT DERIVATIVES ${ }^{1}$ |
| :--- |
| (Millions of Canadian dollars) |


| Notional amount |
| :--- |
| $\quad$ Protection purchased |
| $\quad$ Protection sold |
| Fair value ${ }^{2}$ |
| Positive |
| Negative |
| Replacement cost ${ }^{3}$ |


| 8,971 | 8,971 | 9,196 | 10,289 | 12,159 | 13,293 | 11,419 | 12,366 | 10,332 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5,287 | 5,315 | 4,921 | 6,371 | 9,087 | 11,414 | 8,175 | 9,541 | 8,282 |
| 88 | 94 | 94 | 135 | 213 | 254 | 196 | 250 | 225 |
| 99 | 153 | 178 | 232 | 260 | 301 | 264 | 293 | 272 |
| 23 | 34 | 33 | 42 | 91 | 178 | 127 | 163 | 118 |

OTHER THAN TRADING CREDIT DERIVATIVES POSITIONS (NOTIONAL AMOUNT AND FAIR VALUE)

| Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Notional amount
Automotive
Energy
Oil and ga
Utilities

$$
\begin{aligned}
& \text { Oil and } \\
& \text { Utilities }
\end{aligned}
$$

Non-bank financial services
Mining \& metals
Real estate \& related
Technology \& media
Transportation \& environment
Other
Sovereign
Bank
Net protection purchased
Offsetting protection sold related to the same reference entity
Gross protection purchased
Net protection sold
Offsetting protection purchased related to the same reference entity Gross protection sold

Gross protection purchased and sold (notional amount)
Fair value ${ }^{2}$
Positive

[^7](ond



| Total derivatives ${ }^{5}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| As at QQ1/16, the notional amounts excludes exchange traded options witten of $\$ 100.5$ | billion, over-the-counter options written of $\$ 340.1$ |


Comprises credit default swaps, total return swaps, credit defaut baskets and credit default options
As at Q1/1/6, the total credit equivalent amount reported above is net of $\$ 21.3$ billion in collateral and does not reflect the neting of the creait valuation adjustment losses of $\$ 485$ million described in footnote 2


 VaR and stressed VaR measures for a 10 day time horizon.

