## Supplementary Financial Information



For the period ended July 31, 2015
(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

```
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
 Shareholders and our 2014 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. 55 of our Q3 2015 Report to Shareholders.

| Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3,783 | 3,557 | 3,631 | 3,560 | 3,647 | 3,449 | 3,460 | 3,351 | 3,392 |
| 5,045 | 5,273 | 6,013 | 4,822 | 5,343 | 4,827 | 5,000 | 4,568 | 3,784 |
| 8,828 | 8,830 | 9,644 | 8,382 | 8,990 | 8,276 | 8,460 | 7,919 | 7,176 |
| 270 | 282 | 270 | 345 | 283 | 244 | 292 | 334 | 267 |
| 656 | 493 | 1,522 | 752 | 1,009 | 830 | 982 | 878 | 263 |
| 4,635 | 4,736 | 4,620 | 4,340 | 4,602 | 4,332 | 4,387 | 4,151 | 3,999 |
| 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 2,101 | 2,285 |
| (26) | (29) | (22) | (17) | (26) | (26) | (25) | (24) | (25) |
| (50) | (47) | (40) | (44) | (55) | (52) | (62) | (61) | (63) |
| 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 2,016 | 2,197 |
| 4 | 3 | 4 | 4 | 3 | 4 | 10 | 13 | 14 |
| 2,403 | 2,429 | 2,398 | 2,276 | 2,300 | 2,127 | 2,015 | 2,029 | 2,211 |

Total revenue
Provision for credit losses (PCL)
Insurance policyholder benefits, claims and acquisition expense
Non-interest expense (NIE)
Net income
Less: Non-controlling interest
Preferred dividends
Net income available to common shareholders
Add: Dilutive impact of exchangeable shares

| $\$ 1.66$ | $\$ 1.68$ | $\$ 1.66$ | $\$ 1.57$ | $\$ 1.59$ | $\$ 1.47$ | $\$ 1.39$ | $\$ 1.40$ | $\$ 1.52$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\$ 1.66$ | $\$ 1.68$ | $\$ 1.65$ | $\$ 1.57$ | $\$ 1.59$ | $\$ 1.47$ | $\$ 1.38$ | $\$ 1.39$ | $\$ 1.51$ |
|  |  |  |  |  |  |  |  |  |
| $1,443,052$ | $1,442,078$ | $1,442,591$ | $1,442,368$ | $1,442,312$ | $1,443,115$ | $1,442,434$ | $1,440,911$ | $1,443,350$ |
| $1,449,540$ | $1,448,651$ | $1,449,419$ | $1,449,342$ | $1,449,455$ | $1,450,271$ | $1,458,742$ | $1,462,728$ | $1,465,991$ |
| $18.1 \%$ | $19.3 \%$ | $19.3 \%$ | $19.0 \%$ | $19.6 \%$ | $19.1 \%$ | $18.1 \%$ | $18.8 \%$ | $21.3 \%$ |
| $28.4 \%$ | $29.5 \%$ | $29.5 \%$ | $29.1 \%$ | $30.5 \%$ | $30.4 \%$ | $28.2 \%$ | $29.1 \%$ | $33.2 \%$ |
| $0.94 \%$ | $0.99 \%$ | $0.94 \%$ | $0.98 \%$ | $1.04 \%$ | $1.01 \%$ | $0.94 \%$ | $0.98 \%$ | $1.05 \%$ |
| $2.34 \%$ | $2.59 \%$ | $2.40 \%$ | $2.51 \%$ | $2.56 \%$ | $2.59 \%$ | $2.43 \%$ | $2.61 \%$ | $2.88 \%$ |
| $52.5 \%$ | $53.6 \%$ | $47.9 \%$ | $51.8 \%$ | $51.2 \%$ | $52.3 \%$ | $51.9 \%$ | $52.4 \%$ | $55.7 \%$ |
| $52.3 \%$ | $51.9 \%$ | $52.1 \%$ | $52.0 \%$ | $52.7 \%$ | $52.5 \%$ | $52.6 \%$ | $52.2 \%$ | $51.7 \%$ |


| 10,971 | 10,556 |
| ---: | ---: |
| 1,331 | 15,170 |
| 27,302 | 25,726 |
| 822 | 819 |
| 2,671 | 2,821 |
| 13,991 | 13,321 |
| 7,433 | 6,671 |
| $777)$ | $(77)$ |
| $(137)$ | $(169)$ |
| 7,219 | 6,425 |
| 11 | 17 |
| 7,230 | 6,442 |


|  |  |
| ---: | ---: |
| 14,116 | 13,249 |
| 19,992 | 17,433 |
| 34,108 | 30,682 |
| 1,164 | 1,237 |
| 3,573 | 2,784 |
| 17,661 | 16,214 |
| 9,004 | 8,342 |
| $(94)$ | $(98)$ |
| $(213)$ | $(253)$ |
| 8,697 | 7,991 |
| 21 | 53 |
| 8,718 | 8,044 |


| PROFITABILITY MEASURES |  |
| :--- | :--- |
| Earnings per share (EPS) | - basic |
|  | -diluted |
| Common shares outstanding (000s) ${ }^{1}$ |  |
| - average (basic) |  |
| - average (diluted) |  |
| Return on common equity (ROE) |  |
| Return on risk capital (RORC) |  |
| Return on assets |  |
| Return on RWA |  |
| Efficiency ratio |  |
| Adjusted efficiency ratio ${ }^{3}$ |  |


| KEY RATIOS |
| :--- |
| Diluted EPS growth |
|  |
| 4 |
| Revenue growth |
| Adjusted revenue growth |
|  |
| NIE growth |
| Operating leverage |
| Adjusted operating leverage ${ }^{3}$ |
| PCL on impaired loans as a o of Average net loans and acceptances |
| Net interest margin (total average assets) |
| Net interest margin (total average assets) excluding Trading Assets, Trading NII and Insurance Assets |
| Non-interest income as \% of total revenue |
| Effective tax rate |


|  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $4.4 \%$ | $14.3 \%$ | $19.6 \%$ | $12.9 \%$ | $5.3 \%$ | $17.6 \%$ | $3.0 \%$ | $12.1 \%$ | $2.0 \%$ |
| $(1.8) \%$ | $6.7 \%$ | $14.0 \%$ | $5.8 \%$ | $25.3 \%$ | $7.2 \%$ | $7.6 \%$ | $6.0 \%$ | $(5.2) \%$ |
| $1.5 \%$ | $10.6 \%$ | $6.4 \%$ | $4.9 \%$ | $13.0 \%$ | $9.3 \%$ | $4.9 \%$ | $5.9 \%$ | $5.7 \%$ |
| $0.7 \%$ | $9.3 \%$ | $5.3 \%$ | $4.6 \%$ | $15.1 \%$ | $7.9 \%$ | $8.3 \%$ | $7.7 \%$ | $11.3 \%$ |
| $(2.5) \%$ | $(2.6) \%$ | $8.7 \%$ | $1.3 \%$ | $10.2 \%$ | $(0.7) \%$ | $(0.8) \%$ | $(1.7) \%$ | $(16.5) \%$ |
| $0.8 \%$ | $1.2 \%$ | $1.1 \%$ | $0.4 \%$ | $(2.1) \%$ | $1.4 \%$ | $(3.4) \%$ | $(1.8) \%$ | $(5.6) \%$ |
| $0.23 \%$ | $0.25 \%$ | $0.24 \%$ | $0.31 \%$ | $0.26 \%$ | $0.23 \%$ | $0.27 \%$ | $0.32 \%$ | $0.26 \%$ |
| $1.44 \%$ | $1.41 \%$ | $1.39 \%$ | $1.49 \%$ | $1.60 \%$ | $1.59 \%$ | $1.56 \%$ | $1.57 \%$ | $1.56 \%$ |
| $2.07 \%$ | $2.07 \%$ | $2.15 \%$ | $2.18 \%$ | $2.27 \%$ | $2.28 \%$ | $2.30 \%$ | $2.31 \%$ | $2.34 \%$ |
| $5.1 \%$ | $5.39 \%$ | $6.3 .3 \%$ | $57.5 \%$ | $59.4 \%$ | $58.3 \%$ | $59.1 \%$ | $57.7 \%$ | $52.7 \%$ |
| $24.2 \%$ | $24.6 \%$ | $24.0 \%$ | $20.8 \%$ | $23.2 \%$ | $23.3 \%$ | $25.3 \%$ | $17.8 \%$ | $13.7 \%$ |


| $\$ 5.00$ | $\$ 4.45$ |
| ---: | ---: |
| $\$ 4.99$ | $\$ 4.43$ |
| $1,442,579$ | $1,442,615$ |
| $1,449,206$ | $1,452,868$ |
| $18.9 \%$ | $19.0 \%$ |
| $29.1 \%$ | $29.7 \%$ |
| $0.96 \%$ | $1.00 \%$ |
| $2.44 \%$ | $2.53 \%$ |
| $51.2 \%$ | $51.8 \%$ |
| $52.1 \%$ | $52.6 \%$ |$|$|  |  |
| ---: | ---: |
| $\$ 6.03$ | $\$ 5.53$ |
| $\$ 6.00$ | $\$ 5.49$ |
|  |  |
| $1,442,553$ | $1,443,735$ |
| $1,452,003$ | $1,466,529$ |
| $19.0 \%$ | $19.7 \%$ |
| $29.6 \%$ | $31.1 \%$ |
| $0.99 \%$ | $0.98 \%$ |
| $2.52 \%$ | $2.67 \%$ |
| $51.8 \%$ | $52.8 \%$ |
| $52.5 \%$ | $52.0 \%$ |

Diluted EPS growth ${ }^{4}$
Adjusted revenue growth
NIE growth
Adjusted operating leverage ${ }^{3}$
Net interest margin (total average assets
Non-interest income as \% of total revenue

## CAPITAL MEASURES - CONSOLIDATED <br> Common Equity Tier 1 capital ratio (CET1) ${ }^{2}$

Tier 1 capital ratio
Asset-to-capital multiple ${ }^{5}$
Total capital risk-weighted assets (\$ billions) ${ }^{2}$
Gross-adjusted assets (\$ billions) ${ }^{5}$
Leverage ratio - all-in basis ${ }^{5}$
Leverage ratio exposure - all-in basis (\$ billions) ${ }^{5}$

| 10.1\% | 10.0\% | 9.6\% | 9.9\% | 9.5\% | 9.7\% | 9.7\% | 9.6\% | 9.2\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11.7\% | 11.6\% | 11.0\% | 11.4\% | 11.2\% | 11.4\% | 11.5\% | 11.7\% | 11.3\% |
| 13.4\% | 13.5\% | 13.0\% | 13.4\% | 13.0\% | 13.2\% | 13.5\% | 14.0\% | 13.7\% |
| n.a. | n.a. | n.a. | 17.0x | 17.3x | 17.5X | 17.6X | 16.6X | 16.8X |
| 421.9 | 399.0 | 407.9 | 372.0 | 371.9 | 349.1 | 341.8 | 319.0 | 314.8 |
| п.a. | n.a. | п.a. | 885.0 | 867.9 | 849.8 | 850.8 | 807.0 | 792.0 |
| 4.2\% | 4.0\% | 3.8\% | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |


|  |  |
| ---: | ---: |
| $10.1 \%$ | $9.5 \%$ |
| $11.7 \%$ | $1.2 \%$ |
| $13.4 \%$ | $1.0 \%$ |
| n.a. | 17.3 X |
| 421.9 | 371.9 |
| n.a. | 867.9 |
| $4.2 \%$ | n.a. |
| 1.178 .4 | n. |


| $9.9 \%$ | $9.6 \%$ |
| ---: | ---: |
| $11.4 \%$ | $11.7 \%$ |
| $13.4 \%$ | $14.0 \%$ |
| 17.0 X | 16.6 X |
| 372.0 | 319.0 |
| 885.0 | 807.0 |
| n.a. | n.a. |
| n.a. | n.a. |


 espectively. 2015 CVA scalars are $64 \%, 71 \%$ and $77 \%$.
${ }^{3}$ Ratios and calculations have been adjusted to exclude the change in fair value backing out policyholder liabilities from revenue and revenue growth. These are non-GAAP measures. Refer to page 50 for further details.
${ }^{4}$ Growth rates are calculated based on earnings in the same period a year ago.
 regulatory measure under the Basel III framework and is not applicable for prior periods. Previously, the asset-to-capital multiple and gross adjusted assets were calculated on a Total Capital basis as per OSFI CAR Guideline while the leverage ratio is based on the Tier 1 capital.

| FINANCIAL HIGHLIGHTS continued (Millions of Canadian dollars, except otherwise noted) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders including dilutive impact of exchangeable shares | 2,403 | 2,429 | 2,398 | 2,276 | 2,300 | 2,127 | 2,015 | 2,029 | 2,211 | 7,230 | 6,442 | 8,718 | 8,044 |
| Adjustments for specified items |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Add: After-tax effect of amortization of other intangibles ${ }^{1}$ | 27 | 34 | 30 | 36 | 31 | 31 | 33 | 30 | 31 | 91 | 95 | 131 | 117 |
| RBC Investor Services restructuring charge |  |  |  |  |  |  |  |  |  |  |  |  | 31 |
| Income tax adjustment related to prior years |  |  |  |  |  |  |  | (124) | (90) |  |  |  | (214) |
| Charge related to certain individual life insurance policies |  |  |  |  |  | - |  | 118 |  |  |  |  | 118 |
| Loss on sale of RBC Jamaica |  |  |  |  | 40 |  | 60 |  |  |  | 100 | 100 |  |
| Caribbean provision related to post-employment benefits and restructuring charges Cumulative translation adiustment release |  |  |  | - | - |  | 32 | 31 |  |  | 32 | 32 | 31 |
| Cumulative translation adjustment release |  | (108) |  |  |  |  |  |  |  | (108) |  |  |  |
|  | 2,430 | 2,355 | 2,428 | 2,312 | 2,371 | 2,158 | 2,140 | 2,084 | 2,152 | 7,213 | 6,669 | 8,981 | 8,127 |
| Adjusted EPS | \$1.68 | \$1.63 | \$1.68 | \$1.60 | \$1.64 | \$1.49 | \$1.48 | \$1.44 | \$1.48 | \$4.99 | \$4.61 | \$6.21 | \$5.59 |
| Adjusted diluted EPS | \$1.68 | \$1.63 | \$1.67 | \$1.59 | \$1.64 | \$1.49 | \$1.47 | \$1.42 | \$1.47 | \$4.98 | \$4.59 | \$6.19 | \$5.54 |
| Adjusted ROE | 18.3\% | 18.7\% | 19.5\% | 19.3\% | 20.3\% | 19.4\% | 19.2\% | 19.3\% | 20.7\% | 18.8\% | 19.6\% | 19.6\% | 19.9\% |
| ECONOMIC PROFIT |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 2,101 | 2,285 | 7,433 | 6,671 | 9,004 | 8,342 |
| Non-controlling interests | (26) | (29) | (22) | (17) | (26) | (26) | (25) | (24) | (25) | (77) | (77) | (94) | (98) |
| After-tax effect of amortization of other intangibles | 27 | 30 | 30 | 30 | 29 | 31 | 33 | 30 | 31 | 87 | 93 | 123 | 117 |
| Goodwill and other intangibles impairment |  | 4 |  | ${ }^{6}$ | 2 |  |  |  |  | 4 | ${ }^{2}$ | 8 |  |
| Capital charge | $(1,244)$ | $(1,176)$ | $(1,157)$ | $(1,121)$ | $(1,107)$ | $(1,052)$ | $(1,061)$ | (972) | (942) | $(3,577)$ | $(3,220)$ | $(4,341)$ | $(3,702)$ |
| Economic profit | 1,232 | 1,331 | 1,307 | 1,231 | 1,276 | 1,154 | 1,039 | 1,135 | 1,349 | 3,870 | 3,469 | 4,700 | 4,659 |
| ADDITIONAL SHARE INFORMATION |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Common shares outstanding (000s) - end of period | 1,443,192 | 1,443,102 | 1,442,592 | 1,442,233 | 1,441,536 | 1,441,349 | 1,442,195 | 1,441,056 | 1,440,178 | 1,443,192 | 1,441,536 | 1,442,233 | 1,441,056 |
| Treasury shares held |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - preferred (000s) ${ }^{2}$ | (6) | 71 | 57 | 1 | (57) | 11 | (2) | 47 | (17) | (6) | (57) | 1 | 47 |
| - common (000s) ${ }^{2}$ | 479 | $(1,357)$ | (742) | 892 | 118 | 1,097 | 556 | 666 | (107) | 479 | 118 | 892 | 666 |
| Stock options outstanding (000s) | 8,414 | 8,504 | 9,023 | 8,579 | 9,276 | 9,635 | 10,170 | 10,604 | 11,482 | 8,414 | 9,276 | 8,579 | 10,604 |
| Stock options exercisable (000s) | 5,463 | 5,553 | 6,062 | 4,987 | 5,684 | 6,035 | 6,571 | 5,711 | 6,588 | 5,463 | 5,684 | 4,987 | 5,711 |
| Dividends declared per common share | \$0.77 | \$0.77 | \$0.75 | \$0.75 | \$0.71 | \$0.71 | \$0.67 | \$0.67 | \$0.63 | \$2.29 | \$2.09 | \$2.84 | \$2.53 |
| Dividend yield | 4.0\% | 4.0\% | 3.9\% | 3.8\% | 3.7\% | 4.0\% | 3.8\% | 4.0\% | 4.1\% | 3.9\% | 3.7\% | 3.8\% | 4.0\% |
| Dividend payout ratio | 46\% | 46\% | 45\% | 48\% | 45\% | 48\% | 48\% | 48\% | 41\% | 46\% | 47\% | 47\% | 46\% |
| Common dividends | 1,110 | 1,111 | 1,081 | 1,081 | 1,025 | 1,025 | 966 | 965 | 908 | 3,302 | 3,016 | 4,097 | 3,651 |
| Preferred dividends | 50 | 47 | 40 | 44 | 55 | 52 | 62 | 61 | 63 | 137 | 169 | 213 | 253 |
| Book value per share | \$38.20 | \$35.91 | \$35.59 | \$33.69 | \$32.58 | \$31.85 | \$31.29 | \$29.87 | \$29.05 | \$38.20 | \$32.58 | \$33.69 | \$29.87 |
| Common share price (RY on TSX) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - High | \$80.85 | \$81.53 | \$83.87 | \$83.20 | \$81.24 | \$73.69 | \$73.36 | \$70.76 | \$65.66 | \$83.87 | \$81.24 | \$83.20 | \$70.76 |
| - Low | \$72.98 | \$72.16 | \$71.74 | \$75.25 | \$72.40 | \$67.65 | \$67.80 | \$63.07 | \$58.55 | \$71.74 | \$67.65 | \$67.65 | \$54.51 |
| - Close, end of period | \$76.26 | \$80.11 | \$71.74 | \$80.01 | \$80.47 | \$73.15 | \$68.93 | \$70.02 | \$64.16 | \$76.26 | \$80.47 | \$80.01 | \$70.02 |
| Market capitalization (TSX) | 110,058 | 115,607 | 103,492 | 115,393 | 116,000 | 105,435 | 99,411 | 100,903 | 92,402 | 110,058 | 116,000 | 115,393 | 100,903 |
| Market price to book value | 2.00 | 2.23 | 2.02 | 2.38 | 2.47 | 2.30 | 2.20 | 2.34 | 2.21 | 2.00 | 2.47 | 2.38 | 2.34 |

${ }^{1}$ Q2/15 includes $\$ 4$ million (Q4/14-\$6 million, Q3/14 - $\$ 2$ million) related to the impairment of other intangibles. ${ }^{2}$ Presentation of the number of treasury preferred and common shares has been revised.

| FINANCIAL HIGHLIGHTS continued (Millions of Canadian dollars, except otherwise noted) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SELECTED BALANCE SHEET INFORMATION |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Average loans and acceptances | 469,700 | 460,900 | 454,300 | 444,300 | 435,500 | 428,900 | 423,300 | 416,800 | 410,200 | 461,700 | 429,300 | 433,000 | 405,700 |
| Total assets | 1,085,173 | 1,032,172 | 1,086,695 | 940,550 | 913,870 | 895,896 | 904,717 | 859,745 | 850,073 | 1,085,173 | 913,870 | 940,550 | 859,745 |
| Average assets | 1,043,900 | 1,038,000 | 1,032,900 | 948,300 | 904,200 | 891,900 | 881,200 | 848,400 | 863,300 | 1,038,300 | 892,400 | 906,500 | 852,000 |
| Average earning assets | 874,700 | 851,700 | 827,300 | 785,000 | 762,400 | 750,900 | 739,800 | 711,400 | 717,000 | 852,600 | 751,000 | 759,600 | 703,700 |
| Deposits | 694,236 | 651,551 | 654,707 | 614,100 | 601,691 | 590,959 | 594,444 | 563,079 | 550,138 | 694,236 | 601,691 | 614,100 | 563,079 |
| Common equity | 55,153 | 51,779 | 51,314 | 48,615 | 46,965 | 45,933 | 45,136 | 43,064 | 41,829 | 55,153 | 46,965 | 48,615 | 43,064 |
| Average common equity | 52,600 | 51,500 | 49,250 | 47,450 | 46,400 | 45,550 | 44,050 | 42,500 | 41,000 | 51,100 | 45,300 | 45,700 | 40,600 |
| OTHER INFORMATION |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada | 54,507 | 53,509 | 53,414 | 53,426 | 54,094 | 53,212 | 52,982 | 52,961 | 53,550 | 54,507 | 54,094 | 53,426 | 52,961 |
| US | 7,894 | 7,675 | 7,731 | 7,768 | 7,946 | 7,719 | 7,698 | 7,699 | 7,864 | 7,894 | 7,946 | 7,768 | 7,699 |
| Other | 11,813 | 11,952 | 12,187 | 12,304 | 12,502 | 13,132 | 13,437 | 13,587 | 13,962 | 11,813 | 12,502 | 12,304 | 13,587 |
| Total | 74,214 | 73,136 | 73,332 | 73,498 | 74,542 | 74,063 | 74,117 | 74,247 | 75,376 | 74,214 | 74,542 | 73,498 | 74,247 |
| Number of banking branches |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canada | 1,273 | 1,273 | 1,271 | 1,272 | 1,266 | 1,264 | 1,259 | 1,255 | 1,250 | 1,273 | 1,266 | 1,272 | 1,255 |
| Other | 81 | 88 | 94 | 94 | 98 | 115 | 117 | 117 | 118 | 81 | 98 | 94 | 117 |
| Total | 1,354 | 1,361 | 1,365 | 1,366 | 1,364 | 1,379 | 1,376 | 1,372 | 1,368 | 1,354 | 1,364 | 1,366 | 1,372 |
| Number of automated teller machines (ATM) | 4,892 | 4,913 | 4,913 | 4,929 | 4,940 | 4,972 | 4,979 | 4,973 | 5,043 | 4,892 | 4,940 | 4,929 | 4,973 |
| MARKET RISK MEASURES - Non Trading Banking Activities Before-tax impact of $1 \%$ increase in rates on: |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income risk ${ }^{1}$ | 337 | 357 |  | 414 | 394 | 397 | 467 | 391 | 439 | 337 | 394 | 414 | 391 |
| Economic value of equity | (893) | (877) | (872) | (916) | (827) | (692) | (483) | (540) | (502) | (893) | (827) | (916) | (540) |
| Before-tax impact of 1\% decrease in rates on: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income risk ${ }^{1}$ | (319) | (353) | (330) | (348) | (321) | (358) | (318) | (303) | (311) | (319) | (321) | (348) | (303) |
| Economic value of equity | 566 | 622 | 656 | 754 | 685 | 568 | 406 | 446 | 375 | 566 | 685 | 754 | 446 |

Amounts represent the 12 -month Net interest exposure to an instantaneous and sustained shift in interest rates.