| CALCULATION OF ROE AND RORC <br> (Millions of Canadian dollars, except percentage and per share amounts) | Q1/16 | Q4/15 | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | 2015 | 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal \& Commercial Banking |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 1,270 | 1,251 | 1,264 | 1,180 | 1,242 | 1,143 | 1,118 | 1,096 | 1,048 | 4,937 | 4,405 |
| Average risk capital | 13,850 | 12,150 | 11,750 | 11,450 | 11,250 | 11,350 | 10,450 | 10,100 | 10,300 | 11,650 | 10,550 |
| Add: Average goodwill and other intangibles | 4,900 | 4,900 | 4,800 | 4,850 | 4,750 | 4,650 | 4,650 | 4,650 | 4,700 | 4,850 | 4,650 |
| Average attributed capital | 18,750 | 17,050 | 16,550 | 16,300 | 16,000 | 16,000 | 15,100 | 14,750 | 15,000 | 16,500 | 15,200 |
| ROE ${ }^{1}$ | 26.9\% | 29.1\% | 30.3\% | 29.7\% | 30.8\% | 28.3\% | 29.4\% | 30.5\% | 27.7\% | 30.0\% | 29.0\% |
| RORC | 36.5\% | 40.8\% | 42.7\% | 42.2\% | 43.8\% | 40.0\% | 42.4\% | 44.4\% | 40.3\% | 42.3\% | 41.7\% |
| Canadian Banking |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 1,216 | 1,214 | 1,226 | 1,179 | 1,209 | 1,198 | 1,170 | 1,096 | 1,120 | 4,828 | 4,584 |
| Average risk capital | 12,350 | 10,800 | 10,400 | 10,100 | 10,050 | 10,200 | 9,350 | 9,000 | 9,100 | 10,350 | 9,400 |
| Add: Average goodwill and other intangibles | 2,900 | 2,900 | 2,900 | 2,950 | 2,950 | 2,950 | 2,950 | 2,950 | 3,000 | 2,900 | 3,000 |
| Average attributed capital | 15,250 | 13,700 | 13,300 | 13,050 | 13,000 | 13,150 | 12,300 | 11,950 | 12,100 | 13,250 | 12,400 |
| ROE ${ }^{1}$ | 31.8\% | 35.2\% | 36.5\% | 37.1\% | 36.9\% | 36.1\% | 37.7\% | 37.7\% | 36.7\% | 36.4\% | 37.0\% |
| RORC | 39.2\% | 44.6\% | 46.8\% | 47.8\% | 47.8\% | 46.5\% | 49.5\% | 50.1\% | 48.7\% | 46.7\% | 48.7\% |
| Wealth Management |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 290 | 252 | 278 | 265 | 226 | 280 | 278 | 272 | 227 | 1,021 | 1,057 |
| Average risk capital | 4,450 | 1,700 | 1,800 | 1,900 | 1,800 | 1,750 | 1,550 | 1,500 | 1,500 | 1,800 | 1,600 |
| Add: Average goodwill and other intangibles | 8,550 | 4,150 | 4,150 | 4,050 | 4,000 | 3,900 | 3,900 | 4,000 | 3,900 | 4,100 | 3,900 |
| Average attributed capital | 13,000 | 5,850 | 5,950 | 5,950 | 5,800 | 5,650 | 5,450 | 5,500 | 5,400 | 5,900 | 5,500 |
| ROE ${ }^{1}$ | 8.9\% | 17.0\% | 18.6\% | 18.3\% | 15.5\% | 19.6\% | 20.3\% | 20.2\% | 16.6\% | 17.4\% | 19.2\% |
| RORC | 25.8\% | 58.1\% | 60.9\% | 57.6\% | 49.3\% | 63.1\% | 72.0\% | 73.4\% | 59.7\% | 56.5\% | 66.9\% |
| Insurance |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 129 | 223 | 172 | 122 | 184 | 254 | 212 | 152 | 155 | 701 | 773 |
| Average risk capital | 1,450 | 1,500 | 1,400 | 1,350 | 1,450 | 1,500 | 1,450 | 1,350 | 1,350 | 1,450 | 1,400 |
| Add: Average goodwill and other intangibles | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Average attributed capital | 1,600 | 1,650 | 1,550 | 1,500 | 1,600 | 1,650 | 1,600 | 1,500 | 1,500 | 1,600 | 1,550 |
| ROE ${ }^{1}$ | 32.4\% | 53.4\% | 43.6\% | 33.0\% | 46.0\% | 61.5\% | 53.2\% | 42.1\% | 40.5\% | 44.3\% | 49.7\% |
| RORC | 35.6\% | 58.6\% | 48.1\% | 36.5\% | 50.6\% | 67.4\% | 58.7\% | 46.7\% | 44.9\% | 48.8\% | 54.9\% |
| Investor \& Treasury Services |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 140 | 85 | 164 | 156 | 140 | 111 | 107 | 108 | 103 | 545 | 429 |
| Average risk capital | 2,950 | 2,600 | 2,150 | 2,150 | 1,850 | 1,700 | 1,600 | 1,650 | 1,550 | 2,200 | 1,650 |
| Add: Average goodwill and other intangibles | 500 | 500 | 500 | 500 | 500 | 550 | 550 | 550 | 500 | 500 | 500 |
| Average attributed capital | 3,450 | 3,100 | 2,650 | 2,650 | 2,350 | 2,250 | 2,150 | 2,200 | 2,050 | 2,700 | 2,150 |
| ROE ${ }^{1}$ | 15.9\% | 10.9\% | 24.5\% | 24.2\% | 23.7\% | 19.5\% | 20.1\% | 20.1\% | 19.7\% | 20.3\% | 19.8\% |
| RORC | 18.6\% | 12.9\% | 30.3\% | 29.9\% | 30.4\% | 25.4\% | 26.7\% | 26.6\% | 26.7\% | 25.0\% | 26.4\% |
| Capital Markets |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 553 | 538 | 530 | 610 | 581 | 389 | 624 | 491 | 486 | 2,259 | 1,990 |
| Average risk capital | 16,800 | 16,250 | 15,250 | 15,750 | 14,800 | 13,500 | 13,700 | 13,000 | 12,400 | 15,500 | 13,150 |
| Add: Average goodwill and other intangibles | 1,100 | 1,100 | 1,050 | 1,000 | 1,000 | 950 | 950 | 950 | 950 | 1,050 | 950 |
| Average attributed capital | 17,900 | 17,350 | 16,300 | 16,750 | 15,800 | 14,450 | 14,650 | 13,950 | 13,350 | 16,550 | 14,100 |
| ROE ${ }^{1}$ | 12.3\% | 12.3\% | 12.9\% | 14.9\% | 14.6\% | 10.7\% | 16.9\% | 14.5\% | 14.5\% | 13.6\% | 14.1\% |
| RORC | 13.1\% | 13.1\% | 13.8\% | 15.9\% | 15.6\% | 11.4\% | 18.1\% | 15.5\% | 15.6\% | 14.6\% | 15.1\% |
| Corporate Support ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | (16) | 166 | (9) | 93 | 21 | 95 | (42) | 4 | (14) | 271 | 43 |
| Average risk capital and other | 2,950 | 2,650 | 2,400 | 2,450 | 2,350 | 2,350 | 2,200 | 2,100 | 2,250 | 2,400 | 2,250 |
| Add: Average under/(over) atrribution of capital | 3,800 | 8,150 | 7,200 | 5,900 | 5,350 | 5,100 | 5,250 | 5,550 | 4,500 | 6,650 | 4,950 |
| Average attributed capital | 6,750 | 10,800 | 9,600 | 8,350 | 7,700 | 7,450 | 7,450 | 7,650 | 6,750 | 9,050 | 7,200 |
| RBC |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 2,447 | 2,593 | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 10,026 | 9,004 |
| Net income available to common shareholders | 2,366 | 2,515 | 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 9,734 | 8,697 |
| Average risk capital | 41,000 | 35,500 | 33,450 | 33,750 | 32,250 | 30,950 | 29,850 | 28,650 | 28,200 | 33,750 | 29,400 |
| Average common equity | 61,450 | 55,800 | 52,600 | 51,500 | 49,250 | 47,450 | 46,400 | 45,550 | 44,050 | 52,300 | 45,700 |
| ROE | 15.3\% | 17.9\% | 18.1\% | 19.3\% | 19.3\% | 19.0\% | 19.6\% | 19.1\% | 18.1\% | 18.6\% | 19.0\% |
| RORC | 23.0\% | 28.1\% | 28.4\% | 29.5\% | 29.5\% | 29.1\% | 30.5\% | 30.4\% | 28.2\% | 28.9\% | 29.6\% |

[^8]

 to be comparable to similar measures disclosed by other companies.

## Performance measures

Attributed capital (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.

Risk capital
Risk capital includes credit, market (trading and non-trading), insurance-specific, operational, business and fixed assets risk capital.

## Average risk capital

Calculated using methods intended to approximate the average of the daily risk capital balances for the period.

Return on equity (ROE)
Business segment return on equity is calculated as net income available to common shareholders
divided by Average attributed capital for the period and using methods that are intended to
approximate the average of the daily balances for the period. Corporate Support also includes average unattributed capital. ROE is based on actual balances of average common equity before rounding.

Return on risk capital (RORC)
Net income available to common shareholders divided by average risk capital. Business segment RORC is calculated as net income available to common shareholders divided by average risk capital for the period. RORC is based on actual balances of average common equity before rounding.

## Unattributed capital

Unattributed capital represents common equity in excess of common equity attributed to our business segments and is reported in the Corporate Support segment.

## Definitions

Assets under administration (AUA)
Assets administered by us, which are beneficially owned by clients. 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. 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.

## Non-GAAP measures

## Adjusted basis measures

Adjusted basis measures such as adjusted net income available to common shareholders, adjusted diluted earnings per share (EPS) and adjusted ROE are calculated by adding back to net income the after-tax amount of amortization of intangibles (excluding amortization of software), any goodwill impairment, the dilutive impact of exchangeable shares, and other significant non-recurring items.