| STATEMENTS OF INCOME (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest income | 5,755 | 5,557 | 5,702 | 5,476 | 5,673 | 5,420 | 5,450 | 5,391 | 5,349 | 17,014 | 16,543 | 22,019 | 21,148 |
| Interest expense | 1,972 | 2,000 | 2,071 | 1,916 | 2,026 | 1,971 | 1,990 | 2,040 | 1,957 | 6,043 | 5,987 | 7,903 | 7,899 |
| Total | 3,783 | 3,557 | 3,631 | 3,560 | 3,647 | 3,449 | 3,460 | 3,351 | 3,392 | 10,971 | 10,556 | 14,116 | 13,249 |
| Non-interest income |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other payment services | 105 | 99 | 95 | 100 | 97 | 88 | 89 | 90 | 88 | 299 | 274 | 374 | 342 |
| Service charges | 405 | 391 | 392 | 386 | 380 | 364 | 364 | 368 | 361 | 1,188 | 1,108 | 1,494 | 1,437 |
| Insurance premiums, investment and fee income | 1,021 | 806 | 1,892 | 1,167 | 1,383 | 1,125 | 1,282 | 1,083 | 561 | 3,719 | 3,790 | 4,957 | 3,911 |
| Trading revenue | 56 | 359 | 340 | (153) | 285 | 300 | 310 | 260 | 100 | 755 | 895 | 742 | 867 |
| Investment management and custodial fees | 966 | 943 | 927 | 886 | 838 | 819 | 812 | 759 | 732 | 2,836 | 2,469 | 3,355 | 2,870 |
| Mutual fund revenue | 739 | 716 | 695 | 691 | 671 | 624 | 635 | 576 | 574 | 2,150 | 1,930 | 2,621 | 2,201 |
| Securities brokerage commissions | 358 | 361 | 365 | 347 | 340 | 351 | 341 | 334 | 346 | 1,084 | 1,032 | 1,379 | 1,337 |
| Underwriting and other advisory fees | 531 | 559 | 445 | 428 | 552 | 428 | 401 | 394 | 305 | 1,535 | 1,381 | 1,809 | 1,569 |
| Foreign exchange revenue, other than trading | 137 | 301 | 154 | 207 | 215 | 237 | 168 | 187 | 200 | 592 | 620 | 827 | 748 |
| Card service revenue | 209 | 192 | 204 | 180 | 181 | 153 | 175 | 145 | 166 | 605 | 509 | 689 | 632 |
| Credit fees | 320 | 311 | 245 | 239 | 317 | 237 | 287 | 320 | 240 | 876 | 841 | 1,080 | 1,092 |
| Net gain (loss) on available-for-sale securities | 42 | 42 | 27 | 62 | 36 | 71 | 23 | 51 | 27 | 111 | 130 | 192 | 188 |
| Share of profit (loss) in joint ventures and associates | 28 | 39 | 42 | 34 | 44 | 40 | 44 | 32 | 43 | 109 | 128 | 162 | 159 |
| Other | 233 | 253 | 285 | 348 | 101 | 78 | 158 | 59 | 129 | 771 | 337 | 685 | 422 |
| Total | 5,045 | 5,273 | 6,013 | 4,822 | 5,343 | 4,827 | 5,000 | 4,568 | 3,784 | 16,331 | 15,170 | 19,992 | 17,433 |
| Total revenue | 8,828 | 8,830 | 9,644 | 8,382 | 8,990 | 8,276 | 8,460 | 7,919 | 7,176 | 27,302 | 25,726 | 34,108 | 30,682 |
| Provision for credit losses | 270 | 282 | 270 | 345 | 283 | 244 | 292 | 334 | 267 | 822 | 819 | 1,164 | 1,237 |
| Insurance policyholder benefits, claims and acquisition expense | 656 | 493 | 1,522 | 752 | 1,009 | 830 | 982 | 878 | 263 | 2,671 | 2,821 | 3,573 | 2,784 |
| Non-interest expense | 4,635 | 4,736 | 4,620 | 4,340 | 4,602 | 4,332 | 4,387 | 4,151 | 3,999 | 13,991 | 13,321 | 17,661 | 16,214 |
| Net income before income taxes | 3,267 | 3,319 | 3,232 | 2,945 | 3,096 | 2,870 | 2,799 | 2,556 | 2,647 | 9,818 | 8,765 | 11,710 | 10,447 |
| Income taxes | 792 | 817 | 776 | 612 | 718 | 669 | 707 | 455 | 362 | 2,385 | 2,094 | 2,706 | 2,105 |
| Net income | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 2,101 | 2,285 | 7,433 | 6,671 | 9,004 | 8,342 |
| Net income (loss) attributable to: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shareholders | 2,449 | 2,473 | 2,434 | 2,316 | 2,352 | 2,175 | 2,067 | 2,077 | 2,260 | 7,356 | 6,594 | 8,910 | 8,244 |
| Non-controlling interests ( NCl ) | 26 | 29 | 22 | 17 | 26 | 26 | 25 | 24 | 25 | 77 | 77 | 94 | 98 |
| Net income | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 2,101 | 2,285 | 7,433 | 6,671 | 9,004 | 8,342 |
| Net income | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 2,101 | 2,285 | 7,433 | 6,671 | 9,004 | 8,342 |
| Non-controlling interests | (26) | (29) | (22) | (17) | (26) | (26) | (25) | (24) | (25) | (77) | (77) | (94) | (98) |
| Preferred dividends | (50) | (47) | (40) | (44) | (55) | (52) | (62) | (61) | (63) | (137) | (169) | (213) | (253) |
| Net income available to common shareholders | 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 2,016 | 2,197 | 7,219 | 6,425 | 8,697 | 7,991 |


| REVENUE FROM TRADING ACTIVITIES (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total trading revenue |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 623 | 595 | 540 | 524 | 578 | 498 | 429 | 390 | 418 | 1,758 | 1,505 | 2,029 | 1,661 |
| Non-interest income ${ }^{1}$ | 56 | 359 | 340 | (153) | 285 | 300 | 310 | 260 | 100 | 755 | 895 | 742 | 867 |
| Total | 679 | 954 | 880 | 371 | 863 | 798 | 739 | 650 | 518 | 2,513 | 2,400 | 2,771 | 2,528 |
| Trading revenue by product |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest rate and credit | 358 | 498 | 382 | 120 | 524 | 459 | 457 | 406 | 284 | 1,238 | 1,440 | 1,560 | 1,611 |
| Equities | 206 | 316 | 349 | 136 | 251 | 259 | 168 | 173 | 147 | 871 | 678 | 814 | 594 |
| Foreign exchange and commodities | 115 | 140 | 149 | 115 | 88 | 80 | 114 | 71 | 87 | 404 | 282 | 397 | 323 |
| Total | 679 | 954 | 880 | 371 | 863 | 798 | 739 | 650 | 518 | 2,513 | 2,400 | 2,771 | 2,528 |
| Trading revenue (teb) by product |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest rate and credit | 358 | 498 | 382 | 120 | 524 | 459 | 457 | 406 | 284 | 1,238 | 1,440 | 1,560 | 1,611 |
| Equities | 339 | 430 | 458 | 236 | 426 | 380 | 263 | 267 | 241 | 1,227 | 1,069 | 1,305 | 972 |
| Foreign exchange and commodities | 115 | 140 | 149 | 115 | 88 | 80 | 114 | 71 | 87 | 404 | 282 | 397 | 323 |
| Total (teb) | 812 | 1,068 | 989 | 471 | 1,038 | 919 | 834 | 744 | 612 | 2,869 | 2,791 | 3,262 | 2,906 |
| Trading revenue (teb) by product - Capital Markets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Interest rate and credit | 315 | 431 | 311 | 62 | 446 | 392 | 393 | 341 | 231 | 1,057 | 1,231 | 1,293 | 1,350 |
| Equities | 339 | 426 | 435 | 234 | 414 | 352 | 244 | 261 | 232 | 1,200 | 1,010 | 1,244 | 942 |
| Foreign exchange and commodities | 82 | 108 | 109 | 96 | 75 | 66 | 96 | 59 | 80 | 299 | 237 | 333 | 286 |
| Total (teb) | 736 | 965 | 855 | 392 | 935 | 810 | 733 | 661 | 543 | 2,556 | 2,478 | 2,870 | 2,578 |
| Trading revenue (teb) - Investor \& Treasury Services | 44 | 58 | 76 | 47 | 51 | 43 | 50 | 41 | 25 | 178 | 144 | 191 | 163 |

[^0]| NON-INTEREST EXPENSE (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Human resources |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Salaries | 1,309 | 1,273 | 1,267 | 1,233 | 1,216 | 1,185 | 1,200 | 1,167 | 1,162 | 3,849 | 3,601 | 4,834 | 4,604 |
| Variable compensation | 1,133 | 1,264 | 1,181 | 923 | 1,253 | 1,104 | 1,108 | 958 | 921 | 3,578 | 3,465 | 4,388 | 3,924 |
| Benefits and retention compensation | 399 | 421 | 432 | 361 | 373 | 396 | 431 | 358 | 362 | 1,252 | 1,200 | 1,561 | 1,464 |
| Stock-based compensation ${ }^{1}$ | 49 | 38 | 135 | 64 | 24 | 49 | 111 | 47 | 52 | 222 | 184 | 248 | 256 |
| Total Human resources | 2,890 | 2,996 | 3,015 | 2,581 | 2,866 | 2,734 | 2,850 | 2,530 | 2,497 | 8,901 | 8,450 | 11,031 | 10,248 |
| Equipment |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Depreciation | 55 | 53 | 54 | 53 | 52 | 51 | 51 | 52 | 49 | 162 | 154 | 207 | 195 |
| Computer rental and maintenance | 268 | 253 | 238 | 228 | 231 | 231 | 229 | 232 | 224 | 759 | 691 | 919 | 868 |
| Office equipment rental and maintenance | 4 | 5 | 5 | 7 | 4 | 6 | 4 | 5 | 4 | 14 | 14 | 21 | 18 |
| Total Equipment | 327 | 311 | 297 | 288 | 287 | 288 | 284 | 289 | 277 | 935 | 859 | 1,147 | 1,081 |
| Occupancy |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Premises rent | 153 | 132 | 145 | 132 | 134 | 135 | 130 | 134 | 130 | 430 | 399 | 531 | 507 |
| Premises repairs and maintenance | 89 | 114 | 87 | 100 | 113 | 94 | 94 | 93 | 87 | 290 | 301 | 401 | 359 |
| Depreciation | 72 | 81 | 73 | 79 | 73 | 72 | 68 | 67 | 61 | 226 | 213 | 292 | 250 |
| Property taxes | 37 | 29 | 30 | 22 | 30 | 30 | 24 | 30 | 28 | 96 | 84 | 106 | 119 |
| Total Occupancy | 351 | 356 | 335 | 333 | 350 | 331 | 316 | 324 | 306 | 1,042 | 997 | 1,330 | 1,235 |
| Communications |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Telecommunications | 42 | 39 | 40 | 41 | 33 | 39 | 41 | 41 | 44 | 121 | 113 | 154 | 167 |
| Postage and courier | 41 | 54 | 41 | 40 | 42 | 48 | 40 | 40 | 41 | 136 | 130 | 170 | 172 |
| Marketing and public relations | 110 | 113 | 98 | 154 | 114 | 103 | 71 | 124 | 94 | 321 | 288 | 442 | 375 |
| Stationery and printing | 20 | 18 | 19 | 24 | 18 | 21 | 18 | 20 | 24 | 57 | 57 | 81 | 82 |
| Total Communications | 213 | 224 | 198 | 259 | 207 | 211 | 170 | 225 | 203 | 635 | 588 | 847 | 796 |
| Professional fees | 223 | 204 | 198 | 263 | 178 | 162 | 160 | 222 | 189 | 625 | 500 | 763 | 753 |
| Amortization of other intangibles |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Computer software | 145 | 142 | 138 | 141 | 135 | 127 | 117 | 111 | 109 | 425 | 379 | 520 | 427 |
| Other | 35 | 36 | 36 | 35 | 36 | 36 | 39 | 36 | 36 | 107 | 111 | 146 | 139 |
| Total Amortization of other intangibles | 180 | 178 | 174 | 176 | 171 | 163 | 156 | 147 | 145 | 532 | 490 | 666 | 566 |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Business and capital taxes | 26 | 30 | 27 | 31 | 31 | 6 | 26 | 35 | 30 | 83 | 63 | 94 | 110 |
| Travel and relocation | 53 | 51 | 43 | 52 | 49 | 45 | 40 | 46 | 48 | 147 | 134 | 186 | 172 |
| Employee training | 13 | 12 | 9 | 16 | 11 | 10 | 9 | 14 | 10 | 34 | 30 | 46 | 41 |
| Donations | 19 | 18 | 15 | 22 | 21 | 12 | 15 | 23 | 20 | 52 | 48 | 70 | 68 |
| Outsourced item processing | 44 | 44 | 43 | 41 | 43 | 48 | 46 | 45 | 45 | 131 | 137 | 178 | 182 |
| Impairment of other intangibles | (1) | 6 | 1 | 6 | 2 | - | - | 10 | - | 6 | 2 | 8 | 10 |
| Impairment of investments in joint ventures and associates | 5 | 9 | 6 | (17) |  | 6 | 6 | - | 8 | 20 | 17 | - | 20 |
| Other | 292 | 297 | 259 | 289 | 381 | 316 | 309 | 241 | 221 | 848 | 1,006 | 1,295 | 932 |
| Total Other | 451 | 467 | 403 | 440 | 543 | 443 | 451 | 414 | 382 | 1,321 | 1,437 | 1,877 | 1,535 |
| Total non-interest expense | 4,635 | 4,736 | 4,620 | 4,340 | 4,602 | 4,332 | 4,387 | 4,151 | 3,999 | 13,991 | 13,321 | 17,661 | 16,214 |

${ }^{1}$ 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 ${ }^{1}$ (Millions of Canadian dollars, except percentage amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 2,543 | 2,399 | 2,493 | 2,447 | 2,475 | 2,378 | 2,443 | 2,405 | 2,445 | 7,435 | 7,296 | 9,743 | 9,434 |
| Non-interest income | 1,083 | 1,073 | 1,073 | 1,104 | 987 | 928 | 968 | 903 | 927 | 3,229 | 2,883 | 3,987 | 3,585 |
| Total revenue | 3,626 | 3,472 | 3,566 | 3,551 | 3,462 | 3,306 | 3,411 | 3,308 | 3,372 | 10,664 | 10,179 | 13,730 | 13,019 |
| Provision for credit losses (PCL) | 257 | 235 | 252 | 314 | 284 | 231 | 274 | 275 | 226 | 744 | 789 | 1,103 | 995 |
| Non-interest expense | 1,648 | 1,618 | 1,628 | 1,686 | 1,632 | 1,572 | 1,673 | 1,602 | 1,586 | 4,894 | 4,877 | 6,563 | 6,168 |
| Income taxes | 440 | 419 | 431 | 400 | 408 | 388 | 393 | 361 | 393 | 1,290 | 1,189 | 1,589 | 1,476 |
| Net income | 1,281 | 1,200 | 1,255 | 1,151 | 1,138 | 1,115 | 1,071 | 1,070 | 1,167 | 3,736 | 3,324 | 4,475 | 4,380 |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Personal Financial Services | 1,949 | 1,843 | 1,886 | 1,843 | 1,857 | 1,780 | 1,805 | 1,776 | 1,812 | 5,678 | 5,442 | 7,285 | 6,948 |
| Business Financial Services | 780 | 745 | 792 | 869 | 771 | 737 | 758 | 750 | 781 | 2,317 | 2,266 | 3,135 | 2,990 |
| Cards and Payment Solutions | 661 | 656 | 658 | 634 | 624 | 576 | 615 | 583 | 579 | 1,975 | 1,815 | 2,449 | 2,282 |
| Canadian Banking | 3,390 | 3,244 | 3,336 | 3,346 | 3,252 | 3,093 | 3,178 | 3,109 | 3,172 | 9,970 | 9,523 | 12,869 | 12,220 |
| Caribbean \& U.S. Banking | 236 | 228 | 230 | 205 | 210 | 213 | 233 | 199 | 200 | 694 | 656 | 861 | 799 |
| Total | 3,626 | 3,472 | 3,566 | 3,551 | 3,462 | 3,306 | 3,411 | 3,308 | 3,372 | 10,664 | 10,179 | 13,730 | 13,019 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) | 30.3\% | 29.7\% | $30.8 \%$ | 28.3\% | 29.4\% | 30.5\% | 27.7\% | 27.5\% | $31.2 \%$ | 30.3\% | 29.2\% | 29.0\% | 30.5\% |
| Return on risk capital (RORC) | 42.7\% | 42.2 \% | 43.8 \% | 40.0\% | 42.4 \% | 44.4\% | 40.3\% | 39.8 \% | 45.7 \% | 42.9\% | 42.3\% | 41.7\% | 44.5 \% |
| Net interest margin (average earning assets) | 2.72 \% | 2.70\% | 2.73\% | 2.71 \% | 2.79 \% | $2.80 \%$ | 2.79 \% | 2.76 \% | $2.83 \%$ | 2.71 \% | 2.79 \% | 2.77\% | 2.78 \% |
| Efficiency ratio | 45.4 \% | 46.6\% | 45.7 \% | 47.5\% | 47.1\% | 47.5\% | 49.0\% | 48.4 \% | $47.0 \%$ | 45.9 \% | $47.9 \%$ | 47.8\% | 47.4\% |
| Operating leverage | 3.8\% | 2.1\% | 7.2\% | 2.1\% | (0.2)\% | 0.7\% | (6.6)\% | (2.7)\% | (3.4)\% | 4.4\% | (2.0)\% | (0.9)\% | (1.3)\% |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets ${ }^{2}$ | 388,100 | 381,900 | 379,100 | 374,100 | 368,500 | 364,900 | 364,100 | 361,600 | 358,300 | 383,100 | 365,800 | 367,900 | 354,300 |
| Total earning assets | 370,700 | 365,100 | 362,300 | 357,600 | 352,500 | 347,800 | 347,200 | 345,800 | 342,300 | 366,200 | 349,200 | 351,300 | 338,700 |
| Loans and acceptances ${ }^{2}$ | 369,100 | 363,800 | 361,500 | 357,200 | 351,500 | 347,700 | 346,400 | 344,200 | 340,600 | 364,800 | 348,500 | 350,700 | 336,800 |
| Deposits | 299,200 | 294,400 | 293,700 | 285,200 | 279,100 | 275,800 | 275,100 | 268,200 | 264,400 | 295,800 | 276,700 | 278,800 | 262,200 |
| Attributed capital | 16,550 | 16,300 | 16,000 | 16,000 | 15,100 | 14,750 | 15,000 | 15,100 | 14,550 | 16,300 | 14,950 | 15,200 | 14,050 |
| Risk capital | 11,750 | 11,450 | 11,250 | 11,350 | 10,450 | 10,100 | 10,300 | 10,450 | 9,900 | 11,500 | 10,300 | 10,550 | 9,650 |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross impaired loans / Average net loans and acceptances ${ }^{2}$ | 0.52\% | 0.52\% | 0.54\% | 0.54\% | 0.55\% | 0.55\% | 0.54\% | 0.54\% | 0.53\% | 0.53\% | 0.55 \% | 0.55\% | 0.55\% |
| PCL / Average net loans and acceptances | 0.28 \% | 0.26\% | 0.28\% | 0.35\% | 0.32\% | 0.27\% | $0.31 \%$ | $0.32 \%$ | $0.26 \%$ | 0.27\% | 0.30\% | 0.31 \% | $0.30 \%$ |
| Net write-offs / Average net loans and acceptances | 0.28 \% | 0.27\% | 0.28\% | $0.26 \%$ | 0.26\% | 0.27\% | 0.26 \% | 0.29\% | $0.28 \%$ | 0.27\% | 0.26\% | 0.26 \% | 0.28 \% |
| Business information |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration ${ }^{3}$ | 227,900 | 226,700 | 221,400 | 214,200 | 213,600 | 207,400 | 198,400 | 192,200 | 185,800 | 227,900 | 213,600 | 214,200 | 192,200 |
| Assets under management | 4,700 | 4,400 | 4,500 | 4,000 | 3,800 | 3,700 | 3,700 | 3,400 | 3,300 | 4,700 | 3,800 | 4,000 | 3,400 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 1,281 | 1,200 | 1,255 | 1,151 | 1,138 | 1,115 | 1,071 | 1,070 | 1,167 | 3,736 | 3,324 | 4,475 | 4,380 |
| Non-controlling interests | (1) | (5) |  | 7 | (2) | (2) | (2) | (1) | (2) | (6) | (6) | 1 | (4) |
| Add: After-tax effect of amortization of other intangibles | 4 | 8 | 7 | 6 | 7 | 7 | 7 | 8 | 7 | 19 | 21 | 27 | 26 |
| Adjusted net income | 1,284 | 1,203 | 1,262 | 1,164 | 1,143 | 1,120 | 1,076 | 1,077 | 1,172 | 3,749 | 3,339 | 4,503 | 4,402 |
| Less: Capital charge | 392 | 372 | 376 | 378 | 360 | 342 | 359 | 349 | 334 | 1,140 | 1,061 | 1,439 | 1,285 |
| Economic profit | 892 | 831 | 886 | 786 | 783 | 778 | 717 | 728 | 838 | 2,609 | 2,278 | 3,064 | 3,117 |


$\$ 52.0$ billion and $\$ 8.3$ billion respectively). Securitized residential mortgage and credit card loans are included in Total assets, Total earning assets and Loans and acceptances.
${ }^{2}$ Amounts have been revised from those previously presented.
${ }^{3}$ AUA represents period-end spot balances and includes securitized residential mortgages and credit card loans as at July 31, 2015 of $\$ 21.7$ billion and $\$ 8.4$ billion, respectively (April $30,2015-\$ 22.5$ billion and $\$ 7.9$ billion; July $31,2014-\$ 23.1$ billion and $\$ 8.3$ billion).

| CANADIAN BANKING ${ }^{1}$ <br> (Millions of Canadian dollars, except percentage amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 2,381 | 2,248 | 2,341 | 2,305 | 2,331 | 2,236 | 2,296 | 2,265 | 2,303 | 6,970 | 6,863 | 9,168 | 8,875 |
| Non-interest income | 1,009 | 996 | 995 | 1,041 | 921 | 857 | 882 | 844 | 869 | 3,000 | 2,660 | 3,701 | 3,345 |
| Total revenue | 3,390 | 3,244 | 3,336 | 3,346 | 3,252 | 3,093 | 3,178 | 3,109 | 3,172 | 9,970 | 9,523 | 12,869 | 12,220 |
| Provision for credit losses (PCL) | 238 | 212 | 234 | 236 | 230 | 204 | 258 | 249 | 213 | 684 | 692 | 928 | 908 |
| Non-interest expense | 1,476 | 1,426 | 1,460 | 1,479 | 1,426 | 1,392 | 1,390 | 1,398 | 1,414 | 4,362 | 4,208 | 5,687 | 5,464 |
| Income taxes | 437 | 415 | 422 | 421 | 411 | 387 | 393 | 375 | 394 | 1,274 | 1,191 | 1,612 | 1,496 |
| Net income | 1,239 | 1,191 | 1,220 | 1,210 | 1,185 | 1,110 | 1,137 | 1,087 | 1,151 | 3,650 | 3,432 | 4,642 | 4,352 |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Personal Financial Services | 1,949 | 1,843 | 1,886 | 1,843 | 1,857 | 1,780 | 1,805 | 1,776 | 1,812 | 5,678 | 5,442 | 7,285 | 6,948 |
| Business Financial Services | 780 | 745 | 792 | 869 | 771 | 737 | 758 | 750 | 781 | 2,317 | 2,266 | 3,135 | 2,990 |
| Cards and Payment Solutions | 661 | 656 | 658 | 634 | 624 | 576 | 615 | 583 | 579 | 1,975 | 1,815 | 2,449 | 2,282 |
| Total | 3,390 | 3,244 | 3,336 | 3,346 | 3,252 | 3,093 | 3,178 | 3,109 | 3,172 | 9,970 | 9,523 | 12,869 | 12,220 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on risk capital (RORC) | 46.8 \% | 47.8\% | 47.8\% | 46.5 \% | 49.5\% | 50.1 \% | 48.7\% | 45.4\% | 50.3\% | 47.5\% | 49.5\% | 48.7\% | 49.4\% |
| Net interest margin (average earning assets) | 2.66 \% | 2.64 \% | 2.68 \% | 2.66 \% | 2.73 \% | 2.74 \% | 2.73\% | 2.70 \% | 2.77 \% | 2.66 \% | $2.73 \%$ | 2.71 \% | 2.72 \% |
| Efficiency ratio | 43.5 \% | 44.0\% | 43.8 \% | 44.2 \% | 43.8\% | 45.0 \% | 43.7 \% | $45.0 \%$ | 44.6\% | 43.8 \% | 44.2 \% | 44.2\% | 44.7 \% |
| Operating leverage | 0.7\% | 2.4\% | 0.0\% | 1.8\% | 1.7\% | 0.9\% | 0.5\% | 0.0\% | (4.0)\% | 1.0\% | 1.0\% | 1.2\% | (0.6)\% |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets ${ }^{2}$ | 366,500 | 360,900 | 359,300 | 355,700 | 350,200 | 346,300 | 345,800 | 344,000 | 340,700 | 362,200 | 347,500 | 349,500 | 337,000 |
| Total earning assets | 354,600 | 349,000 | 347,000 | 343,400 | 339,000 | 334,900 | 334,200 | 333,200 | 329,800 | 350,400 | 336,100 | 337,900 | 326,400 |
| Loans and acceptances ${ }^{2}$ | 360,300 | 354,700 | 352,900 | 349,400 | 344,000 | 340,200 | 338,600 | 336,700 | 333,200 | 356,000 | 340,900 | 343,100 | 329,400 |
| Residential mortgages ${ }^{2}$ | 203,300 | 199,200 | 197,700 | 195,000 | 190,900 | 188,800 | 188,400 | 187,100 | 183,600 | 200,100 | 189,400 | 190,800 | 182,900 |
| Personal ${ }^{3}$ | 83,700 | 84,000 | 85,200 | 85,700 | 85,500 | 85,100 | 85,000 | 85,100 | 85,300 | 84,300 | 85,200 | 85,400 | 83,600 |
| Credit cards | 15,200 | 14,700 | 14,900 | 14,600 | 14,200 | 13,700 | 14,100 | 13,800 | 13,600 | 14,900 | 14,000 | 14,100 | 13,600 |
| Small business ${ }^{2}$ | 4,000 | 4,000 | 4,000 | 4,100 | 4,000 | 4,000 | 4,000 | 4,000 | 4,100 | 4,000 | 4,000 | 4,000 | 3,700 |
| Total retail ${ }^{2}$ | 306,200 | 301,900 | 301,800 | 299,400 | 294,600 | 291,600 | 291,500 | 290,000 | 286,600 | 303,300 | 292,600 | 294,300 | 283,800 |
| Wholesale ${ }^{2}$ | 54,100 | 52,800 | 51,100 | 50,000 | 49,400 | 48,600 | 47,100 | 46,700 | 46,600 | 52,700 | 48,300 | 48,800 | 45,600 |
| Personal deposits ${ }^{2}$ | 165,700 | 164,100 | 163,000 | 160,800 | 159,200 | 158,100 | 156,900 | 155,200 | 153,000 | 164,300 | 158,100 | 158,800 | 152,100 |
| Business deposits ${ }^{2}$ | 116,300 | 112,900 | 114,000 | 108,900 | 104,900 | 102,500 | 102,900 | 98,400 | 96,900 | 114,400 | 103,400 | 104,800 | 96,000 |
| Attributed capital | 13,300 | 13,050 | 13,000 | 13,150 | 12,300 | 11,950 | 12,100 | 12,350 | 11,850 | 13,100 | 12,100 | 12,400 | 11,400 |
| Risk capital | 10,400 | 10,100 | 10,050 | 10,200 | 9,350 | 9,000 | 9,100 | 9,350 | 8,950 | 10,200 | 9,150 | 9,400 | 8,650 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross impaired loans / Average net loans and acceptances | 0.31 \% | 0.32\% | 0.31 \% |  | 0.33\% | $0.36 \%$ | 0.35\% | 0.35 \% | 0.33\% | 0.31 \% | 0.34\% | 0.33\% | 0.36\% |
| PCL / Average net loans and acceptances ${ }^{2}$ | 0.26 \% | 0.25 \% | 0.26\% | 0.27 \% | $0.26 \%$ | 0.25\% | 0.30\% | $0.29 \%$ | 0.25 \% | $0.26 \%$ | $0.27 \%$ | 0.27\% | $0.28 \%$ |
| Net write-offs / Average net loans and acceptances | 0.25\% | 0.25\% | 0.25\% | 0.26\% | 0.25\% | 0.26 \% | 0.25\% | 0.28 \% | 0.26\% | 0.25\% | 0.25\% | 0.25\% | $0.26 \%$ |
| Business information |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration ${ }^{4}$ | 217,700 | 216,900 | 211,100 | 205,200 | 204,300 | 198,400 | 189,200 | 183,600 | 177,300 | 217,700 | 204,300 | 205,200 | 183,600 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Add: After-tax effect of amortization of other intangibles | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 9 | 8 | 11 | 8 |
| Adjusted net income | 1,242 | 1,194 | 1,223 | 1,213 | 1,187 | 1,113 | 1,140 | 1,089 | 1,154 | 3,659 | 3,440 | 4,653 | 4,360 |
| Less: Capital charge | 315 | 298 | 306 | 311 | 294 | 276 | 290 | 285 | 273 | 919 | 860 | 1,171 | 1,044 |
| Economic profit | 927 | 896 | 917 | 902 | 893 | 837 | 850 | 804 | 881 | 2,740 | 2,580 | 3,482 | 3,316 |

 31, $2014-\$ 52.0$ billion and $\$ 8.3$ billion respectively). Securitized residential mortgage and credit card loans are included in Total assets, Total earning assets, Loans and acceptances, Residential mortgages and Credit cards.