Adjusted efficiency ratio, operating leverage and revenue growth
The ratio and calculations are adjusted to exclude the change in fair value backing our policyholder liabilities from revenue and revenue growth. Refer to page 51 for the definition of the efficiency ratio, operating leverage and revenue growth.

## Economic profit

Net income (loss) after non-controlling interests excluding the after-tax effect of amortization and write-down of other intangibles (excluding software) and goodwill less a capital charge for use of attributed capital.

Common equity includes common shares, common treasury shares, retained earnings and other components of equity.

Credit quality ratios excluding City National
The ratios are adjusted to exclude the impact of our acquisition of City National.

## Embedded value

The sum of the value of equity held in our Insurance segment and the value of in-force business (existing policies).

## Goodwill and intangibles

Goodwill represents the excess of the price paid for the business acquired over the fair value of the net identifiable assets acquired. An intangible asset is an identifiable non-monetary asset without physical substance.

## Glossary continued

Definitions
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, rade-related contingencies and sale and repurchase agreements. Commencing Q1/15, the Asset-to-capita multiple and GAA have been replaced by with the leverage ratio and leverage ratio exposure respectively.

## Taxable equivalent basis (teb)

ncome from certain specified tax-advantaged sources is increased to a level that would make it comparable income from taxable sources. There is an offsetting adjustment in the tax provision, thereby generating he same after-tax net income. We record teb adjustments in Capital Markets and record elimination adjustments in Corporate Support.

Total trading revenue
Total trading revenue is comprised of trading related revenue recorded in Net interest income and Non-interest income.

Net impaired loans
Gross impaired loans less the associated allowance for credit losses on impaired loans by portfolio

## Ratios

## Capital ratios

The percentage of risk-adjusted assets supported by capital, using the guidelines of OSFI based on standards issued by the Bank for International Settlements and GAAP financial information.

Common Equity Tier 1 ratio
Common Equity Tier 1 (CET1) capital under Basel III comprises the highest quality of capital including common shares, retained earnings, accumulated other comprehensive income and other items. Regulatory adjustments such as goodwill and intangibles, deferred tax assets, and other components subject to threshold deductions are excluded from CET1 capital. This ratio is calculated by dividing CET1 by risk-weighted assets, in accordance with OSFI's Basel III Capital Adequacy Requirements guideline.

## Efficiency ratio

Non-interest expense as a percentage of total revenue. For adjusted efficiency ratio refer to the non-GAAP measures on page 50

## Return on assets

Net income as a percentage of average assets.
Return on risk-weighted assets
Net income as a percentage of average risk-weighted assets.

## Calculations

Assets-to-capital multiple
Total assets plus specified off balance sheet items, as defined by the Office of the Superintendent of Financial Institutions Canada (OSFI), divided by total regulatory capital

Average balances (assets, loans and acceptances, and deposits)
Calculated using methods intended to approximate the average of the daily balances for the period

## Average common equity

Calculated using methods intended to approximate the average of the daily balances for the period
For the business segments, calculated using methods intended to approximate the average of the daily attributed capital for the period.

Average earning assets
Average earning assets include interest-bearing deposits with other banks, securities, assets purchased reverse repurchase agreements and securities borrowed, loans, and excludes segregated fund net asset and other assets. The averages are based on the daily balances for the period. Commencing Q2/15, average earning assets also include cash collateral and margin deposits and exclude insurance assets

## Capital charge

Calculated by multiplying the cost of capital by the amount of average common equity. The cost of capital is a proxy for the after-tax return that we estimate to be required by shareholders for the use of their capital.

## Dividend yield

Dividends per common share divided by the average of the high and low share prices in the relevant period.
Diluted EPS
Diluted EPS is net income attributable to common shareholders divided by the average diluted shares outstanding. Both net income and number of shares outstanding have been adjusted for the impact of exchangeable shares.

## Market capitalization

End of period common shares outstanding multiplied by the closing common share price on the Toronto Stock Exchange.