${ }^{2}$ Amounts have been revised from those previously presented.
${ }^{3}$ As at Q3/15, average personal secured loans was $\$ 62.7$ billion and average personal unsecured loans was $\$ 21.0$ billion. The loans are secured by securities, residential real estate, automotive assets and government guarantees.


| WEALTH MANAGEMENT <br> (Millions of Canadian dollars, except percentage amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\stackrel{2015}{9 \text { months }}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 129 | 122 | 124 | 123 | 117 | 118 | 111 | 103 | 104 | 375 | 346 | 469 | 396 |
| Fee-based revenue | 1,200 | 1,166 | 1,145 | 1,112 | 1,059 | 997 | 1,017 | 910 | 890 | 3,511 | 3,073 | 4,185 | 3,463 |
| Transactional and other revenue | 376 | 425 | 397 | 393 | 397 | 422 | 399 | 373 | 374 | 1,198 | 1,218 | 1,611 | 1,539 |
| U.S. Wealth accumulation plan gains/(losses) ${ }^{1}$ | 3 | 35 |  | 11 | 12 | 17 | 8 | 29 | 19 | 38 | 37 | 48 | 89 |
| Total revenue | 1,708 | 1,748 | 1,666 | 1,639 | 1,585 | 1,554 | 1,535 | 1,415 | 1,387 | 5,122 | 4,674 | 6,313 | 5,487 |
| Provision for credit losses (PCL) |  | 32 | 13 |  |  |  | 19 | 42 | 10 | 45 | 19 | 19 | 51 |
| Non-interest expense | 1,291 | 1,308 | 1,324 | 1,229 | 1,183 | 1,158 | 1,175 | 1,061 | 1,046 | 3,923 | 3,516 | 4,745 | 4,134 |
| U.S. Wealth accumulation plan (gains)/losses ${ }^{1}$ | 11 | 32 | 9 | 16 | 8 | 15 | 16 | 28 | 18 | 52 | 39 | 55 | 85 |
|  | 121 | 105 | 90 | 109 | 109 | 103 | 90 | 82 | 80 | 316 | 302 | 411 | 331 |
| Net income | 285 | 271 | 230 | 285 | 285 | 278 | 235 | 202 | 233 | 786 | 798 | 1,083 | 886 |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Wealth Management | 561 | 564 | 539 | 583 | 555 | 528 | 520 | 493 | 475 | 1,664 | 1,603 | 2,186 | 1,889 |
| U.S. \& International Wealth Management | 691 | 729 | 665 | 630 | 609 | 609 | 582 | 583 | 565 | 2,085 | 1,800 | 2,430 | 2,225 |
| Global Asset Management | 456 | 455 | 462 | 426 | 421 | 417 | 433 | 339 | 347 | 1,373 | 1,271 | 1,697 | 1,373 |
| Total | 1,708 | 1,748 | 1,666 | 1,639 | 1,585 | 1,554 | 1,535 | 1,415 | 1,387 | 5,122 | 4,674 | 6,313 | 5,487 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) | 18.6\% | 18.3\% | 15.5\% | 19.6\% | 20.3\% | 20.2\% | 16.6\% | 14.4\% | 16.4\% | 17.5\% | 19.1\% | 19.2\% | 15.8\% |
| Return on risk capital (RORC) | 60.9\% | 57.6\% | 49.3\% | 63.1\% | 72.0\% | 73.4\% | 59.7\% | 48.6\% | 51.9\% | 55.9\% | 68.4\% | 66.9\% | 51.9\% |
| Pre-tax margin | 23.8\% | 21.5\% | 19.2\% | 24.0\% | 24.9\% | 24.5\% | 21.2\% | 20.1\% | 22.6\% | 21.5\% | 23.5\% | 23.7\% | 22.2\% |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Loans and acceptances | 17,700 | 17,900 | 17,800 | 16,800 | 15,900 | 15,700 | 14,600 | 13,400 | 12,500 | 17,800 | 15,400 | 15,700 | 12,100 |
| Deposits | 40,500 | 40,600 | 39,700 | 37,900 | 35,900 | 36,200 | 34,800 | 33,200 | 31,900 | 40,300 | 35,600 | 36,200 | 31,900 |
| Attributed capital | 5,950 | 5,950 | 5,800 | 5,650 | 5,450 | 5,500 | 5,400 | 5,350 | 5,450 | 5,900 | 5,450 | 5,500 | 5,400 |
| Risk capital | 1,800 | 1,900 | 1,800 | 1,750 | 1,550 | 1,500 | 1,500 | 1,600 | 1,700 | 1,850 | 1,500 | 1,600 | 1,650 |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross impaired loans / Average net loans and acceptances | 0.73\% | 0.51\% | 0.58\% | 0.07\% | 0.10\% | 0.07\% | 0.52\% | 0.72\% | 0.26\% | 0.73\% | 0.11\% | 0.07\% | 0.79\% |
| PCL / Average net loans and acceptances | 0.01\% | 0.73\% | 0.29\% | 0.00\% | (0.02)\% | 0.00\% | 0.52\% | 1.25\% | 0.31\% | 0.34\% | 0.16\% | 0.12\% | 0.42\% |
| Net write-offs / Average net loans and acceptances | 0.00\% | 0.25\% | 0.00\% | 0.00\% | 0.00\% | 1.62\% | 0.00\% | 0.00\% | 0.00\% | 0.08\% | 0.54\% | 0.39\% | 0.00\% |
| Business information |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Wealth Management | 289,900 | 288,100 | 279,600 | 285,100 | 281,100 | 272,900 | 260,500 | 251,400 | 240,400 | 289,900 | 281,100 | 285,100 | 251,400 |
| U.S. \& International Wealth Management | 488,500 | 459,400 | 488,300 | 432,400 | 419,500 | 417,900 | 414,800 | 387,800 | 375,400 | 488,500 | 419,500 | 432,400 | 387,800 |
| Total | 778,400 | 747,500 | 767,900 | 717,500 | 700,600 | 690,800 | 675,300 | 639,200 | 615,800 | 778,400 | 700,600 | 717,500 | 639,200 |
| Assets under management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Wealth Management | 60,800 | 58,300 | 55,500 | 55,400 | 52,900 | 50,000 | 46,700 | 43,600 | 41,100 | 60,800 | 52,900 | 55,400 | 43,600 |
| U.S. \& International Wealth Management | 54,700 | 52,400 | 53,800 | 46,300 | 43,200 | 41,600 | 40,200 | 37,100 | 37,200 | 54,700 | 43,200 | 46,300 | 37,100 |
| Global Asset Management ${ }^{2}$ | 387,700 | 370,400 | 371,200 | 350,600 | 346,000 | 334,700 | 324,600 | 306,500 | 294,800 | 387,700 | 346,000 | 350,600 | 306,500 |
| Total | 503,200 | 481,100 | 480,500 | 452,300 | 442,100 | 426,300 | 411,500 | 387,200 | 373,100 | 503,200 | 442,100 | 452,300 | 387,200 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 285 | 271 | 230 | 285 | 285 | 278 | 235 | 202 | 233 | 786 | 798 | 1,083 | 886 |
| Non-controlling interests | (1) | (1) | 1 | - | (1) | - | - | 1 |  | (1) | (1) | (1) |  |
| Add: After-tax effect of amortization of other intangibles ${ }^{3}$ | 17 | 22 | 17 | 24 | 18 | 17 | 20 | 16 | 17 | 56 | 55 | 79 | 67 |
| Adjusted net income | 301 | 292 | 248 | 309 | 302 | 295 | 255 | 219 | 250 | 841 | 852 | 1,161 | 953 |
| Less: Capital charge | 140 | 136 | 136 | 134 | 130 | 127 | 130 | 124 | 125 | 412 | 387 | 521 | 492 |
| Economic profit | 161 | 156 | 112 | 175 | 172 | 168 | 125 | 95 | 125 | 429 | 465 | 640 | 461 |
| (Millions of U.S. dollars) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| U.S. \& International Wealth Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue | 545 | 591 | 557 | 565 | 564 | 553 | 539 | 560 | 545 | 1,693 | 1,656 | 2,221 | 2,174 |
| Assets under administration | 373,900 | 381,500 | 384,200 | 383,700 | 384,400 | 381,300 | 372,400 | 371,900 | 365,500 | 373,900 | 384,400 | 383,700 | 371,900 |

[^1]| INSURANCE <br> (Millions of Canadian dollars, except percentage amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 ${ }^{3}$ | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | $2013{ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net earned premiums ${ }^{1}$ | 843 | 829 | 902 | 940 | 923 | 926 | 953 | 926 | 941 | 2,574 | 2,802 | 3,742 | 3,674 |
| Investment income ${ }^{2}$ | 52 | (164) | 900 | 159 | 381 | 138 | 260 | 92 | (439) | 788 | 779 | 938 | (17) |
| Fee income | 126 | 141 | 90 | 75 | 79 | 61 | 69 | 82 | 59 | 357 | 209 | 284 | 271 |
| Total revenue | 1,021 | 806 | 1,892 | 1,174 | 1,383 | 1,125 | 1,282 | 1,100 | 561 | 3,719 | 3,790 | 4,964 | 3,928 |
| Insurance policyholder benefits, claims and acquisition expense (PBCAE) ${ }^{3}$ | 656 | 493 | 1,522 | 752 | 1,009 | 830 | 982 | 878 | 263 | 2,671 | 2,821 | 3,573 | 2,784 |
| Non-interest expense | 153 | 156 | 146 | 149 | 143 | 140 | 147 | 143 | 137 | 455 | 430 | 579 | 551 |
| Income taxes ${ }^{4}$ | 39 | 34 | 39 | 17 | 17 | 1 | (4) | (28) | 1 | 112 | 14 | 31 | (2) |
| Net income | 173 | 123 | 185 | 256 | 214 | 154 | 157 | 107 | 160 | 481 | 525 | 781 | 595 |
| Total revenue by business |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Insurance | 603 | 337 | 1,490 | 646 | 871 | 624 | 770 | 611 | 24 | 2,430 | 2,265 | 2,911 | 1,962 |
| International Insurance | 418 | 469 | 402 | 528 | 512 | 501 | 512 | 489 | 537 | 1,289 | 1,525 | 2,053 | 1,966 |
| Total | 1,021 | 806 | 1,892 | 1,174 | 1,383 | 1,125 | 1,282 | 1,100 | 561 | 3,719 | 3,790 | 4,964 | 3,928 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) | 43.6\% | 33.0\% | 46.0\% | 61.5\% | 53.2\% | 42.1\% | 40.5\% | 31.8\% | 44.5\% | 41.1\% | 45.5\% | 49.7\% | 41.4\% |
| Return on risk capital (RORC) | 48.1\% | 36.5\% | 50.6\% | 67.4\% | 58.7\% | 46.7\% | 44.9\% | 36.0\% | 49.8\% | 45.2\% | 50.3\% | 54.9\% | 46.4\% |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 13,800 | 13,800 | 13,100 | 12,700 | 12,100 | 11,500 | 11,600 | 11,600 | 11,900 | 13,500 | 11,700 | 12,000 | 11,900 |
| Attributed capital | 1,550 | 1,500 | 1,600 | 1,650 | 1,600 | 1,500 | 1,500 | 1,300 | 1,400 | 1,550 | 1,550 | 1,550 | 1,400 |
| Risk capital | 1,400 | 1,350 | 1,450 | 1,500 | 1,450 | 1,350 | 1,350 | 1,150 | 1,250 | 1,400 | 1,400 | 1,400 | 1,250 |
| Additional information |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Premiums and deposits ${ }^{1,5}$ | 1,252 | 1,217 | 1,238 | 1,318 | 1,310 | 1,260 | 1,276 | 1,266 | 1,286 | 3,707 | 3,846 | 5,164 | 4,924 |
| Canadian Insurance | 672 | 685 | 593 | 615 | 637 | 592 | 575 | 605 | 593 | 1,950 | 1,804 | 2,419 | 2,344 |
| International Insurance | 580 | 532 | 645 | 703 | 673 | 668 | 701 | 661 | 693 | 1,757 | 2,042 | 2,745 | 2,580 |
| Fair value changes on investments backing policyholder liabilities ${ }^{6}$ | (37) | (300) | 775 | 43 | 255 | 18 | 123 | (28) | (553) | 438 | 396 | 439 | (491) |
| PBCAE |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Insurance policyholder benefits and claims | 610 | 446 | 1,448 | 657 | 925 | 728 | 884 | 764 | 154 | 2,504 | 2,537 | 3,194 | 2,326 |
| Insurance policyholder acquisition expense | 46 | 47 | 74 | 95 | 84 | 102 | 98 | 114 | 109 | 167 | 284 | 379 | 458 |
| Insurance claims and policy benefit liabilities | 9,395 | 9,373 | 9,440 | 8,564 | 8,473 | 8,163 | 8,115 | 8,034 | 7,815 | 9,395 | 8,473 | 8,564 | 8,034 |
| Embedded value | 6,927 | 6,823 | 6,748 | 6,239 | 6,175 | 6,050 | 6,233 | 6,302 | 6,021 | 6,927 | 6,175 | 6,239 | 6,302 |
| Business information |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assets under management | 800 | 800 | 700 | 700 | 600 | 600 | 500 | 500 | 500 | 800 | 600 | 700 | 500 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 173 | 123 | 185 | 256 | 214 | 154 | 157 | 107 | 160 | 481 | 525 | 781 | 595 |
| Non-controlling interests |  |  |  | - | - | - | - | - | - | - |  | - |  |
| Add: After-tax effect of amortization of other intangibles |  |  |  |  |  | - |  |  |  |  |  | - |  |
| Adjusted net income | 173 | 123 | 185 | 256 | 214 | 154 | 157 | 107 | 160 | 481 | 525 | 781 | 595 |
| Less: Capital charge | 36 | 34 | 38 | 38 | 38 | 35 | 36 | 29 | 33 | 108 | 109 | 147 | 129 |
| Economic profit | 137 | 89 | 147 | 218 | 176 | 119 | 121 | 78 | 127 | 373 | 416 | 634 | 466 |

Premiums and deposits equals net earned premiums excluding the cost of premiums to other institutions for reinsurance coverage, plus segregated fund deposits.

 policyholder benefits and claims.
Q4/13 results includes a charge of $\$ 160$ million ( $\$ 118$ million after-tax) as a result of proposed legislation in Canada, which would affect the policyholders' tax treatment of certain individual life insurance policies
Q1/15 results includes a change in Canadian tax legislation impacting business operations of certain foreign affiliates which became effective November $1,2014$.
${ }^{5}$ 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.

| INVESTOR \& TREASURY SERVICES <br> (Millions of Canadian dollars, except percentage amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income | 204 | 198 | 196 | 183 | 182 | 184 | 183 | 165 | 169 | 598 | 549 | 732 | 671 |
| Non-interest income ${ }^{1}$ | 352 | 330 | 310 | 293 | 298 | 292 | 269 | 281 | 287 | 992 | 859 | 1,152 | 1,133 |
| Total revenue | 556 | 528 | 506 | 476 | 480 | 476 | 452 | 446 | 456 | 1,590 | 1,408 | 1,884 | 1,804 |
| Provision for credit losses (PCL) |  | - | (1) | - |  |  |  |  |  | (1) | - | - |  |
| Non-interest expense ${ }^{2}$ | 331 | 312 | 316 | 321 | 330 | 325 | 310 | 324 | 316 | 959 | 965 | 1,286 | 1,348 |
| Income taxes | 58 | 57 | 49 | 42 | 40 | 39 | 36 | 31 | 36 | 164 | 115 | 157 | 117 |
| Net income (loss) | 167 | 159 | 142 | 113 | 110 | 112 | 106 | 91 | 104 | 468 | 328 | 441 | 339 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) | 24.5\% | 24.2\% | 23.7\% | 19.5\% | 20.1\% | 20.1\% | 19.7\% | 17.9\% | 19.3\% | 24.2\% | 20.0\% | 19.8\% | 16.5\% |
| Return on risk capital (RORC) | 30.3\% | 29.9\% | 30.4\% | 25.4\% | 26.7\% | 26.6\% | 26.7\% | 25.0\% | 26.3\% | 30.2\% | 26.7\% | 26.4\% | 23.1\% |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 125,300 | 126,100 | 114,300 | 100,300 | 91,200 | 92,100 | 93,100 | 82,000 | 86,000 | 121,900 | 92,100 | 94,200 | 83,100 |
| Trading securities | 47,800 | 49,000 | 46,500 | 42,300 | 38,700 | 38,900 | 39,800 | 34,300 | 33,500 | 47,800 | 39,100 | 39,900 | 30,200 |
| Loans and acceptances | 1,900 | 1,900 | 1,800 | 2,500 | 2,500 | 2,600 | 2,600 | 2,700 | 3,200 | 1,900 | 2,600 | 2,500 | 2,900 |
| Deposits | 144,200 | 136,200 | 128,300 | 112,700 | 110,200 | 112,500 | 113,000 | 102,800 | 108,500 | 136,200 | 111,900 | 112,100 | 104,300 |
| Client deposits | 52,000 | 48,800 | 44,200 | 45,000 | 42,700 | 42,200 | 40,800 | 37,400 | 38,800 | 48,300 | 41,900 | 42,700 | 36,100 |
| Wholesale funding deposits | 92,200 | 87,400 | 84,100 | 67,700 | 67,500 | 70,300 | 72,200 | 65,400 | 69,700 | 87,900 | 70,000 | 69,400 | 68,200 |
| Attributed capital | 2,650 | 2,650 | 2,350 | 2,250 | 2,150 | 2,200 | 2,050 | 1,950 | 2,050 | 2,550 | 2,150 | 2,150 | 2,000 |
| Risk capital | 2,150 | 2,150 | 1,850 | 1,700 | 1,600 | 1,650 | 1,550 | 1,400 | 1,500 | 2,050 | 1,600 | 1,650 | 1,400 |
| Business information |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Assets under administration | 3,990,900 | 3,846,900 | 3,725,400 | 3,702,800 | 3,546,100 | 3,482,700 | 3,426,000 | 3,208,800 | 3,094,400 | 3,990,900 | 3,546,100 | 3,702,800 | 3,208,800 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income (loss) | 167 | 159 | 142 | 113 | 110 | 112 | 106 | 91 | 104 | 468 | 328 | 441 | 339 |
| Non-controlling interests |  | (1) | - | - | - | (1) | - | - | (1) | (1) | (1) | (1) | (1) |
| Add: After-tax effect of amortization of other intangibles and goodwill impairment | 5 | 6 | 5 | 5 | 5 | 6 | 5 | 4 | 7 | 16 | 16 | 21 | 21 |
| Adjusted net income | 172 | 164 | 147 | 118 | 115 | 117 | 111 | 95 | 110 | 483 | 343 | 461 | 359 |
| Less: Capital charge | 63 | 60 | 55 | 54 | 50 | 52 | 49 | 44 | 47 | 178 | 151 | 205 | 180 |
| Economic profit (loss) | 109 | 104 | 92 | 64 | 65 | 65 | 62 | 51 | 63 | 305 | 192 | 256 | 179 |

[^2]| CAPITAL MARKETS <br> (Millions of Canadian dollars, except percentage amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income (teb) | 1,016 | 940 | 916 | 877 | 999 | 848 | 761 | 694 | 727 | 2,872 | 2,608 | 3,485 | 2,872 |
| Non-interest income | 1,030 | 1,307 | 1,117 | 622 | 1,186 | 1,024 | 1,049 | 989 | 701 | 3,454 | 3,259 | 3,881 | 3,708 |
| Total revenue (teb) | 2,046 | 2,247 | 2,033 | 1,499 | 2,185 | 1,872 | 1,810 | 1,683 | 1,428 | 6,326 | 5,867 | 7,366 | 6,580 |
| Provision for credit losses (PCL) | 15 | 15 | 5 | 32 | 1 | 13 | (2) | 11 | 28 | 35 | 12 | 44 | 188 |
| Non-interest expense | 1,187 | 1,280 | 1,157 | 899 | 1,269 | 1,111 | 1,065 | 960 | 884 | 3,624 | 3,445 | 4,344 | 3,856 |
| Income taxes | 299 | 327 | 277 | 166 | 274 | 241 | 242 | 243 | 130 | 903 | 757 | 923 | 836 |
| Net income | 545 | 625 | 594 | 402 | 641 | 507 | 505 | 469 | 386 | 1,764 | 1,653 | 2,055 | 1,700 |
| Total revenue by business ${ }^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Corporate and Investment Banking | 1,006 | 958 | 886 | 846 | 965 | 800 | 826 | 786 | 669 | 2,850 | 2,591 | 3,437 | 3,014 |
| Global Markets | 1,070 | 1,323 | 1,149 | 721 | 1,184 | 1,047 | 944 | 833 | 722 | 3,542 | 3,175 | 3,896 | 3,314 |
| Other | (30) | (34) | (2) | (68) | 36 | 25 | 40 | 64 | 37 | (66) | 101 | 33 | 252 |
| Total | 2,046 | 2,247 | 2,033 | 1,499 | 2,185 | 1,872 | 1,810 | 1,683 | 1,428 | 6,326 | 5,867 | 7,366 | 6,580 |
| Financial ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on equity (ROE) | 12.9\% | 14.9 \% | 14.6\% | 10.7 \% | 16.9\% | 14.5\% | 14.5\% | 14.0\% | $12.6 \%$ | 14.1\% | 15.3\% | 14.1\% | 14.1 \% |
| Return on risk capital (RORC) | 13.8 \% | $15.9 \%$ | 15.6 \% | 11.4 \% | 18.1 \% | $15.5 \%$ | 15.6\% | 15.1 \% | 13.6 \% | 15.1 \% | 16.4 \% | 15.1 \% | 15.3\% |
| Total compensation to revenue ${ }^{2}$ | 36.9\% | 38.5\% | 39.4\% | 31.6\% | 37.8\% | 38.9\% | 41.4\% | 35.4\% | 38.7\% | 38.2 \% | 39.2\% | 37.7\% | 37.8\% |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trading securities | 116,100 | 118,800 | 118,300 | 105,400 | 103,200 | 106,100 | 100,700 | 98,900 | 100,700 | 117,700 | 103,300 | 103,800 | 100,800 |
| Loans and acceptances | 81,300 | 77,700 | 73,900 | 68,500 | 66,300 | 63,800 | 60,600 | 57,400 | 54,800 | 77,600 | 63,600 | 64,800 | 54,700 |
| Deposits | 62,700 | 60,000 | 55,100 | 51,500 | 49,000 | 46,600 | 43,200 | 40,800 | 39,300 | 59,300 | 46,300 | 47,600 | 38,400 |
| Attributed capital | 16,300 | 16,750 | 15,800 | 14,450 | 14,650 | 13,950 | 13,350 | 12,800 | 11,650 | 16,300 | 13,950 | 14,100 | 11,500 |
| Risk capital | 15,250 | 15,750 | 14,800 | 13,500 | 13,700 | 13,000 | 12,400 | 11,850 | 10,700 | 15,250 | 13,050 | 13,150 | 10,600 |
| Credit quality |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PCL/ Average net loans and acceptances | 0.07\% | 0.08\% | 0.03\% | $0.19 \%$ | 0.01\% | 0.08\% | (0.01)\% | 0.08\% | 0.20\% | 0.06\% | 0.02\% | 0.07\% | $0.34 \%$ |
| Net write-offs / Average net loans and acceptances | (0.01)\% | $0.02 \%$ | (0.02)\% | 0.18\% | (0.02)\% | $0.16 \%$ | 0.21 \% | 0.18\% | 0.32\% | $0.00 \%$ | 0.11\% | 0.13\% | $0.45 \%$ |
| Business information |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Non-controlling interests |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Add: After-tax effect of amortization of other intangibles ${ }^{3}$ | 1 |  |  |  | 3 | - |  |  | 1 | 1 | 3 | 3 | 1 |
| Adjusted net income | 546 | 625 | 594 | 402 | 644 | 507 | 505 | 469 | 387 | 1,765 | 1,656 | 2,058 | 1,701 |
| Less: Capital charge | 386 | 383 | 371 | 341 | 350 | 323 | 319 | 294 | 269 | 1,140 | 992 | 1,333 | 1,053 |
| Economic profit (loss) | 160 | 242 | 223 | 61 | 294 | 184 | 186 | 175 | 118 | 625 | 664 | 725 | 648 |

[^3]| CORPORATE SUPPORT <br> (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income Statement |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net interest income (teb) | (109) | (102) | (98) | (70) | (126) | (79) | (38) | (16) | (53) | (309) | (243) | (313) | (124) |
| Non-interest income | (20) | 131 | 79 | 113 | 21 | 22 | 8 | (17) | 25 | 190 | 51 | 164 | (12) |
| Total revenue (teb) | (129) | 29 | (19) | 43 | (105) | (57) | (30) | (33) | (28) | (119) | (192) | (149) | (136) |
| Provision for (recovery of) credit losses (PCL) | (2) |  | 1 | (1) | (2) | - | 1 | 6 | 3 | (1) | (1) | (2) | 3 |
| Non-interest expense | 14 | 30 | 40 | 40 | 37 | 11 | 1 | 33 | 12 | 84 | 49 | 89 | 72 |
| Income taxes | (165) | (125) | (110) | (122) | (130) | (103) | (50) | (234) | (278) | (400) | (283) | (405) | (653) |
| Net income (loss) | 24 | 124 | 50 | 126 | (10) | 35 | 18 | 162 | 235 | 198 | 43 | 169 | 442 |
| Additional information |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Average balances |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets ${ }^{1}$ | 21,700 | 21,100 | 19,800 | 17,500 | 15,100 | 13,200 | 11,400 | 11,800 | 12,600 | 20,800 | 13,300 | 14,300 | 12,800 |
| Attributed capital | 9,600 | 8,350 | 7,700 | 7,450 | 7,450 | 7,650 | 6,750 | 6,000 | 5,900 | 8,500 | 7,250 | 7,200 | 6,250 |
| Other earnings measures |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income (loss) | 24 | 124 | 50 | 126 | (10) | 35 | 18 | 162 | 235 | 198 | 43 | 169 | 442 |
| Non-controlling interests | (24) | (22) | (23) | (24) | (23) | (23) | (23) | (24) | (22) | (69) | (69) | (93) | (93) |
| Add: After-tax effect of amortization of other intangibles |  | (2) | 1 | 1 | (2) | 1 | 1 | 2 | (1) | (1) |  | 1 | 2 |
| Adjusted net (loss) income | - | 100 | 28 | 103 | (35) | 13 | (4) | 140 | 212 | 128 | (26) | 77 | 351 |
| Less: Capital charge | 227 | 191 | 181 | 176 | 179 | 173 | 168 | 132 | 134 | 599 | 520 | 696 | 563 |
| Economic profit (loss) | (227) | (91) | (153) | (73) | (214) | (160) | (172) | 8 | 78 | (471) | (546) | (619) | (212) |

${ }^{1}$ Amounts have been revised from those previously presented.

| BALANCE SHEETS (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period-end balances ASSETS |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and due from banks | 19,976 | 18,393 | 20,027 | 17,421 | 16,297 | 15,879 | 13,786 | 15,550 | 13,928 | 17,421 | 15,550 |
| Interest-bearing deposits with banks | 10,731 | 4,402 | 3,866 | 8,399 | 5,383 | 5,210 | 8,245 | 9,039 | 7,348 | 8,399 | 9,039 |
| Securities |  |  |  |  |  |  |  |  |  |  |  |
| Trading | 172,370 | 169,763 | 181,125 | 151,380 | 152,756 | 148,398 | 148,774 | 144,023 | 137,556 | 151,380 | 144,023 |
| Available-for-sale | 63,145 | 52,880 | 49,598 | 47,768 | 46,358 | 43,083 | 40,720 | 38,687 | 36,809 | 47,768 | 38,687 |
|  | 235,515 | 222,643 | 230,723 | 199,148 | 199,114 | 191,481 | 189,494 | 182,710 | 174,365 | 199,148 | 182,710 |
| Assets purchased under reverse repurchase |  |  |  |  |  |  |  |  |  |  | 117,517 |
| Loans |  |  |  |  |  |  |  |  |  |  |  |
| Wholesale | 121,214 | 114,283 | 113,764 | 102,954 | 102,348 | 99,035 | 94,983 | 90,143 | 87,057 | 102,954 | 90,143 |
|  | 464,677 | 450,347 | 450,267 | 437,223 | 432,347 | 423,319 | 417,607 | 410,809 | 404,326 | 437,223 | 410,809 |
| Allowance for loan losses | $(2,078)$ | $(2,037)$ | $(2,057)$ | $(1,994)$ | $(1,926)$ | $(1,883)$ | $(1,979)$ | $(1,959)$ | $(1,921)$ | $(1,994)$ | $(1,959)$ |
|  | 462,599 | 448,310 | 448,210 | 435,229 | 430,421 | 421,436 | 415,628 | 408,850 | 402,405 | 435,229 | 408,850 |
| Segregated fund net assets | 821 | 780 | 719 | 675 | 645 | 593 | 542 | 513 | 463 | 675 | 513 |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Customers' liability under acceptances | 12,761 | 12,637 | 11,782 | 11,462 | 10,443 | 10,911 | 10,503 | 9,953 | 10,211 | 11,462 | 9,953 |
| Derivatives | 112,459 | 107,004 | 150,564 | 87,402 | 72,823 | 72,633 | 79,475 | 74,822 | 77,846 | 87,402 | 74,822 |
| Premises and equipment, net | 2,667 | 2,595 | 2,669 | 2,684 | 2,603 | 2,603 | 2,650 | 2,636 | 2,657 | 2,684 | 2,636 |
| Goodwill | 9,322 | 8,890 | 9,153 | 8,647 | 8,568 | 8,566 | 8,616 | 8,332 | 8,204 | 8,647 | 8,332 |
| Other intangibles | 2,810 | 2,779 | 2,833 | 2,775 | 2,782 | 2,802 | 2,815 | 2,777 | 2,729 | 2,775 | 2,777 |
| Investments in joint ventures and associates | 346 | 319 | 345 | 295 | 306 | 273 | 290 | 247 | 287 | 295 | 247 |
| Employee benefit assets | 108 | 84 | 44 | 138 | 179 | 299 | 265 | 161 | 173 | 138 | 161 |
| Other assets | 42,399 | 39,968 | 42,187 | 30,695 | 29,101 | 29,229 | 31,739 | 26,638 | 29,273 | 30,695 | 26,638 |
| Total Assets | 1,085,173 | 1,032,172 | 1,086,695 | 940,550 | 913,870 | 895,896 | 904,717 | 859,745 | 850,073 | 940,550 | 859,745 |
| LIABILITIES AND EQUITY |  |  |  |  |  |  |  |  |  |  |  |
| Deposits |  |  |  |  |  |  |  |  |  |  |  |
| Personal | 218,629 | 215,903 | 216,236 | 209,217 | 204,427 | 202,670 | 200,125 | 194,943 | 191,383 | 209,217 | 194,943 |
| Business and government | 449,397 | 415,311 | 417,084 | 386,660 | 377,635 | 369,206 | 375,785 | 354,593 | 343,900 | 386,660 | 354,593 |
| Bank | 26,210 | 20,337 | 21,387 | 18,223 | 19,629 | 19,083 | 18,534 | 13,543 | 14,855 | 18,223 | 13,543 |
|  | 694,236 | 651,551 | 654,707 | 614,100 | 601,691 | 590,959 | 594,444 | 563,079 | 550,138 | 614,100 | 563,079 |
| Segregated fund liabilities | 821 | 780 | 719 | 675 | 645 | 593 | 542 | 513 | 463 | 675 | 513 |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Acceptances | 12,761 | 12,637 | 11,782 | 11,462 | 10,443 | 10,911 | 10,503 | 9,953 | 10,211 | 11,462 | 9,953 |
| Obligations related to securities sold short | 55,656 | 54,314 | 59,485 | 50,345 | 52,054 | 50,423 | 48,818 | 47,128 | 46,473 | 50,345 | 47,128 |
| Obligations related to assets sold under |  |  |  |  |  |  |  |  |  |  |  |
| Derivatives | 116,083 | 112,219 | 152,869 | 88,982 | 75,096 | 73,206 | 80,702 | 76,745 | 80,378 | 88,982 | 76,745 |
| Insurance claims and policy benefit liabilities | 9,395 | 9,373 | 9,440 | 8,564 | 8,473 | 8,163 | 8,115 | 8,034 | 7,815 | 8,564 | 8,034 |
| Employee benefit liabilities | 2,431 | 2,611 | 3,078 | 2,420 | 2,205 | 2,034 | 1,979 | 2,027 | 1,940 | 2,420 | 2,027 |
| Other liabilities | 41,282 | 41,438 | 48,004 | 37,309 | 37,533 | 37,355 | 34,070 | 34,947 | 31,528 | 37,309 | 34,947 |
| Subordinated debentures | 7,374 | 7,795 | 7,889 | 7,859 | 6,810 | 6,486 | 6,521 | 7,443 | 7,392 | 7,859 | 7,443 |
|  | 1,023,275 | 973,925 | 1,029,274 | 886,047 | 860,373 | 843,920 | 852,709 | 810,285 | 801,888 | 886,047 | 810,285 |
| Equity attributable to shareholders |  |  |  |  |  |  |  |  |  |  |  |
| Preferred shares | 4,950 | 4,650 | 4,350 | 4,075 | 4,750 | 4,250 | 5,100 | 4,600 | 4,600 | 4,075 | 4,600 |
| Common shares | 14,561 | 14,556 | 14,531 | 14,511 | 14,475 | 14,458 | 14,442 | 14,377 | 14,333 | 14,511 | 14,377 |
| Treasury shares - preferred | - | 2 | 1 | - | (1) | - | - | 1 | (1) | - | 1 |
| - common | 37 | (104) | (57) | 71 | 10 | 73 | 33 | 41 | (10) | 71 | 41 |
| Retained earnings | 35,795 | 34,142 | 32,505 | 31,615 | 30,526 | 29,489 | 28,544 | 27,438 | 26,468 | 31,615 | 27,438 |
| Other components of equity | 4,760 | 3,185 | 4,335 | 2,418 | 1,954 | 1,913 | 2,117 | 1,208 | 1,038 | 2,418 | 1,208 |
|  | 60,103 | 56,431 | 55,665 | 52,690 | 51,714 | 50,183 | 50,236 | 47,665 | 46,428 | 52,690 | 47,665 |
| Non-controlling interests | 1,795 | 1,816 | 1,756 | 1,813 | 1,783 | 1,793 | 1,772 | 1,795 | 1,757 | 1,813 | 1,795 |
|  | 61,898 | 58,247 | 57,421 | 54,503 | 53,497 | 51,976 | 52,008 | 49,460 | 48,185 | 54,503 | 49,460 |
| Total Liabilities and Equity | 1,085,173 | 1,032,172 | 1,086,695 | 940,550 | 913,870 | 895,896 | 904,717 | 859,745 | 850,073 | 940,550 | 859,745 |



[^4]| STATEMENTS OF CHANGES IN EQUITY <br> (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{aligned} & 2015 \\ & 9 \text { months } \end{aligned}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Preferred shares |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 4,650 | 4,350 | 4,075 | 4,750 | 4,250 | 5,100 | 4,600 | 4,600 | 4,813 | 4,075 | 4,600 | 4,600 | 4,813 |
| Issued | 300 | 300 | 600 |  | 500 |  | 500 |  |  | 1,200 | 1,000 | 1,000 |  |
| Redeemed | - |  | (325) | (675) |  | (850) | - |  | (213) | (325) | (850) | $(1,525)$ | (213) |
| Balance at end of period | 4,950 | 4,650 | 4,350 | 4,075 | 4,750 | 4,250 | 5,100 | 4,600 | 4,600 | 4,950 | 4,750 | 4,075 | 4,600 |
| Common shares |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 14,556 | 14,531 | 14,511 | 14,475 | 14,458 | 14,442 | 14,377 | 14,333 | 14,354 | 14,511 | 14,377 | 14,377 | 14,323 |
| Issued | 5 | 25 | 20 | 36 | 19 | 30 | 65 | 44 | 25 | 50 | 114 | 150 | 121 |
| Purchased for cancellation |  | - | - |  | (2) | (14) | - |  | (46) |  | (16) | (16) | (67) |
| Balance at end of period | 14,561 | 14,556 | 14,531 | 14,511 | 14,475 | 14,458 | 14,442 | 14,377 | 14,333 | 14,561 | 14,475 | 14,511 | 14,377 |
| Treasury shares - preferred |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 2 | 1 |  | (1) |  | - | 1 | (1) |  |  | 1 | 1 | 1 |
| Sales | 26 | 56 | 15 | 24 | 49 | 31 | 20 | 22 | 35 | 97 | 100 | 124 | 127 |
| Purchases | (28) | (55) | (14) | (23) | (50) | (31) | (21) | (20) | (36) | (97) | (102) | (125) | (127) |
| Balance at end of period |  | 2 | 1 |  | (1) | - |  | 1 | (1) |  | (1) |  | 1 |
| Treasury shares - common |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | (104) | (57) | 71 | 10 | 73 | 33 | 41 | (10) | 40 | 71 | 41 | 41 | 30 |
| Sales | 1,495 | 1,887 | 1,781 | 1,485 | 1,746 | 1,041 | 1,061 | 1,103 | 1,458 | 5,163 | 3,848 | 5,333 | 4,453 |
| Purchases | $(1,354)$ | $(1,934)$ | $(1,909)$ | $(1,424)$ | $(1,809)$ | $(1,001)$ | $(1,069)$ | $(1,052)$ | $(1,508)$ | $(5,197)$ | $(3,879)$ | $(5,303)$ | $(4,442)$ |
| Balance at end of period | 37 | (104) | (57) | 71 | 10 | 73 | 33 | 41 | (10) | 37 | 10 | 71 | 41 |
| Retained earnings |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 34,142 | 32,505 | 31,615 | 30,526 | 29,489 | 28,544 | 27,438 | 26,468 | 24,876 | 31,615 | 27,438 | 27,438 | 23,162 |
| Net income attributable to shareholders | 2,449 | 2,473 | 2,434 | 2,316 | 2,352 | 2,175 | 2,067 | 2,077 | 2,260 | 7,356 | 6,594 | 8,910 | 8,244 |
| Other comprehensive income | 368 | 334 | (415) | (101) | (206) | (65) | 77 | (75) | 551 | 287 | (194) | (295) | 319 |
| Preferred share dividends | (50) | (47) | (40) | (44) | (55) | (52) | (62) | (61) | (63) | (137) | (169) | (213) | (253) |
| Common share dividends | $(1,110)$ | $(1,111)$ | $(1,081)$ | $(1,081)$ | $(1,025)$ | $(1,025)$ | (966) | (965) | (908) | $(3,302)$ | $(3,016)$ | $(4,097)$ | $(3,651)$ |
| Premium paid on common shares purchased for cancellation | - | - | - | - | (11) | (86) | - | - | (234) |  | (97) | (97) | (341) |
| Premium paid on preferred shares redeemed |  | - | - |  |  | - | - | - | (9) | - | - |  | (9) |
| Share-based compensation awards | - | (2) | 2 | (3) | (1) | (3) | (2) | (4) | (1) | - | (6) | (9) | (7) |
| Issuance costs | (5) | (6) | (7) |  | (7) | - | (7) |  |  | (18) | (14) | (14) |  |
| Other | 1 | (4) | (3) | 2 | (10) | 1 | (1) | (2) | (4) | (6) | (10) | (8) | (26) |
| Balance at end of period | 35,795 | 34,142 | 32,505 | 31,615 | 30,526 | 29,489 | 28,544 | 27,438 | 26,468 | 35,795 | 30,526 | 31,615 | 27,438 |
| Other components of equity |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unrealized gains and losses on available-for-sale securities | 503 | 498 | 640 | 432 | 426 | 394 | 410 | 347 | 271 | 503 | 426 | 432 | 347 |
| Unrealized foreign currency translation gains and losses, net of hedging activities | 4,468 | 2,708 | 3,831 | 1,891 | 1,437 | 1,427 | 1,653 | 686 | 450 | 4,468 | 1,437 | 1,891 | 686 |
| Gains and losses on derivatives designated as cash flow hedges | (211) | (21) | (136) | 95 | 91 | 92 | 54 | 175 | 317 | (211) | 91 | 95 | 175 |
| Balance at end of period | 4,760 | 3,185 | 4,335 | 2,418 | 1,954 | 1,913 | 2,117 | 1,208 | 1,038 | 4,760 | 1,954 | 2,418 | 1,208 |
| Total retained earnings and other components of equity | 40,555 | 37,327 | 36,840 | 34,033 | 32,480 | 31,402 | 30,661 | 28,646 | 27,506 | 40,555 | 32,480 | 34,033 | 28,646 |
|  | 60,103 | 56,431 | 55,665 | 52,690 | 51,714 | 50,183 | 50,236 | 47,665 | 46,428 | 60,103 | 51,714 | 52,690 | 47,665 |
| Non-controlling interests |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 1,816 | 1,756 | 1,813 | 1,783 | 1,793 | 1,772 | 1,795 | 1,757 | 1,772 | 1,813 | 1,795 | 1,795 | 1,761 |
| Dividends | (46) |  | (46) |  | (47) |  | (47) |  | (47) | (92) | (94) | (94) | (94) |
| Net income attributable to Non-controlling interests | 26 | 29 | 22 | 17 | 26 | 26 | 25 | 24 | 25 | 77 | 77 | 94 | 98 |
| Net change in unrealized gains (losses) on available-for-sales securities | - | - | - | - | - | - | - | - | - | - | - | - |  |
| Foreign currency translation adjustments | 7 | (5) | 10 | - | - | - | - | - | 7 | 12 | 5 | - |  |
| Other | (8) | 36 | (43) | 13 | 11 | (5) | (1) | 14 | 7 | (15) | 5 | 18 | 30 |
| Balance at end of period | 1,795 | 1,816 | 1,756 | 1,813 | 1,783 | 1,793 | 1,772 | 1,795 | 1,757 | 1,795 | 1,783 | 1,813 | 1,795 |
| Total equity | 61,898 | 58,247 | 57,421 | 54,503 | 53,497 | 51,976 | 52,008 | 49,460 | 48,185 | 61,898 | 53,497 | 54,503 | 49,460 |

## Credit card loans <br> Opening bala Securitized <br> Recuritizal of <br> Reversal of prior securitizations

ommercial mortgages
Opening balance
Securitized
Amortization
Amortization
Closing balance
Bond participation certificates - sold
Opening balance
Sold
Other ${ }^{2}$
Closing balance
Bond participation certificates - retained
Opening balance
Sold ${ }^{2}$
Closing balance

| $\begin{array}{r} 9,847 \\ 1,185 \\ (1,984) \end{array}$ | $\begin{aligned} & 8,491 \\ & 1,356 \end{aligned}$ | $\begin{array}{r} 8,340 \\ 151 \end{array}$ | 8,340 | 8,340 | $\begin{aligned} & 7,160 \\ & 1,180 \end{aligned}$ | 7,160 | $\begin{gathered} 7,380 \\ 647 \\ (867) \end{gathered}$ | 7,380 | $\begin{array}{r} 8,340 \\ 2,692 \\ (1,984) \end{array}$ | $\begin{aligned} & 7,160 \\ & 1,180 \end{aligned}$ | $\begin{aligned} & 7,160 \\ & 1,180 \end{aligned}$ | $\begin{aligned} & 7,371 \\ & 1,180 \\ & (1,391) \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9,048 | 9,847 | 8,491 | 8,340 | 8,340 | 8,340 | 7,160 | 7,160 | 7,380 | 9,048 | 8,340 | 8,340 | 7,160 |
| $\begin{array}{r} 1,202 \\ 195 \\ (129) \end{array}$ | $\begin{array}{r} 1,283 \\ (81) \end{array}$ | $\begin{array}{r} 1,330 \\ (47) \\ \hline \end{array}$ | $\begin{array}{r} 1,212 \\ 173 \\ (55) \\ \hline \end{array}$ | $\begin{array}{r} 1,236 \\ - \\ (24) \end{array}$ | $\begin{array}{r} 1,277 \\ (41) \end{array}$ | $\begin{array}{r} 1,304 \\ (27) \end{array}$ | $\begin{array}{r} 1,322 \\ (18) \end{array}$ | $\begin{array}{r} 1,354 \\ - \\ \hline \end{array}$ | $\begin{array}{r} 1,330 \\ 195 \\ (257) \\ \hline \end{array}$ | $\begin{array}{r} 1,304 \\ (92) \end{array}$ | $\begin{array}{r} 1,304 \\ 173 \end{array}$ | $\begin{array}{r} 1,434 \\ (130) \end{array}$ |
| 1,268 | 1,202 | 1,283 | 1,330 | 1,212 | 1,236 | 1,277 | 1,304 | 1,322 | 1,268 | 1,212 | 1,330 | 1,304 |
| $\begin{array}{r} 442 \\ - \\ 31 \\ \hline \end{array}$ | $\begin{array}{r} 537 \\ - \\ (95) \end{array}$ | $\begin{array}{r} 482 \\ - \\ 55 \\ \hline \end{array}$ | 522 <br> (40) | 599 <br> (77) | 629 - (30) | 624 - 5 | 634 <br> (10) | 632 - 2 | 482 - (9) | 624 - (102) | 624 - $(142)$ | 661 - $(37)$ |
| 473 | 442 | 537 | 482 | 522 | 599 | 629 | 624 | 634 | 473 | 522 | 482 | 624 |
| - | - | - | - | 1 - (1) | 1 | 5 - (4) | 5 | 5 <br> - | - | 5 - (5) | (5) | $\begin{array}{r}6 \\ - \\ \hline\end{array}$ |
| - | - | - | - | - | 1 | ) | 5 | 5 | - | - | - | 5 |

${ }^{1}$ 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 credit card 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 the second quarter of 2015.

| SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ${ }^{1,2,3}$ <br> (Millions of Canadian dollars) | Q3/15 |  | Q2/15 |  | Q1/15 |  | Q4/14 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Banking book | Trading book | Banking book | Trading book | Banking book | Trading book | Banking book | Trading book |
| Securitization exposures retained or purchased |  |  |  |  |  |  |  |  |
| Asset-backed securities | 1,605 | 216 | 1,576 | 545 | 1,889 | 410 | 1,591 | 241 |
| Auto loans and leases | 16,824 | 205 | 14,484 | 178 | 14,270 | 229 | 12,665 | 165 |
| Commercial mortgages |  | 373 |  | 489 |  | 512 |  | 376 |
| Consumer loans | 2,760 |  | 1,390 |  | 191 |  |  |  |
| Credit cards | 11,243 | 117 | 10,318 | 130 | 10,896 | 205 | 8,365 | 191 |
| Dealer floor plan receivables | 2,505 |  | 2,133 |  | 2,140 |  | 1,957 |  |
| Equipment receivables | 1,805 |  | 1,726 |  | 1,818 | - | 1,466 | - |
| Residential mortgages | 3,242 | 3,757 | 3,184 | 3,337 | 3,405 | 2,688 | 3,050 | 1,165 |
| Student loans | 9,777 | 253 | 9,397 | 256 | 9,344 | 225 | 5,678 | 143 |
| Trade receivables | 2,887 |  | 2,801 |  | 2,773 |  | 2,472 |  |
| Other | 3,772 | 1,177 | 3,606 | 1,019 | 3,315 | 784 | 2,676 | 723 |
| Total securitization and resecuritization exposures retained or purchased | 56,420 | 6,098 | 50,615 | 5,954 | 50,041 | 5,053 | 39,920 | 3,004 |


| SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ${ }^{1,2,3,4}$ <br> (Millions of Canadian dollars) | Q3/15 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Standardiz | approach | Rating bas | Banki | Internalassessment approach |  |  |  | Trading book <br> Standardized approach |  |
|  | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges |
| <10\% |  |  | 729 | 5 | 36,725 | 216 | 37,454 | 221 | 2,937 | 17 |
| > $10 \% \leq 20 \%$ | 1,659 | 27 | 2,123 | 29 | 11,223 | 124 | 15,005 | 180 | 1,498 | 20 |
| > $20 \%$ < $50 \%$ | 5 |  | 347 | 10 | 481 | 16 | 833 | 26 | 461 | 13 |
| > 50\% $\leq 100 \%$ |  |  | 99 | 5 | 2,977 | 155 | 3,076 | 160 | 588 | 34 |
| > 100\% $\leq 650 \%$ |  |  |  |  |  |  |  |  | 268 | 72 |
| > $650 \%$ < $1250 \%$ |  |  |  | - |  | - |  | - |  |  |
| 1250\% | - |  | 52 | 52 | - | - | 52 | 52 | 346 | 348 |
| Total securitization and resecuritization exposures retained or purchased | 1,664 | 27 | 3,350 | 101 | 51,406 | 511 | 56,420 | 639 | 6,098 | 504 |


| SECURITIZATION AND RESECURITIZATION EXPOSURES RETAINED OR PURCHASED ${ }^{1,2,3,4}$ <br> (Millions of Canadian dollars) | Q2/15 |  | Q2/15 |  | Q1/15 |  | Q1/15 |  | Q4/14 |  | Q4/14 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Banking book Total |  | Trading book Total |  | $\begin{gathered} \text { Banking book } \\ \hline \end{gathered}$ |  | Trading bookTotal |  | Banking book Total |  | Trading book Total |  |
|  | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges | Exposure | Capital charges |
| $\leq 10 \%$ | 34,917 | 205 | 2,734 | 15 | 35,046 | 207 | 2,031 | 12 | 28,092 | 165 | 1,042 | 6 |
| $>10 \% \leq 20 \%$ | 11,632 | 141 | 1,545 | 21 | 10,569 | 126 | 1,195 | 16 | 7,993 | 95 | 753 | 10 |
| > $20 \% \leq 50 \%$ | 805 | 27 | 522 | 15 | 4,215 | 105 | 583 | 17 | 3,630 | 95 | 410 | 12 |
| > $50 \% \leq 100 \%$ | 3,207 | 166 | 427 | 32 | 93 | 7 | 366 | 27 | 102 | 8 | 101 | 10 |
| > 100\% $\leq 650 \%$ |  |  | 296 | 82 | - | - | 222 | 65 |  | - | 152 | 48 |
| > $650 \%$ < $1250 \%$ |  |  |  |  |  |  |  |  |  |  | - |  |
| 1250\% | 54 | 54 | 430 | 432 | 118 | 118 | 656 | 657 | 103 | 103 | 546 | 548 |
| Total securitization and resecuritization exposures retained or purchased | 50,615 | 593 | 5,954 | 597 | 50,041 | 563 | 5,053 | 794 | 39,920 | 466 | 3,004 | 634 |


| RESECURITIZATION EXPOSURES RETAINED OR PURCHASED (Millions of Canadian dollars) | Q3/15 |  | Q2/15 |  | Q1/15 |  | Q4/14 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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- | 817 | 247 | 818 | 353 | 4,214 | 253 | 3,322 | 171 |
| A+ to A - | 3,243 | 208 | 3,357 | 199 |  | 272 |  | 244 |
| $B B B+$ to BB | - | 159 | - | 159 |  | 84 |  | 43 |
| BB- and below |  | 5 | - | 6 |  | 7 |  | 7 |
| Unrated |  | 40 | $\stackrel{-}{-}$ | 33 |  | 18 |  | 22 |
| Total resecuritization exposures retained or purchased | 4,060 | 659 | 4,175 | 750 | 4,214 | 634 | 3,322 | 487 |

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.