Net interest margin (average assets)
Net interest income as a percentage of total average assets.
Net interest margin (average earning assets)
Net interest income as a percentage of total average earning assets.
Net write-offs
Gross write-offs less recoveries of amounts previously written off.
Operating leverage
Operating leverage The difference between our revenue growth rate and non-interest expense growth rate. For adjusted operating leverage ratio, refer to the non-GAAP measures on page 50 .

## Revenue Growth

The growth rate is calculated based on revenue in the same period a year ago. For adjusted revenue growth, refer to the non-GAAP measures on page 50

Risk-weighted assets (RWA) - Basel III
Used in the calculation of risk-based capital ratios as defined by the guidelines issued by OSFI based on Basel III effective January 1, 2013 and on the "Basel III: A global regulatory framework for more resilient banks and banking systems - December 2010 (rev June 2011)" issued by the Basel Committee on Banking Supervision (BCBS) and adopted by OSFI effective January 2013. A majority of our credit risk portfolios use IRB Approach and the remainder uses Standardized Approach for the calculation of RWA based on the total exposure (i.e. exposure at default, and counterparty risk weights). For market risk measurement we use the internal models approach for products with regulatory approval and a standardized approach for all other products. For Operational risk, we use the Standardized Approach. In addition, Basel III requires a transitional capital floor adjustment
$\frac{\text { n.a. }}{\text { Not }}$
$\frac{\text { Not }}{}$ applicable


[^0]:    ${ }^{1}$ Adjusted measures are non-GAAP measures. For further information, refer to the Key performance and non-GAAP measures section on page 50
    ${ }^{2}$ Q2/15 includes $\$ 4$ million (Q4/14-\$6 million, Q3/14-\$2 million) related to the impairment of other intangibles.
    ${ }^{3}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50

[^1]:    
    ${ }^{2}$ This measure does not have a standardized meaning under GAAP. For further information, refer to the Key performance and non-GAAP measures section on page 50 .
    ${ }^{3}$ This is a non-GAAP measure. For further information, refer to the Key performance and non-GAAP measures section on page 50.

[^2]:    ${ }^{1}$ Calculated using methods intended to approximate the average of the daily balances for the period, as applicable.
    ${ }^{2}$ Average total loans are reported net of allowance for loan losses. Average retail and wholesale balances are reported on a gross basis (before deducting allowance for loan losses).
    ${ }^{3}$ To be read in conjunction with the Segment pages.

[^3]:    Total loans and acceptances
    ${ }^{1}$ Wholesale - Real estate and related loans and acceptances
    ${ }^{2}$ Geographic information is based on residence of borrower.

[^4]:    ${ }^{2}$ Wholesale - Real estate and related provision for credit losses in Q1/16 are comprised of losses based in Canada of $\$ 10$ million, United States of $\$$ nil, and Other International of $\$$ nil.
    Geographic information is based on residence of borrowe.
    ${ }^{3}$ Includes acquired credit-impaired loans related to the acquisition of City National.

[^5]:    Geographic information is based on residence of borrower.
    ${ }^{2}$ Includes acquired credit-impaired loans related to the acquisition of City National.
    ${ }^{3}$ PCL related to the sale of impaired loans is now presented in Disposal of loans.
    ${ }^{4}$ Exchange and other movements include primarily foreign exchange translations on non-Canadian dollar denominated ACL.

[^6]:    ${ }^{1}$ Represents other on-balance sheet assets such as goodwill, other intangibles, receivables, premises and equipment.
    ${ }^{2}$ Collateral on Obligations related to assets sold under repurchase agreements and securities loaned, and off-balance sheet securities borrowing and lending.
    ${ }^{3}$ Impact of netting agreements and other valuation adjustments on derivatives and repo-style transactions.
    ${ }^{4}$ Represents commitments related to securities lending indemnifications, financial guarantees and letters of credit.

[^7]:    Comprises credit default swaps,
    Gross fair value before netting.
    Replacement cost includes the impact of netting but excludes collateral
    ${ }^{4}$ Comprises credit default swaps.

[^8]:    Business segment ROE is based on Average attributed capital. Under/(over) attribution of capital is reported in Corporate Support.
    ${ }^{2}$ We do not report ROE and RORC for Corporate Support as they are considered not meaningful.