Amounts reflect regulatory exposure values.
Securitization exposures include securities, liquidity facilities, protection provided to securitization positions, other commitments and credit enhancements.
${ }^{4}$ 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 $23-24$ | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Common Equity Tier 1 capital ( (CET1): Instruments and Reserves |  |  |  |  |  |  |
| 1 Directly issued qualifying common share capital (and equivalent for non-joint stock companies) plus related stock surplus | a+a' | 14,729 | 14,619 | 14,646 | 14,684 | 14,649 |
| 2 Retained earning | ${ }^{\text {b }}$ b ${ }^{\prime}$ | 35,627 | 33,976 | 32,332 | 31,442 | 30,353 |
| 3 Accumulated other comprehensive income (and other reserves) | c-c' | 4,760 | 3,185 | 4,335 | 2,418 | 1,954 |
| 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 | 13 | 12 | 13 | 12 | 12 |
| ${ }^{6}$ Common Equity Tier 1 capital before regulatory adjustments |  | 55,129 | 51,792 | 51,326 | 48,556 | 46,968 |
| Common Equity Tier 1 capital: Regulatory adjustments |  |  |  |  |  |  |
| 7 Prudential valuation adjustments |  |  |  |  |  |  |
| 8 Goodwill (net of related tax liability) | e+e' + m ${ }^{\text {ct }}$ | ${ }^{9,344}$ | 8,896 | 9,160 | 8,653 | 8,573 |
| 9 Other intangibles other than mortgage-servicing rights (net of related tax liability) | f+1'm"-v | 2,195 | 2,168 | 2,189 | 2,153 | 2,176 |
| 10 Deferred tax assets excluding those arising from temporary differences (net of related tax liability) | g | 54 | 62 | 65 | 43 | 53 |
| 11 Cash flow hedge reserve | h | (211) | (21) | (136) | 95 | 91 |
| 12 Shortfall of provisions to expected losses | i | 1,001 | 948 | 965 | 938 | 893 |
| 13 Securitization gain on sale |  |  |  |  |  |  |
| 14 Gains and losses due to changes in own credit risk on fair valued liabilities | j | 233 | 47 | 137 | 35 | (18) |
| 15 Defined benefit pension fund net assets (net of related tax liability) | k-u | 108 | 84 | 44 | 138 | 179 |
| 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 |  |  |  |  | 95 |  |
| ${ }^{23}$ of which: significant investments in the common stock of financials | 1 |  |  |  | 49 | 29 |
| 24 of which: mortgage servicing rights |  |  |  |  |  |  |
| 25 of which: deferred tax assets arising from temporary differences | m |  |  |  | 46 | 25 |
| 26 Other deductions or regulatory adjustments to CET1 as determined by OSFI |  |  |  |  |  |  |
| 27 Regulatory adjustments applied to Common Equity Tier 1 due to insufficient Additional Tier 1 and Tier 2 to cover deductions |  |  |  |  |  |  |
| ${ }^{28}$ Total regulatory adjustments to Common Equity Tier 1 |  | 12,724 | 12,184 | 12,424 | 12,150 | 12,001 |
| ${ }^{29}$ Common Equity Tier 1 capital (CET1) |  | 42,405 | 39,608 | 38,902 | 36,406 | 34,967 |
| Additional Tier 1 capital (AT1): Instruments |  |  |  |  |  |  |
| 30 Directly issued qualifying Additional Tier 1 instruments plus related stock surplus |  | 2,200 | 1,900 | 1,600 | 1,000 | 1,000 |
| ${ }^{31}$ of which: classified as equity under applicable accounting standards | $\mathrm{n}^{\prime}$ | 2,200 | 1,900 | 1,600 | 1,000 | 1,000 |
| 32 of which: classified as liabilities under applicable accounting standards | n-n'-n" |  |  |  |  |  |
| ${ }^{33}$ Directly issued capital instruments subject to phase out trom Additional Tier 1 | $x^{\prime}+$ n"+n"' | 4,441 | 4,478 | 4,412 | 4,794 | 5,439 |
| 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 | 2 |  |
| ${ }^{36}$ Additional Tier 1 capital before regulatory adjustments |  | 6,644 | 6,381 | 6,015 | 5,796 | 6,441 |
| 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 |  |  |  |  |  |  |
| 43 Total regulatory adjustments to Additional Tier 1 capital |  |  |  |  |  |  |
| ${ }^{44}$ Additional Tier 1 Capital (AT1) |  | 6,644 | 6,381 | 6,015 | 5,796 | 6,441 |
| 45 Tier 1 capital (T1 = CET1 + AT1) |  | 49,049 | 45,989 | 44,917 | 42,202 | 41,408 |
| Tier 2 Capital: Instruments and Provisions |  |  |  |  |  |  |
| 46 Directly issued qualitying Tier 2 instruments plus related stock surplus | q" | 3,077 | 2,056 | 2,086 | 2,010 | 1,000 |
| 47 Directly issued capital instruments subject to phase out from Tier 2 | q"' | 4,235 | 5,682 | 5,743 | 5,595 | 5,558 |
| 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 | 33 | 31 | 31 | 31 | 29 |
| 49 of which: instruments issued by subsidiaries subject to phase out | q"' | 31 | 29 | 29 | 28 | 26 |
| 50 Collective allowances | s | 159 | 174 | 176 | 182 | 193 |
| ${ }^{51}$ Tier 2 capital before regulatory adjustments |  | 7,504 | 7,943 | ${ }^{8,036}$ | 7,818 | 6,780 |
| 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 |  |  |  |  |  |  |
| ¢ 58 58 Total regulatory adjustments to Tier 2 capital Tier 2 capital (T2) |  | 7594. | - | - | - |  |
|  |  | 7,504 | 7,943 | 8,036 | 7,818 | 6,780 |
| 59 Total capital (TC $=$ T1 + ${ }^{\text {a }}$ ) 60 Total risk-weighted assets |  | 56,553 | 53,932 | 52,953 | 50,020 | 48,18 |
|  |  | 421,908 | ${ }^{398,992}$ | 407,934 | ${ }^{372,050}$ | ${ }^{371,949}$ |
| 60a Common Equity Tier 1 (CET1) Capital RWA 60a Tier 1 Capital RWA |  | 419,484 | 396,874 | 405,307 | 368,594 | 368,320 |
|  |  | 420,789 421,908 | 398,014 398,992 | 406,722 407,934 | 369,976 372,050 | 369,772 371,949 |
| 60 Total Capital RWA |  |  | 398,992 | 407,934 |  |  |

## Capital ratios

61 Common Equity Tier 1 (as percentage of risk-weighted assets)
62 Tier 1 (as percentage of risk-weighted assets)
3 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)
5 of which: capital conservation buffer requiremen
6 Not applicable
7a of which. DSIB buffer requiremen
68 Common Equity Tier 1 available to meet buffers (as percentage of risk-weighted assets)

|  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| $10.1 \%$ | $10.0 \%$ | $9.6 \%$ | $9.9 \%$ | $9.5 \%$ |
| $11.7 \%$ | $11.6 \%$ | $11.0 \%$ | $11.4 \%$ | $11.2 \%$ |
| $13.4 \%$ | $13.5 \%$ | $13.0 \%$ | $13.4 \%$ | $13.0 \%$ |
| $7.0 \%$ | $7.0 \%$ | $7.0 \%$ | $7.0 \%$ | $7.0 \%$ |
| $2.5 \%$ | $2.5 \%$ | $2.5 \%$ | $2.5 \%$ | $2.5 \%$ |
| 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. |
| $10.1 \%$ | $10.0 \%$ | $9.6 \%$ | 9.9\% | 9.5\% |
|  |  |  |  |  |
| $7.0 \%$ | $7.0 \%$ | $7.0 \%$ | $7.0 \%$ | $7.0 \%$ |
| $8.5 \%$ | $8.5 \%$ | $8.5 \%$ | $8.5 \%$ | $8.5 \%$ |
| $10.5 \%$ | $10.5 \%$ | $10.5 \%$ | $10.5 \%$ | $10.5 \%$ |
|  |  |  |  |  |
| 719 | 1,102 | 664 | 880 | 387 |
| 3,084 | 3,004 | 2,939 | 2,806 | 2,729 |
| - | - | - |  |  |
| 2,655 | 2,565 | 2,691 | 2,656 | 2,517 |
|  |  |  |  |  |
| 159 | 174 | 176 | 182 | 193 |
| 159 | 174 | 176 | 182 | 193 |
| 1,693 | 1,662 | 1,679 | 1,638 | 1,585 |
| 1,693 | 1,662 | 1,679 | 1,638 | 1,585 |
|  |  |  |  |  |
| - | - | - | - | - |
| - | - | - | - | - |
| 5,174 | 5,174 | 5,174 | 5,913 | 5,913 |
| - | - | - | - | - |
| 6,433 | 6,433 | 6,433 | 7,352 | 7,352 |
| - | - |  |  | - |

OSFI all-in target (minimum + capital conservation buffer + DSIB surcharge (if applicable))
${ }^{6} 9$ Common Equity Tier 1 all-in target ratio
70 Tier 1 capital all-in target ratio
71 Total capital all-in target ratio

## Amounts below the thresholds for deduction (before risk-weighting)

72 Non-significant investments in the capital of other financials
Significant investments in the common stock of financia
Mortgage servicing rights (net of related tax liability)
75 Deferred tax assets arising from temporary differences (net of related tax liability)
pplicable caps on the inclusion of allowances in Tier 2
76 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)
nder standardized approach
78 Allowances eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)
79 Cap on inclusion of allowances in Tier 2 under internal ratings-based approach
${ }^{30}$ Current cap on CET1 instrumase-out arrangements (only applicab
Amounts excluded from CET1 due to cap (excess over cap after redemptions and maturities)
82 Current cap on AT1 instruments subject to phase out arrangements
33 Amounts excluded from AT1 due to cap (excess over cap after redemptions and maturities)
84 Current cap on T2 instruments subject to phase out arrangements

## ASSETS TO CAPITAL MULTIPLE (GROSS ADJUSTED ASSETS OVER TRADITIONAL TOTAL CAPITAL)

Assets-to-capital multiple
Gross-adjusted assets ( $\$$ billions) ${ }^{1}$
BASEL III REGULATORY CAPITAL AND RATIOS (TRANSITIONAL BASIS)
(Millions of Canadian dollars, except percentage and otherwise noted)
29 Common Equity Tier 1 capital (CET1) ${ }^{2}$
45 Tier 1 capital (T1 = CET1 + AT1 $)^{2}$
59 Total capital (TC = T1 + T2) ${ }^{2}$
Total risk-weighted assets ${ }^{2,}$
Common Equity Tier 1 (as percentage of risk-weighted assets)
62 Tier 1 (as percentage of risk-weighted assets)

| Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 |
| :---: | :---: | :---: | :---: | :---: |
| n.a. | п.a. | n.a. | 17.0x | 17.3X |
| n.a. | n.a. | n.a. | 885.0 | 867.9 |
| Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 |
| 50,124 | 46,986 | 46,446 | 44,599 | 43,818 |
| 50,860 | 47,743 | 46,673 | 44,599 | 43,818 |
| 58,062 | 55,401 | 54,418 | 52,023 | 50,229 |
| 430,721 | 404,127 | 413,960 | 377,958 | 378,086 |
| 11.6 \% | 11.6 \% | 11.2 \% | 11.8 \% | 11.6 \% |
| 11.8 \% | 11.8 \% | 11.3 \% | 11.8 \% | 11.6 \% |
| 13.5 \% | 13.7 \% | 13.2 \% | 13.8 \% | 13.3 \% |


 on the Tier 1 capital.
${ }^{2}$ The transitional Capital and RWA balances for Q1 2015 have been revised
${ }^{3}$ The transitional RWA does not reflect the CVA phase-in adjustments as implemented under the All-in Basis.

## 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
Investments in joint ventures and associates
Significant investments in other financial institutions and insurance subsidiaries
Significant investments exceeding regulatory thresholds
Significant investments not exceeding regulatory thresholds
Defined-benefit pension fund net assets



Deferred tax assets excluding those arising from temporary differences
Deferred tax assets arising from temporary differences exceeding regulatory thresholds
Deferred tax liabilities related to permitted tax netting
Deferred tax assets - other temporary differences
Other assets
of which relates to assets of operations held for sale - goodwill
of which relates to assets of operations held for sale - intangibles
of which relates to assets of operations held for sale - deferred tax assets
Liabilities
Deposits
Personal
Business and government
Busine
Bank
Segregated fund liabilities
Other
Acceptances
Obligations related to securities sold short
Obligations related to assets sold under repurchase agreements and securities loaned
Derivatives
Insurance claims and policy benefit liabilities
Employee bene
Other liabilities
Gains and losses due to changes in own credit risk on fair value liabilities
Deferred tax liabilities
related to goodwill
related to intangibles
related to pensions
relates to permitted tax netting
Other deferred tax liabilities
Other liabilities
Requlatory capital amort
Subordinated debentures not of maturing debentures
Subordinated debentures used for regulatory capital:
of which: are qualifying
of which: are subject to phase out issued by subsidiaries and held by 3rd party
otal liabilities
Equity attributable to shareholders
Common 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
Other components of equity
Gains and losses on derivatives designated as cash flow hedges
Onreaized foreign currency translation 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 - preferred
of which: are qualifying
of which: are subject to phase out
Treasury shares - common
Non-controlling interests
of which: are qualifying
portion allowed for inclusion into CET
portion allowed for inclusion into Tier 1 capital
portion allowed for inclusion into Tier 2 capita
of which: are subject to phase out
of which: portion not allowed for regulatory capital
Total equity
Total liabilities and equity
Principal activities
MCe subsidiaries
MCe subsidiaries
Assured Assistance Inc.
Assured Assistance Inc.
RBC General Insurance Company
RBC General Insurance Company
RBC Insurance Services Inc,
RBC Insurance Services Inc,
RBC Insurance Company of Canad
RBC Insurance Company of Canad
RBC Insurance Company of
RBC Insurance Company of
RBC Insurance Holdings Inc.
Royal Bank of Canada Insurance Company Limited
roperty and casualty is inance claims
Service provider for insurance companies listed and the bank (creditor)
Life and health insurance company
Property and casualty ins
Holding company
Holding company
Life, annuity, trade credit, title and property reinsurance company provides coverage to international clients

Crosss Reference to
Basel III Regulatory Capi
Balance sheet as in
Report to Shareholder
Under regulatory
cope of consolidation

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) capita

pening amount
New capital issues
Redeemed capital
Gross dividends (deduction
Shares issued in lieu of dividends (add back)
Profit for the year (attributable to shareholders of parent company)
Removal of own credit spread (net of tax)
Movement in other comprehensive income
Currency translation differences (unrealized foreign currency translation gains/(losses)),
het of hedging activities)
Available-for-sale investments (unrealized gains (losses) on AFS securities)
Other
Goodwill and other intangible assets (deduction, net of related tax liability)
Other, including regulatory adjustments and transitional arrangements
Deferred tax assets that rely on future profitability
(excluding those arising from temporary differences)
Defined benefit pension fund assets (net of related tax liability)
Investment in common equity of deconsolidated subsidiaries \& other significant investments
Prudential valuation adjustments
Other ${ }^{2}$

## Closing amount

| 39,608 | 38,902 | 36,406 | 34,967 | 33,756 |
| :---: | :---: | :---: | :---: | :---: |
| 5 | 25 | 20 | 36 | 19 |
| - |  |  |  | (2) |
| $(1,160)$ | $(1,158)$ | $(1,121)$ | $(1,125)$ | $(1,080)$ |
| - | - |  | - | - |
| 2,449 | 2,473 | 2,434 | 2,316 | 2,352 |
| (186) | 90 | (102) | (53) | 42 |
| 1,575 | $(1,150)$ | 1,917 | 464 | 41 |
| 1,760 | $(1,123)$ | 1,940 | 454 | 10 |
| 5 | (142) | 208 | 6 | 32 |
| (190) | 115 | (231) | 4 | (1) |
| (475) | 285 | (543) | (56) | 106 |
| 589 | 141 | (109) | (143) | (267) |
| 8 | 3 | (22) | 10 | (1) |
| (24) | (40) | 94 | 41 | 116 |
|  |  | 49 | (21) | (28) |
|  |  | - | - |  |
| 605 | 178 | (230) | (173) | (354) |
| 42,405 | 39,608 | 38,902 | 36,406 | 34,967 |
| 6,381 | 6,015 | 5,796 | 6,441 | 5,969 |
| 300 | 300 | 600 |  | 500 |
|  |  | - | - | - |
| (37) | 66 | (381) | (645) | (28) |
| 6,644 | 6,381 | 6,015 | 5,796 | 6,441 |
| 49,049 | 45,989 | 44,917 | 42,202 | 41,408 |
| 7,943 | 8,036 | 7,818 | 6,780 | 6,512 |
| 1,000 |  |  | 1,000 | 1,000 |
| - | - |  |  |  |
| $(1,439)$ | (93) | 218 | 38 | (732) |
| 7,504 | 7,943 | 8,036 | 7,818 | 6,780 |
| 56,553 | 53,932 | 52,953 | 50,020 | 48,188 |

## Other 'non-core' Tier 1 (Additional Tier 1) capita

## Opening amount

New non-core Tier 1 (additional Tier 1) eligible capital issues
Redeemed capital
Other, including regulatory adjustments and transitional arrangements ${ }^{3,5}$

## Closing amount

## Total Tier 1 capital

## Tier 2 capital

Opening amount
New Tier 2 eligible capital issues
Redeemed capital
Amortization adjustments
Other, including regulatory adjustments and transitional arrangements ${ }^{4,6}$
Closing amount
otal regulatory capital

[^5]

| 200,729 | 6\% | 1,196 | 10,968 |  | 12,164 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 234,85 |  |  |  |  | 49,111 |
| 277,958 | 55\% | 18,931 | 133,549 |  | 152,480 |
| 71,820 | 14\% | 2,916 | 6,871 |  | 9,787 |
| 96,218 | 9\% | 742 | 7,825 |  | 8.567 |
| 881,110 | 26\% | 28,454 | 203,655 |  | 232,109 |
| 341,854 | 2\% | 34 | 7,369 | 24 | 7,427 |
| 92,174 | 35\% | 2,016 | 18,109 | 12,492 | 32,617 |
| 434,028 | 9\% | 2,050 | 25,478 | 12.516 | 40,044 |
| 1,315,138 | 21\% | 30,504 | 229,133 | 12,516 | 272,153 |
| 2,081 | 99\% |  | 2,069 |  | 2,069 |
| 56,430 | 14\% | 334 | 7,646 |  | 7,980 |
| n.a. | n.a. | n.a. | 14,292 |  | 14,292 |
| 46,858 | 68\% | n.a. | n.a. | 31,659 | 31,659 |
| 1,420,507 | 23\% | 30,838 | 253,140 | 44,175 | 328,153 |


| 973 |
| :---: |
| 12,199 |
| 783 |
| 685 |
| 18,569 |
| 594 |
| 2,609 |
| 3,203 |
| 21,772 |
| 166 |
| 638 |
| 1,143 |
| 2,533 |
| 26,252 |


| $\begin{aligned} & 10,468 \\ & 49,291 \end{aligned}$ | $\begin{aligned} & 10,504 \\ & 49,359 \end{aligned}$ | $\begin{aligned} & 10,573 \\ & 48,976 \end{aligned}$ | $\begin{aligned} & 10,315 \\ & 48,238 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| 141,158 | 141,348 | 126,948 | 122,167 |
| 9,072 | 8,725 | 7,683 | 7,844 |
| 7,531 | 7,978 | 7,079 | 7,134 |
| 217,520 | 217,914 | 201,259 | 195,698 |
| 7,093 | 5,125 | 4,912 | 4,289 |
| 28,787 | 34,230 | 26,875 | 27,766 |
| 35,880 | 39,355 | 31,787 | 32,055 |
| 253,400 | 257,269 | 233,046 | 227,753 |
| 1,998 7 | 2,034 7 7 | 2,025 5830 | 2,052 |
| 7,416 | 7,035 | 5,830 | 6,032 |
| 13,184 | 13,175 | 11,938 | 11,543 |
| 28,715 | 32,023 | 30,032 | 30,675 |
| 304,713 | 311,536 | 282,871 | 278,055 |


| $\begin{gathered} \text { Market risk }{ }^{11,12} \\ \text { Interest rate } \end{gathered}$ |
| :---: |

## Interest Equity <br> Foreign exchange <br> Commodities Specific risk

Incremental risk charge ${ }^{13,14}$
otal market risk
Operational risk ${ }^{15}$

|  | 1,922 | 6,351 |  | 8,273 |
| :---: | :---: | :---: | :---: | :---: |
|  | 1,880 | 1,228 |  | 3,108 |
|  | 1,640 | 194 |  | 1,834 |
|  | 1,148 | 10 |  | 1,158 |
|  | 10,931 | 3,318 |  | 14,249 |
|  |  | 12,700 |  | 12,700 |
|  | 17,521 | 23,801 |  | 41,322 |
|  | 50,009 | n.a. | n.a. | 50,009 |
| 1,420,507 | 98,368 | 276,941 | 44,175 | 419,484 |
|  |  |  | 1,305 | 1,305 |
| 1,420,507 | 98,368 | 276,941 | 45,480 | 420,789 |
|  |  |  | 1,119 | 1,119 |
| 1,420,507 | 98,368 | 276,941 | 46,599 | 421,908 |



| 7,310 | 7,462 | 6,326 | 5,703 |
| :---: | :---: | :---: | :---: |
| 863 | 1,266 | 1,621 | 3,414 |
| 1,631 | 1,522 | 1,274 | 1,474 |
| 2,306 | 2,682 | 2,030 | 1,926 |
| 14,896 | 18,325 | 14,980 | 18,926 |
| 15,909 | 14,366 | 12,229 | 12.5 |
| 42,915 | 45,623 | 38,460 | 44,042 |
| 49,246 | 48,148 | 47,263 | 46,223 |
| 396,874 | 405,307 | 368,594 | 368,320 |
| 1,140 | 1,415 | 1,382 | 1,452 |
| 398,014 | 406,722 | 369,976 | 369,772 |
| 978 | 1,212 | 2,074 | 2,177 |
| 398,992 | 407,934 | 372,050 | 371,949 |


|  | CVA | OSFI Scalars | Total RWA before CVA phase-in | CVA Phase -in Adjustments | RWA Net CVA phase-in |
| :---: | :---: | :---: | :---: | :---: | :---: |
| RWA CVA PHASE-IN CALCULATION ${ }^{6}$ | (A) | (B) | (C) | (D) $=A^{*}\left(100 \%\right.$ - ${ }^{\text {a }}$ | (E)=C-D |
| Common equity tier 1 (CET1) capital RWA | 18,648 | 64\% | 426,197 | 6,713 | 419,484 |
| Tier 1 capital RWA | 18,648 | 71\% | 426,197 | 5,408 | 420,789 |
| Total capital RWA | 18,648 | 77\% | 426,197 | 4,289 | 421,908 |

Calculated using guidelines issued by OSFI under the Basel III All-in framework.
Total exposure represents exposure at defaut which is the expected gross exposure upon the default of an obligor. This amount excludes any allowance against impaired loans or partial write-offs and does not reflect the impact of credit risk mitigation 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 portolios use the Internal Rating Based (IRB) Approach and the remainder use the Standardized Approach
Commencing Q1/14, a new CVA reguatory capital charge was applied to derivatives. For the first two quarters of 2014 , a $57 \%$ scaler was
and $77 \%$ were applied to CET1, Tier 1 , and Total Capital respectively. See above for the 2015 calculation with the 2015 scalars percentages.
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

As at Q3/15, the amount of publicly-traded equity exposures was $\$ 943$ million and private equity exposures amounted to $\$ 1,138$ million. Total exposure represents exposure at default, which is the expected gross exposure upon the default of an oblig
${ }^{9}$ The scaling factor represents a calibration adjustment of $6 \%$ as prescribed by OSFI under the Basel IIIf ramework and is applied to RWA amounts for credit isk assessed Under the IRB Approach.
${ }^{10}$ For credit risk, portfolios using the Standardized and IRB Approaches represents $9 \%$ and $77 \%$, respectively, of RWA. The remaining $14 \%$ represents Balance Sheet assets not included in Standardized or IRB Approaches.
${ }^{12}$ 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
${ }^{12}$ Regulatory capital for our correlation trading portfolios is determined through the standardized approach as prescribed by OSFI. 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 under the standardized approach. The changes in value due to market and credit r
spreads and underlying asset prices as well as VaR and stress testing measures.
${ }^{13}$ The incremental risk charge (IRC) was $\$ 1,016$ million as at Q3/15. The average was $\$ 970$ million, high was $\$ 1,299$ million and low was $\$ 839$ million for $\mathrm{Q} 3 / 15$. The IRC is measured over a one-year horizon at a $99.9 \%$ confidence level. We utilize a technique known as the Monte Carlo simulation process to generate a statistically relevant number of loss scenarios due to ratings migration and defaut in order to establish the losses at that confidence level. We also make certain assumptions about position liquidity (the length of time to close out a position) within the model that range from a floor of three
months to maximum of one year. The determination of liquidity 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 intermal 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
${ }^{15}$ For operationa

```
Q2/1
```


## Capit

| Internal models-based approach |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VaR | 2,873 | 230 | 2,762 | 221 | 2,712 | 217 | 2,401 | 192 | 2,769 | 221 |
| Stressed VaR | 8,228 | 658 | 6,129 | 490 | 6,354 | 508 | 6,552 | 524 | 7,067 | 565 |
| Incremental risk charge | 12,700 | 1,016 | 15,909 | 1,273 | 14,366 | 1,150 | 12,229 | 979 | 12,599 | 1,008 |
| Comprehensive risk measure |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |
|  | 23,801 | 1,904 | 24,800 | 1,984 | 23,432 | 1,875 | 21,182 | 1,695 | 22,435 | 1,794 |
| Standardized approach | 17,521 | 1,402 | 18,115 | 1,449 | 22,191 | 1,775 | 17,278 | 1,382 | 21,607 | 1,729 |
| Total Market Risk RWA | 41,322 | 3,306 | 42,915 | 3,433 | 45,623 | 3,650 | 38,460 | 3,077 | 44,042 | 3,523 |


| TOTAL CAPITAL RISK-WEIGHTED ASSETS BY BUSINESS SEGMENTS (ALL-IN BASIS) (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal and Commercial Banking |  |  |  |  |  |  |  |
| Canadian Banking | 131,377 | 128,439 | 127,240 | 125,187 | 123,792 | 112,682 | 109,793 |
| Caribbean \& U.S. Banking | 17,775 | 16,443 | 17,205 | 14,557 | 14,183 | 14,411 | 15,858 |
| Wealth Management | 24,491 | 24,124 | 25,340 | 23,049 | 22,740 | 20,217 | 20,302 |
| Insurance | 7,975 | 7,795 | 7,649 | 7,301 | 7,261 | 7,039 | 7,193 |
| Investor \& Treasury Services | 29,502 | 28,131 | 28,515 | 23,533 | 21,944 | 19,858 | 21,862 |
| Capital Markets | 203,622 | 189,743 | 195,686 | 171,057 | 172,871 | 166,579 | 158,040 |
| Corporate Support | 7,166 | 4,317 | 6,299 | 7,366 | 9,158 | 8,308 | 8,704 |
| Total capital risk-weighted assets | 421,908 | 398,992 | 407,934 | 372,050 | 371,949 | 349,094 | 341,752 |


| MOVEMENT OF TOTAL CAPITAL RISK-WEIGHTED ASSETS (RWA) BY RISK TYPE (ALL-IN BASIS) (Millions of Canadian dollars, except percentage and otherwise noted) | Q3/15 |  |  | Q2/15 |  |  | Q1/15 |  |  | Q4/14 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Non- } \\ \text { counterparty } \\ \text { credif tisk } \end{gathered}$ | Counterparty credit risk | Total | Non- counterparty credit risk | Counterparty credit risk | Total | $\begin{gathered} \text { Non- } \\ \text { counterparty } \\ \text { credif tisk } \end{gathered}$ | Counterparty | Total | $\begin{gathered} \text { Non- } \\ \text { counterparty } \\ \text { credif tisk } \end{gathered}$ | Counterparty credit risk | Total |  |
| Credit risk RWA |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance of credit risk RWA | 268,730 | 38,101 | 306,831 | 272,180 | 41,983 | 314,163 | 251,084 | 35,243 | 286,327 | 246,000 | 35,684 | 281,684 |  |
| Portfolio size ${ }^{1}$ | 7,503 | 2,267 | 9,770 | 1,923 | $(4,194)$ | $(2,271)$ | 8,787 | 5,767 | 14,554 | 3,312 | 488 | 3,800 |  |
| Portfolio credit quality ${ }^{2}$ | 871 | (593) | 278 | 760 | (744) | 16 | 894 | $(4,397)$ | $(3,503)$ | 290 | $(1,784)$ | $(1,494)$ |  |
| Model updates ${ }^{3}$ | 415 |  | 415 |  | 1,781 | 1,781 | 687 |  | 687 | . | . |  |  |
| Methodology and policy ${ }^{4}$ |  |  |  |  | - | - | . | - |  |  |  |  |  |
| Acquisitions and dispositions |  |  |  |  | $\checkmark$ |  |  |  |  |  |  | - |  |
| Foreign exchange movements | 11,081 | 2,533 | 13,614 | $(6,796)$ | $(1,566)$ | $(8,362)$ | 13,084 | 3,200 | 16,284 | 2,050 | 421 | 2,471 |  |
| Other | (493) | 162 | (331) | 663 | 841 | 1,504 | $(2,356)$ | 2,170 | (186) | (568) | 434 | (134) |  |
| Closing balance of credit risk RWA | 288,107 | 42,470 | 330,577 | 268,730 | 38,101 | 306,831 | 272,180 | 41,983 | 314,163 | 251,084 | 35,243 | 286,327 |  |
| Market risk RWA |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Movement in risk levels ${ }^{5}$ | n.a | n.a | $(3,550)$ | n.a. | n.a. | $(1,812)$ | n.a. | n.a. | 4,204 | n.a. | n.a. | $(5,689)$ |  |
| Model updates ${ }^{3}$ | n.a. | n.a. | 1,573 | n.a. | n.a. |  | n.a. | n.a. |  | n.a. | n.a. | - |  |
| Methodology and policy ${ }^{4}$ | n.a. |  | $(1,375)$ | n.a. | n.a. | (250) | n.a. | n.a. | (725) | n.a. | n.a. |  |  |
| 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. | 1,759 | n.a. | n.a. | (496) | n.a. | n.a. | 4,122 | n.a. | n.a. | 511 |  |
| Closing balance of market risk RWA | n.a. | n.a. |  | n.a. | n.a. | (150) | n.a. | n.a. | (438) | n.a. | n.a. | (404) |  |
|  | n.a. | n.a. | 41,322 | n.a. | n.a. | 42,915 | n.a. | n.a. | 45,623 | n.a. | n.a. | 38,460 |  |
| Operational risk RWA |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Opening balance of operational risk RWA Revenue generation | n.a. | n.a. | 763 | n.a. | n.a. | 1,098 | n.a. | n.a. | 885 | n.a. | n.a. | 1,040 |  |
| Closing balance of operational risk RWATotal capital RWA |  | n.a. | 50,009 | n.a. | n.a. | 49,246 | n.a. | n.a. | 48,148 | n.a. | n.a. | 47,263 |  |
|  | 288,107 | 42,470 | 421,908 | 268,730 | 38,101 | 398,992 | 272,180 | 41,983 | 407,934 | 251,084 | 35,243 | 372,050 |  |
| ATTRIBUTED CAPITAL | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| Attributed capital |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Credit risk | 16,500 | 16,050 | 15,450 | 15,250 | 13,900 | 13,050 | 13,000 | 12,450 | 11,700 | 16,000 | 13,300 | 13,800 | 11,800 |
| Market risk (trading and non-trading) | 3,800 | 3,900 | 4,200 | 4,200 | 4,000 | 3,600 | 3,900 | 3,050 | 3,150 | 3,950 | 3,800 | 3,900 | 3,300 |
| Operational risk | 4,600 | 4,800 | 4,600 | 4,200 | 4,550 | 4,300 | 4,200 | 4,000 | 3,950 | 4,700 | 4,400 | 4,300 | 4,050 |
| Business and fixed assets risk | 2,900 | 3,050 | 2,900 | 2,600 | 2,850 | 2,750 | 2,700 | 2,550 | 2,500 | 2,950 | 2,800 | 2,750 | 2,650 |
| Insurance risk | 550 | 550 | 500 | 500 | 500 | 550 | 500 | 500 | 450 | 500 | 500 | 500 | 500 |
| Goodwill and intangibles | 11,950 | 11,850 | 11,650 | 11,400 | 11,300 | 11,350 | 11,350 | 11,150 | 10,950 | 11,800 | 11,350 | 11,350 | 10,750 |
| Regulatory capital allocation ${ }^{6}$ | 5,100 | 5,400 | 4,600 | 4,200 | 4,050 | 4,400 | 3,900 | 4,950 | 4,500 | 5,050 | 4,100 | 4,150 | 3,400 |
| Attributed capital | 45,400 | 45,600 | 43,900 | 42,350 | 41,150 | 40,000 | 39,550 | 38,650 | 37,200 | 44,950 | 40,250 | 40,750 | 36,450 |
| Under/(over) attribution of capital 6,7 | 7,200 | 5,900 | 5,350 | 5,100 | 5,250 | 5,550 | 4,500 | 3,850 | 3,800 | 6,150 | 5,050 | 4,950 | 4,150 |
| Total average common equity | 52,600 | 51,500 | 49,250 | 47,450 | 46,400 | 45,550 | 44,050 | 42,500 | 41,000 | 51,100 | 45,300 | 45,700 | 40,600 |

${ }_{2}$ 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.
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.
Methodology changes to the calculations driven by regulatory policy changes.
Change in risk due to position changes and market movements.

Under/(over) attribution of capital is reported in Corporate Support.

1 Total consolidated assets as per published financial statements
2 Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation
3 Adjustment for fiduciary assets recognized on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure
4 Adjustments for derivative financial instruments
5 Adjustment for securities financing transactions (SFT) (i.e. repo assets and similar secured lending)
6 Adjustments for off-balance sheet items (i.e., credit equivalent amounts of off-balance sheet exposures)
7 Other adjustments
8 Leverage Ratio Exposure - (transitional basis)

| $1,085,173$ | $1,032,172$ | $1,086,695$ |
| :---: | :---: | ---: |
|  |  |  |
| $(11,054)$ | $(10,620)$ | $(10,668)$ |
| - | - | - |
| $(29,871)$ | $(32,496)$ | $(49,259)$ |
| 16,263 | 13,202 | 12,186 |
| 150,674 | 150,149 | 154,887 |
| $(31,259)$ | $(12,995)$ | $(13,389)$ |
| $1,179,926$ | $1,139,412$ | $1,180,452$ |


|  |  |  |
| ---: | ---: | ---: |
| $1,179,926$ | $1,139,412$ | $1,180,452$ |
| $(1,503)$ | $(1,652)$ | $(1,532)$ |
| $1,178,423$ | $1,137,760$ | $1,178,920$ |

## LEVERAGE RATIO COMMON DISCLOSURE TEMPLATE

(Millions of Canadian dollars, except percentages)

${ }^{1}$ Based on OSFI's Leverage Requirements Guidelines 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 OSFl's Leverage Requirements Guideline. These are recorded as receivables on our Balance Sheet and are not required to be included in Leverage exposure.



[^6]${ }^{2}$ Wholesale - Other in Q3/15 related to financing products, $\$ 105$ million; health, $\$ 21$ million; holding and investments, $\$ 157$ million; other services, $\$ 72$ million; and other, $\$ 55$ million.
Geographic information is based on residence of borrower

${ }^{1}$ Certain GIL movements for Canadian Banking retail and wholesale portfolios are generally allocated to New Impaired, as Return to performing status, Net repayments, Sold, and Exchange and other movements amounts are not reasonably determinable. Certain GIL movements for Caribbean Banking retail and wholesale porttolios are generally allocated to Exchange and other movements, as Return to performing status, Net repayments, and Sold amounts are not reasonably determinable.
${ }_{2}^{2}$ Geographic information is based on residence of borrower, net of allowance for impaired loans.

| GROSS IMPAIRED LOANS continued (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net write-offs by geography ${ }^{1}$ and portfolio Canada |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 6 | 2 | 5 | 8 | 4 | 6 | 5 | 8 | 2 | 23 | 16 |
| Personal | 94 | 99 | 88 | 96 | 101 | 91 | 97 | 102 | 93 | 385 | 374 |
| Credit cards | 94 | 93 | 92 | 85 | 87 | 90 | 83 | 80 | 88 | 345 | 346 |
| Small business | 8 | 8 | 8 | 12 | 8 | 10 | 8 | 5 | 7 | 38 | 26 |
| Retail | 202 | 202 | 193 | 201 | 200 | 197 | 193 | 195 | 190 | 791 | 762 |
| Business | 28 | 12 | 31 | 24 | 16 | 28 | 46 | 39 | 48 | 114 | 188 |
| Sovereign | - | - | - | - | - | - | - | - |  | - | - |
| Bank | - | - | - | - | - | - | - | - | - | - | - |
| Wholesale | 28 | 12 | 31 | 24 | 16 | 28 | 46 | 39 | 48 | 114 | 188 |
| United States |  |  |  |  |  |  |  |  |  |  |  |
| Retail | - | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 3 | 3 |
| Wholesale | (1) | 9 | (2) | 34 | (1) | 12 | (2) | 3 | 25 | 43 | 48 |
|  | (1) | 10 | (2) | 35 | - | 13 | (2) | 4 | 26 | 46 | 51 |
| Other International |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 11 | 15 | 17 | 4 | 9 | 66 | 4 | 10 | 2 | 83 | 39 |
| Wholesale | 15 | 14 | 11 | 5 | 1 | 8 | 18 | 36 | 27 | 32 | 161 |
|  | 26 | 29 | 28 | 9 | 10 | 74 | 22 | 46 | 29 | 115 | 200 |
| Total |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 213 | 218 | 210 | 206 | 210 | 264 | 197 | 206 | 193 | 877 | 804 |
| Wholesale | 42 | 35 | 40 | 63 | 16 | 48 | 62 | 78 | 100 | 189 | 397 |
| Total net write-offs | 255 | 253 | 250 | 269 | 226 | 312 | 259 | 284 | 293 | 1,066 | 1,201 |

${ }^{1}$ Geographic information is based on residence of borrower, net of allowance for impaired loans.


Wholesale - Real estate and related provision for credit losses in Q3/15 are comprised of losses based in Canada of $\$ 10$ million, United States of $\$$ nil, and Other International of $\$ 12$ million.
${ }^{2}$ Wholesale - Other in Q3/15 related to financing products, \$nil; health, \$nil; holding and investments, \$nil; other services, $\$ 2$ million; and other, $\$ 4$ million.
${ }^{3}$ Geographic information is based on residence of borrower.

| ALLOWANCE FOR CREDIT LOSSES (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Allowance for credit losses on impaired loans by portfolio and sector Retail |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 168 | 152 | 165 | 162 | 106 | 109 | 109 | 103 | 96 | 162 | 103 |
| Personal | 140 | 144 | 150 | 135 | 137 | 138 | 213 | 178 | 129 | 135 | 178 |
| Small business | 18 | 21 | 20 | 19 | 21 | 21 | 22 | 16 | 12 | 19 | 16 |
|  | 326 | 317 | 335 | 316 | 264 | 268 | 344 | 297 | 237 | 316 | 297 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Business |  |  |  |  |  |  |  |  |  |  |  |
| Agriculture | 7 | 8 | 8 | 7 | 6 | 5 | 6 | 7 | 8 | 7 | 7 |
| Automotive | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 6 | 4 | 5 |
| Consumer goods | 26 | 25 | 25 | 28 | 24 | 23 | 24 | 21 | 21 | 28 | 21 |
| Energy |  |  |  |  |  |  |  |  |  |  |  |
| Oil and gas | 28 | 13 | - | - | - | - | - | 1 | 1 | - | 1 |
| Utilities | 10 | 8 | 8 | - | - |  | - |  |  | - |  |
| Non-bank financial services | - | 7 | 16 | 11 | 11 | 12 | 11 | 11 | 10 | 11 | 11 |
| Forest products | 10 | 12 | 13 | 12 | 12 | 14 | 9 | 9 | 12 | 12 | 9 |
| Industrial products | 16 | 19 | 22 | 21 | 24 | 16 | 17 | 20 | 19 | 21 | 20 |
| Mining and metals | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Real estate and related ${ }^{1}$ | 89 | 83 | 98 | 92 | 86 | 84 | 84 | 83 | 77 | 92 | 83 |
| Technology and media | 15 | 19 | 17 | 17 | 17 | 18 | 27 | 57 | 68 | 17 | 57 |
| Transportation and environment | 17 | 14 | 14 | 12 | 12 | 13 | 14 | 16 | 28 | 12 | 16 |
| Other ${ }^{2}$ | 150 | 136 | 116 | 109 | 103 | 64 | 74 | 69 | 71 | 109 | 69 |
| Sovereign | - | - | - | - | - | - | - | - | - | - | - |
| Bank | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | $\begin{array}{rr}2 & 2 \\ 316 & 302\end{array}$ |  |
|  | 376 | 351 | 344 | 316 | 303 | 256 | 275 | 302 | 324 |  |  |
| Total | 702 | 668 | 679 | 632 | 567 | 524 | 619 | 599 | 561 | 632 | 599 |
| Allowance for loans not yet identified as impaired |  |  |  |  |  |  |  |  |  |  |  |
| Retail |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 84 | 81 | 83 | 78 | 76 | 58 | 57 | 48 | 47 | 78 | 48 |
| Personal | 400 | 398 | 403 | 400 | 396 | 396 | 398 | 405 | 407 | 400 | 405 |
| Credit cards | 385 | 386 | 386 | 385 | 385 | 386 | 384 | 385 | 385 | 385 | 385 |
| Small business | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 60 | 45 | 45 |
|  | 914 | 910 | 917 | 908 | 902 | 885 | 884 | 883 | 899 | 908 883 |  |
| Wholesale | 462 | 459 | 461 | 454 | 457 | 474 | 476 | 477 | 461 | 454 | 477 |
| Off-balance sheet and other items | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Total | 1,467 | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,451 | 1,451 | 1,453 | 1,451 |
| Total allowance for credit losses | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,050 | 2,012 | 2,085 | 2,050 |
| Individually assessed - Impaired | 270 | 245 | 241 | 214 | 189 | 147 | 221 | 240 | 216 | 214 | 240 |
| Collectively assessed - Impaired | 432 | 423 | 438 | 418 | 378 | 377 | 398 | 359 | 345 | 418 | 359 |
| Collectively assessed - Not yet identified as Impaired | 1,467 | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,451 | 1,451 | 1,453 | 1,451 |
| Total allowance for credit losses | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,050 | 2,012 | 2,085 | 2,050 |

${ }^{1}$ Wholesale - Real estate and related allowance for credit losses in Q3/15 is comprised of allowances based in Canada of $\$ 36$ million, United States of $\$$ nil and Other International of $\$ 53$ million.
${ }^{2}$ Wholesale - Other in Q3/15 related to financing products, $\$ 42$ million; health, $\$ 6$ million; holding and investments, $\$ 46$ million; other services, $\$ 28$ million; and other, $\$ 28$ million.

| ALLOWANCE FOR CREDIT LOSSES continued <br> (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Allowance for credit losses on impaired loans by geography ${ }^{1}$ and portfolio Canada |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Residential mortgages | 29 | 31 | 31 | 31 | 31 | 34 | 37 | 36 | 34 | 31 | 36 |
| Personal | 95 | 95 | 98 | 93 | 98 | 107 | 115 | 97 | 86 | 93 | 97 |
| Small business | 18 | 21 | 20 | 19 | 21 | 21 | 22 | 16 | 12 | 19 | 16 |
| Retail | 142 | 147 | 149 | 143 | 150 | 162 | 174 | 149 | 132 | 143 | 149 |
| Business | 148 | 139 | 149 | 160 | 156 | 143 | 157 | 170 | 170 | 160 | 170 |
| Sovereign | - | - | - | - | - | - | - |  | - |  |  |
| Bank | - | - | - | - | - | - | - | - | - | - |  |
| Wholesale | 148 | 139 | 149 | 160 | 156 | 143 | 157 | 170 | 170 | 160 | 170 |
| Canada - Total | 290 | 286 | 298 | 303 | 306 | 305 | 331 | 319 | 302 | 303 | 319 |
| United States |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 1 | 2 | , | , | , | 1 | 2 | 2 | 3 | 1 | 2 |
| Wholesale | 36 | 27 | 28 | 16 | 16 | 12 | 23 | 19 | 35 | 16 | 19 |
| United States - Total | 37 | 29 | 29 | 17 | 17 | 13 | 25 | 21 | 38 | 17 | 21 |
| Other International |  |  |  |  |  |  |  |  |  |  |  |
| Retail | 183 | 168 | 185 | 172 | 113 | 105 | 168 | 146 | 102 | 172 | 146 |
| Wholesale | 192 | 185 | 167 | 140 | 131 | 101 | 95 | 113 | 119 | 140 | 113 |
| Other International - Total | 375 | 353 | 352 | 312 | 244 | 206 | 263 | 259 | 221 | 312 | 259 |
| Total allowance for impaired loans | 702 | 668 | 679 | 632 | 567 | 524 | 619 | 599 | 561 | 632 | 599 |
| Total allowance for loans not yet identified as impaired | 1,467 | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,451 | 1,451 | 1,453 | 1,451 |
| Total allowance for credit losses | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,050 | 2,012 | 2,085 | 2,050 |
| Allowance for credit losses by type |  |  |  |  |  |  |  |  |  |  |  |
| Allowance for loan losses | 2,078 | 2,037 | 2,057 | 1,994 | 1,926 | 1,883 | 1,979 | 1,959 | 1,921 | 1,994 | 1,959 |
| Allowance for off-balance sheet items | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Total | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,050 | 2,012 | 2,085 | 2,050 |
| Impairment allowance - movements (Allowance for credit losses continuity) |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Allowance for impaired loans |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 668 | 679 | 632 | 567 | 524 | 619 | 599 | 561 | 606 | 599 | 636 |
| Amounts written off | (326) | (323) | (315) | (337) | (299) | (374) | (319) | (348) | (381) | $(1,329)$ | $(1,471)$ |
| Recoveries of amounts written off in previous period | 71 | 70 | 65 | 68 | 73 | 62 | 60 | 64 | 88 | 263 | 270 |
| Charge to income statement (Provision for credit losses) ${ }^{2}$ | 270 | 282 | 270 | 345 | 283 | 244 | 292 | 334 | 268 | 1,164 | 1,240 |
| Disposal of loans | - | - | - | - | - | - | - | - | (1) | - | (3) |
| Exchange and other movements ${ }^{3}$ | 19 | (40) | 27 | (11) | (14) | (27) | (13) | (12) | (19) | (65) | (73) |
| Balance at the end of the period | 702 | 668 | 679 | 632 | 567 | 524 | 619 | 599 | 561 | 632 | 599 |
| Allowance for loans not yet identified as impaired |  |  |  |  |  |  |  |  |  |  |  |
| Balance at beginning of period | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,451 | 1,451 | 1,451 | 1,451 | 1,451 |
| Amounts written off | - | - | - | - | - | - | - | - | - | - |  |
| Recoveries of amounts written off in previous period | - | - | - | - | - | - | - | - | - | - |  |
| Charge to income statement (Provision for credit losses) ${ }^{2}$ | - | - | - | - | - | - | - | - | - | - | - |
| Disposal of loans | - | - | - | - | - | - | - | - | - | - | - |
| Exchange and other movements ${ }^{3}$ | 7 | (9) | 16 | 3 | - | (1) | - | - | - | 2 |  |
| Balance at end of the period | 1,467 | 1,460 | 1,469 | 1,453 | 1,450 | 1,450 | 1,451 | 1,451 | 1,451 | 1,453 | 1,451 |
| Impairment allowance (Allowance for credit losses) | 2,169 | 2,128 | 2,148 | 2,085 | 2,017 | 1,974 | 2,070 | 2,050 | 2,012 | 2,085 | 2,050 |

[^7]| CREDIT QUALITY RATIOS | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Diversification ratios <br> Portfolio as a \% of Total loans and acceptances |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 72\% | 73\% | 73\% | 75\% | 75\% | 75\% | 75\% | 76\% | 77\% | 72\% | 74\% | 75\% | 76\% |
| Wholesale | 28\% | 27\% | 27\% | 25\% | 25\% | 25\% | 25\% | 24\% | 23\% | 28\% | 26\% | 25\% | 24\% |
| Canada | 85\% | 86\% | 85\% | 87\% | 87\% | 88\% | 88\% | 89\% | 89\% | 85\% | 87\% | 87\% | 89\% |
| United States | 8\% | 7\% | 8\% | 6\% | 6\% | 6\% | 6\% | 5\% | 5\% | 8\% | 6\% | 6\% | 5\% |
| Other International | 7\% | 7\% | 7\% | 7\% | 7\% | 6\% | 6\% | 6\% | 6\% | 7\% | 7\% | 7\% | 6\% |
| Condition ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross Impaired Loans (GILs) as a \% of Related loans and acceptances | 0.50\% | 0.46\% | 0.46\% | 0.44\% | 0.45\% | 0.45\% | 0.49\% | 0.52\% | 0.50\% | 0.50\% | 0.45\% | 0.44\% | 0.52\% |
| Retail | 0.30\% | 0.31\% | 0.31\% | 0.31\% | 0.31\% | 0.34\% | 0.37\% | 0.34\% | 0.31\% | 0.30\% | 0.31\% | 0.31\% | 0.34\% |
| Wholesale | 1.01\% | 0.87\% | 0.86\% | 0.84\% | 0.85\% | 0.80\% | 0.88\% | 1.11\% | 1.12\% | 1.01\% | 0.85\% | 0.84\% | 1.11\% |
| Canada | 0.30\% | 0.29\% | 0.29\% | 0.29\% | 0.31\% | 0.33\% | 0.33\% | 0.34\% | 0.32\% | 0.30\% | 0.31\% | 0.29\% | 0.34\% |
| United States | 0.53\% | 0.32\% | 0.14\% | 0.11\% | 0.11\% | 0.11\% | 0.38\% | 0.48\% | 0.69\% | 0.53\% | 0.11\% | 0.11\% | 0.48\% |
| Other International | 2.78\% | 2.76\% | 2.83\% | 2.66\% | 2.61\% | 2.49\% | 2.96\% | 3.49\% | 3.20\% | 2.78\% | 2.61\% | 2.66\% | 3.49\% |
| Net Impaired Loans as a \% of Loans and acceptances | 0.35\% | 0.32\% | 0.31\% | 0.30\% | 0.32\% | 0.33\% | 0.35\% | 0.38\% | 0.36\% | 0.35\% | 0.32\% | 0.30\% | 0.38\% |
| Retail | 0.21\% | 0.22\% | 0.22\% | 0.21\% | 0.23\% | 0.26\% | 0.26\% | 0.25\% | 0.23\% | 0.21\% | 0.23\% | 0.21\% | 0.25\% |
| Wholesale | 0.72\% | 0.59\% | 0.58\% | 0.56\% | 0.58\% | 0.57\% | 0.62\% | 0.81\% | 0.79\% | 0.72\% | 0.58\% | 0.56\% | 0.81\% |
| Canada | 0.23\% | 0.22\% | 0.21\% | 0.22\% | 0.23\% | 0.25\% | 0.24\% | 0.25\% | 0.24\% | 0.23\% | 0.23\% | 0.22\% | 0.25\% |
| United States | 0.44\% | 0.23\% | 0.05\% | 0.05\% | 0.05\% | 0.06\% | 0.28\% | 0.39\% | 0.51\% | 0.44\% | 0.05\% | 0.05\% | 0.39\% |
| Other International | 1.67\% | 1.64\% | 1.79\% | 1.62\% | 1.80\% | 1.75\% | 1.95\% | 2.41\% | 2.24\% | 1.67\% | 1.80\% | 1.62\% | 2.41\% |
| PCL as a \% of Average net loans and acceptances | 0.23\% | 0.25\% | 0.24\% | 0.31\% | 0.26\% | 0.23\% | 0.27\% | 0.32\% | 0.26\% | 0.24\% | 0.26\% | 0.27\% | 0.31\% |
| PCL on impaired loans as a \% of Average net loans and acceptances | 0.23\% | 0.25\% | 0.24\% | 0.31\% | 0.26\% | 0.23\% | 0.27\% | 0.32\% | 0.26\% | 0.24\% | 0.26\% | 0.27\% | 0.31\% |
| Retail | 0.25\% | 0.26\% | 0.25\% | 0.31\% | 0.27\% | 0.26\% | 0.31\% | 0.33\% | 0.25\% | 0.25\% | 0.28\% | 0.29\% | 0.29\% |
| Wholesale | 0.18\% | 0.22\% | 0.20\% | 0.29\% | 0.24\% | 0.16\% | 0.16\% | 0.27\% | 0.27\% | 0.20\% | 0.19\% | 0.21\% | 0.37\% |
| Canada | 0.24\% | 0.22\% | 0.24\% | 0.24\% | 0.24\% | 0.23\% | 0.27\% | 0.27\% | 0.25\% | 0.23\% | 0.25\% | 0.25\% | 0.26\% |
| United States | 0.05\% | 0.12\% | 0.09\% | 0.49\% | 0.07\% | 0.02\% | 0.02\% | (0.14)\% | 0.43\% | 0.09\% | 0.04\% | 0.16\% | 0.16\% |
| Other International | 0.25\% | 0.71\% | 0.37\% | 1.00\% | 0.73\% | 0.42\% | 0.55\% | 1.49\% | 0.25\% | 0.44\% | 0.57\% | 0.69\% | 1.13\% |
| Coverage ratios |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ACL as a \% of Total loans and acceptances | 0.45\% | 0.46\% | 0.46\% | 0.46\% | 0.46\% | 0.45\% | 0.48\% | 0.49\% | 0.49\% | 0.45\% | 0.46\% | 0.46\% | 0.49\% |
| ACL against impaired loans as a \% of Total loans and acceptances | 0.15\% | 0.14\% | 0.15\% | 0.14\% | 0.13\% | 0.12\% | 0.14\% | 0.14\% | 0.14\% | 0.15\% | 0.13\% | 0.14\% | 0.14\% |
| Retail | 0.07\% | 0.07\% | 0.07\% | 0.07\% | 0.06\% | 0.06\% | 0.08\% | 0.07\% | 0.06\% | 0.07\% | 0.06\% | 0.07\% | 0.07\% |
| Wholesale | 0.08\% | 0.08\% | 0.07\% | 0.07\% | 0.07\% | 0.06\% | 0.06\% | 0.07\% | 0.08\% | 0.08\% | 0.07\% | 0.07\% | 0.07\% |
| ACL against impaired loans as a \% of GIL | 29.52\% | 31.14\% | 31.84\% | 31.98\% | 28.38\% | 26.50\% | 29.30\% | 27.22\% | 27.08\% | 29.52\% | 28.38\% | 31.98\% | 27.22\% |
| Retail | 31.60\% | 30.35\% | 31.65\% | 30.87\% | 25.49\% | 24.44\% | 28.96\% | 27.20\% | 24.12\% | 31.60\% | 25.49\% | 30.87\% | 27.20\% |
| Wholesale | 27.92\% | 31.89\% | 32.03\% | 33.18\% | 31.48\% | 29.11\% | 29.73\% | 27.24\% | 29.75\% | 27.92\% | 31.48\% | 33.18\% | 27.24\% |
| Total net write-offs as a \% of Average net loans and acceptances | 0.22\% | 0.23\% | 0.22\% | 0.24\% | 0.21\% | 0.30\% | 0.24\% | 0.27\% | 0.28\% | 0.22\% | 0.25\% | 0.25\% | 0.30\% |
| Retail | 0.25\% | 0.27\% | 0.25\% | 0.25\% | 0.26\% | 0.34\% | 0.24\% | 0.26\% | 0.24\% | 0.25\% | 0.28\% | 0.27\% | 0.26\% |
| Wholesale | 0.13\% | 0.12\% | 0.13\% | 0.22\% | 0.06\% | 0.18\% | 0.24\% | 0.31\% | 0.41\% | 0.12\% | 0.16\% | 0.17\% | 0.42\% |
| Canada | 0.23\% | 0.22\% | 0.23\% | 0.23\% | 0.23\% | 0.25\% | 0.25\% | 0.25\% | 0.26\% | 0.23\% | 0.24\% | 0.24\% | 0.26\% |
| United States | (0.01)\% | 0.11\% | (0.02)\% | 0.49\% | 0.00\% | 0.19\% | (0.02)\% | 0.07\% | 0.48\% | 0.03\% | 0.06\% | 0.17\% | 0.24\% |
| Other International | 0.32\% | 0.37\% | 0.35\% | 0.12\% | 0.14\% | 1.15\% | 0.35\% | 0.79\% | 0.50\% | 0.35\% | 0.53\% | 0.42\% | 0.87\% |


| AND PORTFOLIO ${ }^{1}$ <br> (Millions of Canadian dollars) | Loans and acceptances |  | Other ${ }^{2}$ | $\begin{gathered} \text { Repo-style } \\ \text { transactions }{ }^{3} \end{gathered}$ | Derivatives ${ }^{4.5}$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Oustanding |  |  |  |  |  |
| Credit risk exposure by geography ${ }^{6}$ and porttolio |  |  |  |  |  |  |
| Canada |  |  |  |  |  |  |
| Residential mortgages | 225,128 |  | ${ }^{158}$ |  |  | 225,286 |
| Personal | 85,183 15206 | 87,510 20.965 | ${ }^{136}$ |  |  | 172,829 <br> 36191 |
| Credit cards | 15,226 | ${ }^{20,965}$ |  |  |  | 36,191 |
| Small business | 4.012 | 5,246 | 8 |  |  | 9,266 |
| Retail | 329,549 | 113,721 | 302 |  |  | 443,572 |
| Business | 70,461 | 32,168 | 17,513 | ${ }^{23,973}$ | 18.965 | 163,080 |
| Sovereign | 3,869 | 3,821 | 18,240 | 19,029 | 4,128 | 49,087 |
|  | 547 | 193 | 39,792 | 16,033 | 5.044 |  |
| Wholesale | 74,877 | 36,182 | 75,545 | 59,035 | 28,137 | 273,776 |
| Total Canada | 404,426 | 149,903 | 75,847 | 59,035 | 28,137 | 717,348 |
| United States |  |  |  |  |  |  |
| Residential mortgages | 737 |  |  |  |  | 737 |
| ${ }^{\text {Personal }}$ Credit cards | 4,472 77 | 320 617 | 4 |  |  | $\begin{array}{r}4,796 \\ 694 \\ \hline\end{array}$ |
| Credit cards <br> Small business |  |  |  |  |  |  |
| Retail |  |  |  |  |  |  |
| Business | 33,739 | 53,579 | 19,734 | 111,904 | 10,367 | 229,323 |
| Sovereign |  | 874 | 6,104 | 1,826 | 911 | 9,715 |
| Bank | 100 | 399 | 11,578 | 58,897 | 3,347 | 74,321 |
| Wholesale | 33,839 | 54,852 | 37,416 | 172,627 | 14,625 | 313,359 |
| Total United States | 39,125 | 55,789 | 37,420 | 172,627 | 14,625 | 319,586 |
| Other International |  |  |  |  |  |  |
| Residential mortgages | 3,223 |  | 30 |  |  | 3,253 |
| Personal | 5,164 | 230 | 6 |  |  | 5,400 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | 8,628 | ${ }^{378}$ | ${ }^{36}$ |  |  | 9,042 |
| Business | 23,094 | 17,027 | 6,786 | 64.807 | 25,074 | 136,788 |
| Sovereign | 1,453 | 1,168 | ${ }^{34,625}$ | ${ }^{11,003}$ | 5,332 | 53,541 |
| Wholesale | 25,259 | ${ }_{18}{ }^{4463}$ | 34,663 76,074 | 34,382 110,192 | 19.006 | $\begin{array}{r}\text { 89,245 } \\ 27954 \\ \hline 295\end{array}$ |
|  | 25,259 | 18,637 | 76,074 | 110,192 | 49,412 | 279,574 |
| Total Other International | 33,887 | 19,015 | 76,110 | 110,192 | 49,412 | 288,616 |
| Total exposure | 477,438 | 224,707 | 189,377 | 341,854 | 92,174 | 1,325,550 |


| 219,090 | 217,911 | 215,780 | 212,061 | 207,936 | 206,918 | 206,134 | 203,446 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 171,567 | 170,747 | 170,535 | 169,554 | 167,506 | 164,631 | 162,970 | 161,831 |
| 37,237 | 37,225 | 35,679 | 33,646 | 32,331 | 33,397 | 33,853 | 34,327 |
| 9.039 | 8,848 | 8,707 | 8,516 | 8,385 | 8,229 | 8,110 | 8,106 |
| 436,933 | 434,731 | 430,701 | 423,777 | 416,158 | 413,175 | 411,067 | 407,710 |
| 158,930 | 161,445 | 148,073 | 145,400 | 136,672 | 141,801 | 140,075 | 138,019 |
| 53.178 | 48,626 | 42.826 | 41,022 | 41,895 | 43,027 | 38.859 | 40.144 |
| ${ }_{55,016}$ | ${ }_{59,838}$ | 52,479 | 57,388 | 58,426 | 56,900 | 50,406 | 57,019 |
| 267,124 | 269,909 | 243,378 | 24,880 | 236,993 | 241,728 | 229,340 | 235,182 |
| 704,057 | 704,640 | 674,079 | 667,587 | 653,151 | 654,903 | 640,407 | 642,892 |
| 618 | 634 | 540 | 479 | 445 | 420 | 378 | 350 |
| 4,555 | 5,024 | 4,376 | 4,144 | 4,098 | 3,918 | 3,579 | 3,390 |
| 649 | 659 | 578. | 545 | 545 | 544 | 310 | 293 |
| 5,822 | 6,317 | 5,494 | 5,168 | 5,088 | 4,882 | 4,267 | 4,033 |
| 198,250 | 204,665 | 185,043 | 187,901 | 165,924 | 166,735 | 152,020 | 48,833 |
| 4,493 | 7,212 | 7,410 | 2,126 | 2,227 | 2,095 | 2,039 | 2,547 |
| 63,931 | 67,452 | 60,220 | 60,219 | 63,875 | 66,216 | 53,606 | 53,656 |
| 266,674 | 279,329 | 252,673 | 250,246 | 232,026 | 235,046 | 207,665 | 205,036 |
| 272,496 | 285,646 | 258,167 | 255,414 | 237,114 | 239,928 | 211,932 | 209,069 |
| 3,043 | 3,221 | 3,134 | 2,983 | 2.874 | 2,908 | 2,726 | 2,645 |
| 5,231 | 5,832 | 5,229 | 5,009 | 4,770 | 4,836 | 4,206 | 3,983 |
| 376 | 398 | 356 | 338 | 331 | 336 | 326 | 325 |
| 650 | 451 | 8,719 | 8,330 | 7,975 | ,080 | 7,258 | 6,953 |
| 118,043 | 122,809 | 98,909 | 90,818 | 92,297 | 92,963 | 78,018 | 84,824 |
| 45,580 | 45,547 | 41,526 | 42,272 | 42,994 | 44,711 | 39,326 | ${ }^{38,647}$ |
| 90,202 | 88,263 | 80,125 | 77,354 | 80,418 | 80,590 | 73,781 | 69,055 |
| 253,825 | 256,619 | 220,560 | 210,444 | 215,709 | 218,264 | 191,125 | 192,526 |
| 262,475 | 266,070 | 229,279 | 218,774 | 223,684 | 226,344 | 198,383 | 199,479 |
| 1,239,028 | 1,256,356 | 1,161,525 | 1,141,775 | 1,113,949 | 1,121,175 | 1,050,722 | 1,051,440 |

${ }_{2}^{1}$ Grosss creditit isk exposuru is before allowance for loan losses. Exposure under Basel III asset classes of qualifing revolving retaia and other retail are largel)
${ }^{2}$ Includes contingent liabilities such as leteres of credit and guarantees, avilabbe-for-sale debt securties, depos



| RECONCILIATION OF GROSS CREDIT RISK EXPOSURE TO BALANCE SHEET <br> (Millions of Canadian dollars) | Q3/15 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 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 | - | - | 18,494 | - | - | 18,494 | 1,482 | 19,976 |
| Interest-bearing deposits with banks | - | - | 10,731 | - | - | 10,731 | - | 10,731 |
| Securities |  |  |  |  |  |  |  |  |
| Trading | - | - | - | - | - | - | 172,370 | 172,370 |
| Available-for-sale | - | - | 63,145 | - | - | 63,145 | - | 63,145 |
| Assets purchased under reverse repurchase agreements and securities borrowed | - | - | - | 172,659 | - | 172,659 | - | 172,659 |
| Loans |  |  |  |  |  |  |  |  |
| Retail | 343,463 | - | - | - | - | 343,463 | - | 343,463 |
| Wholesale | 121,214 | - | - | - | - | 121,214 | - | 121,214 |
| Allowance for loan losses |  | - | - | - | - | - | $(2,078)$ | $(2,078)$ |
| Customers' liability under acceptances | 12,761 | - | - | - | - | 12,761 | (1) | 12,761 |
| Derivatives | - | - | - | - | 112,459 | 112,459 | - | 112,459 |
| Other ${ }^{1}$ | - | - | 3,201 | - | - | 3,201 | 55,272 | 58,473 |
| Total balance sheet assets | 477,438 | - | 95,571 | 172,659 | 112,459 | 858,127 | 227,046 | 1,085,173 |
| Undrawn commitments | - | 224,707 | - | - | - | 224,707 |  |  |
| Repo-style transactions ${ }^{2}$ | - | - | - | 145,929 | - | 145,929 |  |  |
| Netting and other valuation adjustments ${ }^{3}$ | - | - | - | 23,266 | $(20,285)$ | 2,981 |  |  |
| Other ${ }^{4}$ | - | - | 93,806 | - | - | 93,806 |  |  |
| Total credit risk exposure | 477,438 | 224,707 | 189,377 | 341,854 | 92,174 | 1,325,550 |  |  |

[^8]| EXPOSURE COVERED BY CREDIT RISK MITIGATION (Millions of Canadian dollars) | Q3/15 |  |  |  | Q2/15 |  |  |  | Q1/15 |  |  |  | Q4/14 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Standardized |  | $1 \mathrm{IBB}^{2}$ |  | Standardized |  | $\mathrm{IRB}^{2}$ | Total | Standardized |  | $1 \mathrm{IBB}^{2}$ | Total | Standardized |  | $1 \mathrm{IBB}^{2}$ |  |
|  | $\begin{gathered} \text { Eligible } \\ \text { financial } \end{gathered}$ | Guarantees/ | $\begin{aligned} & \text { Guarantees/ } \\ & \text { credit } \end{aligned}$ |  | Eligible financial | Guarantees/ credit | Guarantees/ credit |  | Eligible <br> financialGuarantees/ <br> credit |  | Guarantees/ credit |  | Eligible | Guarantees/ | Guarantees/ |  |
|  | collateral ${ }^{1}$ | derivatives | derivatives | Total | collateral ${ }^{1}$ | derivatives | derivatives |  | collateral ${ }^{\text {a }}$ | derivatives | derivatives |  | collateral ${ }^{1}$ | derivatives | derivatives | Total |
| Retail |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Resisonnal }}$ Rentiages |  | ${ }^{9,820}$ | 74,711 | 84,531 |  | 9,804 | 73,618 | 83,422 | - | 9,824 | 73,515 | 83,339 |  | 9,688 | 72,059 | 81,747 |
|  |  | 8,719 | 925 | 9,644 |  | 8,046 | 952 | 8,998 | - | 8,365 | 945 | 9,310 | 1 | 8,100 | 939 | 9,040 |
|  |  |  | 275 | 275 |  |  | 272 |  |  |  | 268 | 268 |  |  | 268 |  |
| Wholesale |  | 18,539 | 75,911 | 94,450 |  | 17,850 | 74,842 | 92,692 |  | 18,189 | 74,728 | 92,917 | 1 | 17,788 | 73,266 | 91,055 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Susiness | 10,083 |  | 2,745 | 12,828 | 7,774 |  | 2,852 | 10,626 | 8,640 |  | 2,911 | 11,551 | ${ }_{\text {11,859 }}^{11}$ |  | 2,954 | 14,813 11 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 53,186 | 1,253 |  | 54,439 |
|  | 10,083 |  | 2,745 | 12,828 | 7,774 |  | 2,852 | 10,626 | 8,640 |  | 2,911 | 11,551 | 65,056 | 1,253 | 2,954 | 69,263 |
| Total exposure covered by credit risk mitigation | 10,083 | 18.539 | 78,656 | 107,278 | 7,774 | 17,850 | 77,694 | 103,318 | 8.640 | 18.189 | 77,639 | 104,468 | 65.057 | 19,041 | 76,220 | 160,318 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CREDIT EXPOSURE BY RESIDUAL CONTRACTUAL MATURITY (Millions of Canadian dollars) | Q3/15 |  |  |  | Q2/15 |  |  |  | 91/15 |  |  |  | Q4/14 |  |  |  |
|  |  | Residual contractual maturity term |  |  | Residual contractual maturiy term |  |  |  | Residual contractual maturity term |  |  |  | Residual contractual maturity term |  |  |  |
|  | Within 1 | $\begin{aligned} & 1 \text { to } 5 \\ & \text { vears } \end{aligned}$ | Over | Total | Within 1 | $1 \text { to } 5$ |  | Total | Within 1 | 1 to 5 |  | Total | Within 1 | $\begin{aligned} & 1 \text { to } 5 \\ & \text { years } \end{aligned}$ |  | Total |
| Lending-related and other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Outstanding loans and acceptances | 211,157 | 240,631 | 25,650 | 477,438 | 200,061 | 234,565 | 28,358 | 462,984 | 192,098 | 241,504 |  | 462,049 |  |  |  |  |
| Undraum commitments | 152,729 | 240,370 | ${ }^{2 \times 1,608}$ | 224,707 | 147,442 | ${ }_{6}^{261,041}$ | 1,799 | 210,282 | 147,995 | ${ }_{\text {2 }} \times 1,424$ | 1,409 | ${ }_{212,828}^{42,04}$ | 142,429 | ${ }^{51,473}$ | ${ }_{2,020}^{2,10}$ | 201,922 |
| Other ${ }^{3}$ | 141,493 | 39,271 | 8.613 | 189,377 | 121,633 | 35,514 | 6.492 | 163,639 | 125,086 | 31,587 | 6,329 | 163,002 | 115,800 | 31,723 | 5.384 | 152,907 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repo-style transactions ${ }^{4}$ | 323,459 | 18,395 |  | 341,854 | 302,060 | 17,589 |  | 319,649 | 322,684 | 834 |  | 323,518 | 284,222 | 493 |  | 284,715 |
| Derivatives ${ }^{\text {a }}$ | 29,121 | 29,062 | 33,991 |  | 25,740 | 25.349 | 31,385 |  | 34,182 | 26,710 | 34,067 | 94,959 | 23.806 | 23,904 | 25.586 | 73,296 |
|  | 352,580 | 47,457 | 33,991 | 434,028 | 327,800 | 42,938 | ${ }^{31,385}$ | 402,123 | 356,866 | 27,544 | 34,067 | 418,477 | 308,028 | 24,397 | 25,586 | 358,011 |
| Total exposure ${ }^{6}$ | 857,959 | 397,729 | 69.862 | 1,325.550 | 796,936 | 374,058 | 68.034 | 1,239,028 | 822,045 | 364,059 | 70,252 | 1,256,356 | 748,460 | 350,562 | 62.503 | 1,161.525 |

${ }^{1}$ Eligibe financial collateral includes cash and deposits, gold, as well as qualifying debt securrities, equities and mutual funds. Decrease in eligible financial collateral as at $\mathbf{Q 1} / 1 / 5$ mainly relates to RBC Investor Services credit expos
${ }^{2}$ Under the IRB Approach, disclosure on eligible financial collateral is not required as the beneefit the collateral provides has been taken into account in the Loss Given Defaut (LGD) estimates in our internal LGD risk rating system.
ncludes contingent liabilities such as letters of credit and guarantees, avaiable-for-sale debt securtites, deposits with financial institutions and other assets.
${ }_{5}^{4}$ Includes repurchase and reverse repurchase agreements and securties lending and borrowing transactions.
${ }^{5}$ Credit equivalent amount atter factoring in master netting agreements.
eresents exposure at defaut, 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 EXPOSURE OF PORTFOLIOS UNDER THE
STANDARDIZED APPROACH BY RISK WEIGHT (Millions of Canadian dollars, except percentage amo

| Risk weight ${ }^{2}$ |
| :--- | :--- |
| $0 \%$ |
| $20 \%$ |
| $35 \%$ |
| $50 \%$ |
| $75 \%$ |
| $100 \%$ |
| $150 \%$ |
| Total |


| ACTUAL LOSSES VS. ESTIMATED LOSSES |
| :--- |
| Residential mortgages <br> Personal <br> Credit cards <br> Small business <br> Retail |
| Business <br> Sovereign <br> Bank <br> Wholesale |


| BASEL PILLAR 3 BACK-TESTING (INTERNAL RATINGS BASED) ${ }^{6}$ | Q3 2015 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average probability of default (PD) |  | Average loss given default (LGD) |  | Average Exposure at Default (EAD) ${ }^{7}$ |  |
|  | Actual \% | Estimated\% | Actual \% | Estimated\% | Actual \% | Estimated \% |
| Retail |  |  |  |  |  |  |
| Residential mortgages |  |  |  |  |  |  |
| Uninsured | 0.64\% | 1.27\% | 5.26\% | 14.03\% | 100.00\% | 100.00\% |
| Insured | 1.04\% | 2.25\% | 0.00\% | 0.00\% | 100.00\% | 100.00\% |
| Personal | 0.66\% | 1.22\% | 53.92\% | 57.75\% | 96.10\% | 98.69\% |
| Credit cards | 0.92\% | 1.43\% | 92.40\% | 95.81\% | 92.01\% | 93.18\% |
| Small business | 2.19\% | 4.28\% | 42.12\% | 71.94\% | 96.65\% | 97.86\% |
| Wholesale |  |  |  |  |  |  |
| Business | 0.64\% | 3.47\% | 19.17\% | 27.16\% | 16.45\% | 24.72\% |
| Sovereign | 0.00\% | 0.47\% | n.a | 28.64\% | n.a | 25.39\% |
| Bank | 0.08\% | 0.84\% | n.a | 42.87\% | n.a | 11.19\% |
| BASEL PILLAR 3 BACK-TESTING (INTERNAL RATINGS BASED) ${ }^{8}$ | Q2 2015 |  |  |  |  |  |
|  | Average probability of default (PD) |  | Average loss given default (LGD) |  | Average Exposure at Default (EAD) ${ }^{7}$ |  |
|  | Actual \% | Estimated \% | Actual \% | Estimated \% | Actual \% | Estimated \% |
| Retail |  |  |  |  |  |  |
| Residential mortgages |  |  |  |  |  |  |
| Uninsured | 0.64\% | 1.27\% | 5.06\% | 14.07\% | 100.00\% | 100.00\% |
| Insured | 1.15\% | 2.49\% | 0.00\% | 0.00\% | 100.00\% | 100.00\% |
| Personal | 0.68\% | 1.25\% | 52.83\% | 56.69\% | 95.74\% | 98.66\% |
| Credit cards | 0.93\% | 1.50\% | 91.92\% | 95.81\% | 92.02\% | 93.25\% |
| Small business | 2.28\% | 4.38\% | 43.52\% | 72.50\% | 96.41\% | 97.88\% |
| Wholesale |  |  |  |  |  |  |
| Business | 0.70\% | 3.45\% | 19.58\% | 27.10\% | 16.01\% | 24.70\% |
| Sovereign | 0.00\% | 0.54\% | 13.74\% | 28.72\% | n.a. | 25.35\% |
| Bank | 0.08\% | 0.97\% | n.a. | 42.59\% | n.a. | 11.25\% |

${ }^{1}$ 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.
To determine the appropriate risk weight, credit assessments by OSFI-recognized external credit rating agencies of S\&P, Moody's, Fitch and DBRS are used. For rated exposures, primarily in the sovereign and bank classes, we assign the risk weight corresponding to OSFl's standard mapping. For unrated exposures, mainly in the business and retail classes, we generally apply OSFI prescribed risk weights in accordance with OSFl's standards and guidelines taking into consideration certain exposure specific factors including counterparty type, exposure type and credit risk mitigation technique employed.
Actual loss reflects internal credit loss experience reaiized over a given period. Actual loss rate is the sum of provision for creait losses on impaired loans divided by average of loans and acceptances period end outstanding or 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 defaut x loss given default x exposure at defaut, estimated based on available historical loss data. Estimated loss rate is the
expected loss divided by loans and acceptances outstanding at the beginning of the appicable consecuive 4 -quarter period defined above. Actual loss will normaly 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
${ }^{6}$ Back-testing is performed to check the effectiveness of the models used to measure PD, LGD and EAD. Estimated percentages are as of April 30,2014 (April 30,2013 for Retail LGD) and actual percentages reflect experience in the following 12 months
4 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 January 31, 2014 (January 31, 2013 for Retail LGD) and actual percentages reflect experience in the following 12 months ( 24 months for Retail LGD).

| CREDIT QUALITY OF ADVANCED INI BASED (AIRB) EXPOSURE - RETALL BY PORTFOLIO AND RISK RATING (Millions of Canadian dollars, except | ERNAL RATINGS PORTFOLIOS <br> percentage amounts) | $\begin{aligned} & \text { Exposure } \\ & \text { at default } \\ & \left(\text { (EAD) }{ }^{1}\right. \end{aligned}$ | $\begin{gathered} \text { Notional } \\ \text { of undrawn } \\ \text { commitments } \end{gathered}$ | $\begin{gathered} \text { Exposure } \\ \text { weighted- } \\ \text { average } \\ \text { EAD \% }{ }^{2} \end{gathered}$ | Exposure weighted- provas. probality of detaut (PD) $\%^{2}$ | $\underset{\substack{\text { Qxisosure } \\ \text { weighted- } \\ \text { averge } \\ \text { loss given } \\ \text { defaut (LGD) } \%^{2}}}{ }$ |  | $\begin{gathered} \begin{array}{c} \text { Risk } \\ \text { weighted } \\ \text { asses } \end{array} \\ \text { (RWA) } \end{gathered}$ | Expected <br> losses <br> (EL) | $\begin{gathered} \text { EL adjusted } \\ \text { average } \\ \text { reight } \\ \text { wight }(\%) \end{gathered}$ | Exposure (EAD) ${ }^{1}$ (EAD) | Notional of undrawn commitments | Exposure weightedEAD \% ${ }^{2}$ | $\begin{gathered} \text { Exposure } \\ \text { weighted. } \\ \text { everage } \\ \text { probability of } \\ \text { default (PD) } \%^{2} \end{gathered}$ |  | Exposure weightedaverage $\stackrel{\text { risk }}{\text { weight } \%^{2}}$ | $\begin{aligned} & \text { Risk } \\ & \text { weighted } \\ & \text { asses } \\ & \text { (RWA) } \end{aligned}$ | Expected losses <br> (EL) | $\begin{gathered} \text { EL adjusted } \\ \text { avergase } \\ \text { risk } \\ \text { weight (\%) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Portiolio / Risk Category Pd range (\%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential Mortgages and HELOCs ${ }^{3}$ Insured Drawn and Undrawn |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exceptionaly low risk | 0.000\% to 0.108\% | 75.570 | . |  | 0.01\% | 13.60\% | 0.04\% | 33 |  | 0.04\% | 74,379 |  |  | 0.01\% | 13.58\% | 0.04\% | 30 |  |  |
|  | 0.109\% $10.0 .214 \%$ |  |  |  | 0.16\% | 14.16\% | 0.00\% |  |  | 0.00\% | 50 |  |  | 0.19\% | 13.90\% | 0.00\% |  |  | 0.00\% |
| Very low risk | 0.215\% to 0.308\% | 804 |  |  | 0.30\% | 13.38\% | 7.09\% | 57 |  | 7.09\% | 750 |  |  | 0.30\% | 13.36\% | 7.22\% | 54 |  |  |
|  | 0.399\% to 0.590\% | 92 | . |  | 0.47\% | 14.79\% | 11.14\% | 10 |  | 11.14\% | 94 |  |  | 0.48\% | 14.84\% | 11.00\% | 10 |  | 11.00\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exceptionally low risk | 0.000\% to $0.108 \%$ | 51,186 | 63,480 | 80.63\% 100.00\% | ${ }^{0.09 \%}$ | 12.66\% $35.59 \%$ | 2.70\% | 1,382 3 | 6 | $2.84 \%$ <br> $13.16 \%$ | 50,339 | 62,515 | 80.52\% 10.00\% | ${ }^{0.09 \%}$ | 12.66\% $35.59 \%$ |  | 1,359 3 | 6 | $2.84 \%$ $12.42 \%$ |
|  | 0.109\% to 0.2.24\% |  | 22 |  | 0.17\% | 35.59\% | 12.42\% | 3 |  | 13.16\% | ${ }^{21}$ | ${ }^{21}$ | 100.00\% | 0.17\% | 35.59\% | 12.42\% | 3 |  | 12.42\% |
| Very low risk |  | 1,381 | 1,462 | 94.48\% | 0.56\% | 12.66\% | 10.67\% | 147 | 1 | 11.55\% | 1,403 | 1,486 | 94.44\% | 0.56\% | 12.66\% | 10.67\% | 150 | 1 | 11.55\% |
| Low risk | 0.591\% to 0.040\% |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Medium risk | 1.041\% to $1.7 .78 \%$ | ${ }^{1}$ | 1 | ${ }^{100.00 \%}$ | ${ }^{1.31 \%}$ | 35.59\% | 0.00\% | 97 |  |  | 2 | 2 | 100.00\% | 1.31\% | 35.59\% | 0.00\% |  |  |  |
|  | 1.779\% to $2.969 \%$ | 1,123 | 1,167 | 96.22\% | 2.21\% | ${ }^{12.72 \%}$ | 26.45\% | 297 | 3 | 29.97\% | 1,050 | 1,091 | 96.20\% | 2.20\% | ${ }^{12.68 \%}$ | 26.19\% | 275 | 3 | 29.67\% |
|  | 2.97\% to 6.430\% | 92 | 76 | 121.00\% | 4.01\% | 12.66\% | 37.06\% | 34 |  | 43.40\% | 67 | 54 | 122.0\% | 4.01\% | 12.66\% | 37.06\% | 25 |  | 37.06\% |
| High risk | 6.431\% to $09.99 \%$ | 126 | 128 | 98.03\% | 14.19\% | 12.66\% | 56.67\% | 71 | 2 | 79.11\% | 127 | 130 | 97.85\% | 14.87\% | 12.66\% | 57.02\% | 72 | 3 | 82.00\% |
| Default $100 \%$ <br> Total Uninsured Undrawn  |  | . | 6 | 0.00\% | 0.00\% | 0.00\% | . |  |  | 0.00\% | . | 6 | 0.00\% | 0.00\% | 0.00\% | . |  |  | 0.00\% |
|  |  | 53,931 | 66,342 | 81.29\% | 0.19\% | 12.67\% | 3.59\% | 1,935 | 12 | 3.88\% | 53,09 | 65,305 | 81.17\% | 0.18\% | 12.67\% | 3.55\% | 1,884 | ${ }^{13}$ | 3.84\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Uninsured Drawn Exceptionaly low risk | 0.000\% to 0.108\% | 120,638 | n.a | n.a | 0.10\% | 14.14\% | 3.30\% | 3,977 | 17 | 3.47\% | 117,766 | n.a. | n.a. | 0.10\% | 14.08\% | 3.28\% | 3,868 | 16 | 3.46\% |
| Exceptionaly low risk | 0.109\% to 0.214\% | 117 | n.a | n.a | 0.17\% | 35.59\% | ${ }^{12.42 \%}$ | 14 |  | ${ }^{12.42 \%}$ | ${ }^{93}$ | n.a. | n.a. | ${ }^{0.17 \%}$ | 35.59\% | 12.42\% | ${ }^{12}$ |  | 12.42\% |
| Very low risk | $0.215 \%$ to 0.308\% | 51 | n.a | n.a | 0.27\% | 33.44\% | 16.84\% | 9 |  | 16.84\% | 52 | n.a. | n.a. | 0.27\% | 33.44\% | 16.84\% | 9 |  | 16.84\% |
|  | 0.399\% t0 0.590\% | 13,807 | n.a | n.a | 0.53\% | 14.45\% | 11.69\% | 1,614 | 11 | 12.64\% | 13,983 | n.a. | n.a | 0.53\% | 14.37\% | 11.66\% | 1,630 | 11 | 12.61\% |
| Low ris | 0.591\% to 0.040\% | 15 | n.a | n.a | 0.85\% | 47.84\% | 53.86\% | ${ }^{\circ}$ |  | 53.88\% | 16 | n.a. | n.a. | 0.85\% | 47.84\% | 53.86\% |  |  | 53.86\% |
|  | 1.041\% to $1.788 \%$ | 10,011 | n.a | n.a | 1.54\% | 15.35\% | 25.41\% | 2,543 | 24 | 28.35\% | 9,264 | n.a. | n.a. | 1.53\% | 15.44\% | 25.53\% | 2,365 | 22 | 28.48\% |
| Medium risk | 1.719\% to 2.969\% | 4,085 | n.a | n.a | 2.11\% | 12.84\% | 25.97\% | 1,061 | 11 | 29.37\% | 4,175 | n.a. | n.a. | 2.11\% | 12.82\% | 25.98\% | 1,085 | 11 | 29.38\% |
|  | 2.970\% to 6.430\% | 1,474 | n.a | n.a | 4.69\% | 15.71\% | 50.10\% | 739 | 11 | 59.34\% | 1,469 | n.a. | n.a. | 4.71\% | 15.65\% | 50.23\% | 738 | 11 | 59.50\% |
| High risk | 6.431\% to $99.99 \%$ | 3,653 | n.a | n.a | 22.71\% | 14.63\% | 68.48\% | 2,501 | 121 | 109.96\% | 3,593 | n.a. | n.a. | 24.03\% | 14.53\% | 68.35\% | 2,456 | 123 | 111.09\% |
| DefautTotal Uninsured Drawn |  | 348 | n.a | n.a | 100.00\% | 15.06\% | 78.47\% | 273 | 39 | 218.61\% | 366 | n.a | n.a. | 100.00\% | 14.86\% | 78.62\% | 288 | 40 | 216.45\% |
|  |  | 154,199 | n.a | n.a | 1.09\% | 14.27\% | 8.26\% | 2,739 | 234 | 0.15\% | 150,777 | n.a. | n.a. | 1.14\% | 14.21\% | 8.26\% | 2,459 | 234 | 10.20\% |
| Qualitying Revolving Credit |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exceptionaly low risk | 0.000\% to 0.108\% |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 0.109\% to 0.214\% | 38,267 | 32,215 | 85.50\% | 0.21\% | 88.10\% | 9.83\% | 3,763 | 71 | 12.16\% | 37,836 | 32,161 | 85.28\% | 0.21\% | 88.19\% | 9.84\% | 3,724 | 71 | 12.17\% |
| Very low risk | 0.215\% to 0.308\% | 10,668 | 13,499 | 74.37\% | 0.26\% | 82.60\% | 10.96\% | 1,169 | ${ }^{23}$ | 13.66\% | 11,169 | 14,106 | 74.25\% | 0.26\% | 83.69\% | 11.03\% | 1,232 | 24 | 13.75\% |
|  | 0.399\% to 0.590\% | ${ }^{8,839}$ | 10,050 | 67.10\% | 0.38\% | 93.04\% | ${ }^{16.72 \%}$ | 1,478 | 31 | ${ }^{21.16 \%}$ | 9,349 | 10,685 | 67.21\% | ${ }^{0.39 \%}$ | ${ }^{93.23 \%}$ | 16.82\% | ${ }^{1,573}$ | ${ }^{33}$ | 21.30\% |
| Low risk | 0.591\% to 0.040\% | 2,549 | 5,314 | 46.84\% | 0.76\% | 81.33\% | 24.63\% | 628 | 15 | 32.18\% | 2,625 | 5,408 | 47.43\% | 0.77\% | 81.65\% | 24.86\% | 653 | 16 | 32.49\% |
|  | 1.041\% to $0.778 \%$ | 5,762 | 2,543 | ${ }^{87.53 \%}$ | 1.50\% | ${ }^{88.99 \%}$ | ${ }^{46.05 \%}$ | 2,654 | 77 47 | ${ }_{91}^{62.71 \%}$ | 5.838 2062 | 2,622 1,249 1 | 87.54\% | 1.50\% | $89.10 \%$ $87.35 \%$ | 46.11\% | 2,692 1.332 | 78 44 | ${ }_{9}^{62.79 \%}$ |
| Medium risk | 1.779\% to $2.969 \%$ | 1,957 | 1,181 | 88.45\% | 2.41\% | 87.26\% | 64.61\% | 1,264 | 42 | 91.26\% | 2,062 | 1,249 | 88.45\% | 2.39\% | 87.35\% | 64.62\% | 1,332 | 44 | 91.26\% |
|  | 2.970\% to $6.430 \%$ | 4,495 | 1,773 | 88.31\% | 4.56\% | 85.95\% | 97.59\% | 4,386 | 175 | 146.24\% | 4,594 | 1,803 | 88.13\% | 4.54\% | ${ }^{86.21 \%}$ | 97.77\% | 4,491 | 179 | 146.48\% |
| High risk | 6.431\% to 99.99\% | 1,679 | 377 | 89.14\% | 22.12\% | 86.22\% | 190.46\% | 3,197 | 322 | 430.32\% | 1,774 | 397 | 89.07\% | 22.16\% | 86.43\% | 190.19\% | 3,374 | ${ }^{341}$ | 430.35\% |
| Total Quality $\begin{aligned} & \text { Defaut } \\ & \text { Revolving Credit }\end{aligned}$ |  | 52 | 1 | 0.00\% | 100.00\% | 80.49\% | 160.49\% | 84 | 35 | 1006.09\% | 53 | 1 | 0.00\% | 100.00\% | 80.06\% | 161.20\% | 86 | 36 | 1001.49\% |
|  |  | 74,268 | 66,953 | 77.65\% | 1.24\% | 87.53\% | 25.07\% | 18,623 | 791 | 38.40\% | 75,300 | 68,432 | 77.43\% | 1.27\% | 87.80\% | 25.44\% | 19,157 | 822 | 39.08\% |
| Other Retail |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exceptionaly low risk | 0.000\% to 0.108\% | 12,909 | 730 | 80.42\% | 0.09\% | 30.85\% | 6.88\% | 889 | 4 | 7.23\% | 12,640 | ${ }^{733}$ | 80.20\% | 0.09\% | 30.53\% | 6.79\% | 859 | 4 | 7.13\% |
| Very low risk | 0.109\% to 0.214\% | 4,288 | 2,150 | 93.01\% | 0.19\% | 68.03\% | 26.57\% | 1,139 | 6 | 28.19\% | 4,160 | 2,145 | 92.99\% | 0.19\% | 69.00\% | 26.98\% | 1,122 | 6 | 28.62\% |
|  | $0.215 \%$ to 0.308\% | 10,159 | 1,298 | 89.77\% | 0.26\% | 63.69\% | 31.02\% | 3,151 | 17 | 33.12\% | 10,172 | 1,239 | 89.98\% | 0.26\% | 63.10\% | 30.94\% | 3,147 | 17 | 33.04\% |
|  | 0.399\% to 0.590\% | 4,570 | 2,654 | 89.37\% | 0.44\% | 58.90\% | 37.99\% | 1,736 | 11 | 41.05\% | 4,454 | 2,578 | 89.33\% | 0.44\% | 59.47\% | 38.30\% | 1,706 | 11 | 41.39\% |
| Low risk | 0.591\% to 0.040\% | 2,904 | 201 | 114.27\% | 0.75\% | 49.57\% | 45.42\% | 1,319 | 12 | 50.39\% | 2,826 | 152 | 118.62\% | 0.75\% | 48.77\% | 44.74\% | 1,264 | ${ }^{11}$ | 49.63\% |
|  | 1.041\% t0 $1.788 \%$ | 6,674 | 552 | 91.11\% | 1.25\% | 55.21\% | 60.78\% | 4,057 | 46 | 69.32\% | 6,365 | 549 | 91.07\% | 1.23\% | 55.22\% | 60.83\% | 3,872 | 43 | 69.34\% |
| Medium risk | 1.719\% to 2.969\% | 3,319 | 193 | 109.20\% | 2.54\% | 59.95\% | 81.04\% | 2,690 | 50 | 99.81\% | 3,419 | 214 | 108.01\% | 2.54\% | 59.64\% | 80.80\% | 2,763 | 51 | 99.53\% |
| High risk | 2.970\% $10.0 .430 \%$ | 1,785 2,750 | 404 | 99.83\% | 4.33\% | ${ }_{64.85 \%}$ | 99.19\% | 1,681 3 3 | 49 |  | +1,748 | 370 | 90.22\% | ${ }^{4.32 \%}$ | ${ }_{6}^{64.73 \%}$ | 94.35\% | 1,650 | 48 | 128.86\% |
|  | 6.431\% to 99.99\% | 2,750 | 1,167 | 104.28\% | 22.36\% | 64.64\% | 140.82\% | 3,872 | 413 | 328.49\% | 2,732 |  | 104.06\% | 21.33\% | 62.00\% | 137.26\% | 3,749 | 395 | 318.10\% |
| DefautTotal Other Retail |  | 83 | 1 | 0.00\% | 100.00\% | 52.40\% | 87.50\% | 73 | 44 | 750.05\% | 84 | 1 | 0.00\% | 100.00\% | 52.39\% | 93.82\% | 79 | 44 | 750.50\% |
|  |  | 49,441 | 9,350 | 92.53\% | 2.09\% | 52.90\% | 41.68\% | 20,607 | 652 | 58.13\% | 48,600 | 9,082 | 92.39\% | 2.04\% | 52.67\% | 41.59\% | 20,211 | 630 | 57.79\% |

Tota exposure includdes loans oustanding (drawn) and undrawn commitments and represents exposure at defaut, which is the expected gross exposure upon the defaut of an obiggor. This amount is before allowance for loan losses and after credit tisk mitigation
Represents the exposurre weighted average probability of defaut, loss given defaut 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 Internal rating \({ }^{4}\) \& External rating equivalent (S\&P) \& External rating equivalent (Moody's) \& \begin{tabular}{l}
Probability of default \\
(PD) range \(\%^{5}\)
\end{tabular} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \multicolumn{18}{|l|}{Business} \\
\hline 1 \& \({ }_{\text {AAA }}^{\text {A }}\) \& Aaa
Aa1 \& 0.0.000\% to 00.030\% \& 5,477 \& 949
1,438 \& 44.37\%
\(55.91 \%\) \& \({ }_{0}^{0.003 \%}\) \& 27.95\%
\(40.13 \%\) \& \(7.41 \%\)
\(10.16 \%\) \& \(\begin{array}{r}406 \\ 82 \\ \hline\end{array}\) \& 3,981
757 \& 775
1.364 \& 46.90\%
\(55.15 \%\) \& \({ }_{0}^{0.02 \%}\) \& \(30.80 \%\)
\(40.10 \%\) \& 7.59\% \& 302
81 \\
\hline \({ }_{3}\) \& \({ }_{\text {AA }}{ }^{\text {at }}\) \& \({ }_{\text {Aa2 }}\) \& 0.000\% to 0.0.030\% \& 2,405 \& \({ }_{4,221}^{1,438}\) \& 46.89\% \& 0.03\% \& 32.60\% \& 11.56\% \& \begin{tabular}{|r|}
82 \\
278 \\
\hline
\end{tabular} \& 1,826 \& \({ }_{\text {3,671 }}\) \& 477.43\% \& 0.03\% \& 34.09\% \& 11.56\% \& \({ }_{211} 1\) \\
\hline 4 \& AA. \& \({ }_{\text {Aa3 }}\) \& 0.000\% to 0.030\% \& 5,016 \& 9,500 \& 53.85\% \& 0.03\% \& 40.79\% \& 13.41\% \& 653 \& 3,911 \& 7,238 \& 55.19\% \& 0.03\% \& 37.83\% \& 13.69\% \& 519 \\
\hline 5 \& \(\mathrm{A}_{+}\) \& A1 \& 0.031\% to 0.053\% \& 6,145 \& 10,342 \& 54.82\% \& 0.04\% \& 42.13\% \& 23.83\% \& 1,403 \& 6,018 \& 9,917 \& 53.40\% \& 0.04\% \& 42.15\% \& 21.78\% \& 1,235 \\
\hline 6 \& A \& A2 \& 0.054\% to 0.076\% \& 9,413 \& 14,528 \& 53.51\% \& 0.06\% \& 39.97\% \& 31.70\% \& 2,862 \& 7,494 \& 11,673 \& 52.98\% \& 0.06\% \& 39.99\% \& 34.28\% \& 2,440 \\
\hline 7 \& A. \& Аз \& 0.077\% to 0.123\% \& 10,225 \& 15,440 \& 51.42\% \& 0.09\% \& 39.76\% \& 32.78\% \& 3,007 \& 9,980 \& 14,551 \& 53.97\% \& 0.09\% \& 40.60\% \& 33.26\% \& 2,975 \\
\hline 8 \& \({ }_{\text {BBB+ }}\) \& Baa1 \& 0.124\% to 0.173\% \& 19,500 \& 21,835 \& 55.46\% \& 0.16\% \& 42.18\% \& 44.00\% \& 8,102 \& 17,689 \& 19,532 \& 55.98\% \& 0.16\% \& 42.09\% \& 43.59\% \& 7,369 \\
\hline \& BBB \& Baa2 \& 0.174\% to 0.233\% \& 24,018 \& 28,462 \& 55.86\% \& 0.20\% \& 42.24\% \& 48.11\% \& 11,023 \& \({ }^{19,728}\) \& 23,345 \& 55.07\% \& 0.20\% \& 41.90\% \& 47.42\% \& 8,810 \\
\hline 10 \& BBB- \& Baa3 \& 0.234\% to 0.360\% \& 21,922 \& 20,243 \& 53.07\% \& 0.28\% \& 40.93\% \& 56.33\% \& \({ }^{11,543}\) \& 20,175 \& 18,818 \& 50.09\% \& 0.28\% \& 41.05\% \& 56.21\% \& 10,645 \\
\hline 11 \& BB+ \& Ba1 \& 0.361\% to 0.581\% \& 24,450 \& 19,309 \& 39.70\% \& 0.46\% \& 37.53\% \& 60.49\% \& 13,988 \& 22,640 \& 18,101 \& 39.80\% \& 0.46\% \& 37.62\% \& 60.90\% \& 13,135 \\
\hline 12 \& BB \& Ba2 \& 0.582\% to 0.939\% \& 34,403 \& 18,159 \& 43.30\% \& 0.77\% \& 38.18\% \& 76.60\% \& 25,719 \& 32,143 \& 19,133 \& 42.45\% \& 0.77\% \& 37.84\% \& 76.68\% \& 24,022 \\
\hline 13 \& BB- \& \({ }^{\text {Ba3 }}\) \& 0.940\% to \(1.724 \%\) \& 23,275 \& 15,320 \& 40.12\% \& 1.18\% \& 34.98\% \& 74.95\% \& 16,949 \& 23,464 \& 14,814 \& 40.24\% \& 1.18\% \& 35.64\% \& 76.75\% \& 17,448 \\
\hline 14 \& \({ }^{\text {B+ }}\) \& \({ }^{\text {B1 }}\) \& 1.725\% to \(2.948 \%\) \& \({ }^{19,248}\) \& 12,460 \& 41.88\% \& 2.20\% \& 35.59\% \& 86.58\% \& \({ }^{15,840}\) \& 17,666 \& 10,404 \& 39.15\% \& 2.19\% \& 34.60\% \& 84.59\% \& 14,302 \\
\hline 15 \& в \& B2 \& 2.949\% to \(4.653 \%\) \& 11,469 \& 8,820 \& 45.94\% \& 3.43\% \& 35.63\% \& 99.66\% \& 10,812 \& 11,943 \& 8,451 \& 48.08\% \& 3.44\% \& 35.82\% \& 99.32\% \& 11,207 \\
\hline 16 \& \& \({ }^{\text {B3 }}\) \& 4.654\% to \(7.343 \%\) \& 7,725 \& 6,043 \& 63.58\% \& 5.38\% \& 37.72\% \& \({ }^{116.66 \%}\) \& \({ }^{8,636}\) \& 6,277 \& 4,043 \& 51.46\% \& 5.32\% \& 36.98\% \& 112.43\% \& \({ }^{6,680}\) \\
\hline 17
18 \& \(\mathrm{CCCO}_{\text {CCC }}\) \& \({ }_{\substack{\text { Caa1 } \\ \text { Caa2 }}}^{\text {cea }}\) \& \(7.344 \%\) to 10.89\%\%
\(10.897 \%\) to \(16.748 \%\) \& 2,099
543 \& 1,466
339 \& 32.66\% \& - \({ }^{8.23 \%}\) 11.51\% \& \(33.01 \%\)
\(33.92 \%\) \& 122.5\%\% \& 2,380
591 \& 2,007
496 \& \(\begin{array}{r}1,527 \\ \hline 245\end{array}\) \& 38.98\% \& - \({ }^{8.21 .43 \%}\) \& 354.69\% \& 128.65\%
\(122.79 \%\) \& 2,155
558 \\
\hline 19 \& ccc- \& Саa3 \& 16.749\% to 27.074\% \& 522 \& 314 \& 43.68\% \& 18.21\% \& 30.05\% \& 119.75\% \& 572 \& 605 \& 303 \& 43.53\% \& 18.46\% \& 31.09\% \& 121.42\% \& 674 \\
\hline 20 \& cc \& Ca \& 27.075\% to 99.999\% \& 64 \& 249 \& 40.84\% \& 29.53\% \& 35.68\% \& 168.64\% \& 108 \& 73 \& 270 \& 41.29\% \& 29.85\% \& 35.70\% \& 158.17\% \& 116 \\
\hline 21 \& \({ }_{\text {Bankruptay }}\) \& \({ }_{\text {c }}^{\text {Bankruptay }}\) \& - \(100 \%\) \& 1,160 \& 334
35 \& 0.00\% \& 100.00\% \& 38.69\% \& \({ }^{244.39 \%}\) \& \(\begin{array}{r}2,821 \\ \hline 265\end{array}\) \& 895
203 \& 115

26 \& 0.00\% \& 100.00\% \& $38.64 \%$
$34.71 \%$ \& $200.81 \%$
$126.42 \%$ \& $\begin{array}{r}1,788 \\ \hline 256\end{array}$ <br>
\hline ${ }_{\text {Total }}^{22}$ Business \& \& \& \& 230,068 \& 209,806 \& 50.70\% \& 1.62\% \& 38.39\% \& 62.79\% \& 138,040 \& 209,971 \& 188,316 \& 49.80\% \& 1.60\% \& 38.33\% \& 63.41\% \& 126,928 <br>
\hline \multicolumn{18}{|l|}{\multirow[t]{2}{*}{Sovereign}} <br>
\hline \& \& \& \& \& \& \& 0.01\% \& 15.36\% \& 1.09\% \& 14 \& 986 \& 3,819 \& 25.65\% \& 0.01\% \& 15.45\% \& 1.10\% \& 11 <br>
\hline 2 \& $\mathrm{AA}_{+}$ \& Aa1 \& 0.013\% to 0.018\% \& 130 \& 419 \& 28.56\% \& 0.01\% \& 37.76\% \& 3.66\% \& 5 \& 129 \& 422 \& 28.35\% \& 0.01\% \& 37.81\% \& 3.66\% \& <br>
\hline 3 \& ${ }_{\text {AA }}{ }_{\text {A }}$ \& ${ }_{\text {Aa2 }}^{\text {Aa3 }}$ \& 0.019\% to 0.026\% \& 1,114 \& 2,086
1,922 \& - $46.44 \%$ \& 0.02\% \& $37.40 \%$
$34.74 \%$ \& 8.50\% \& 95 \& 1,034 \& 1,901
1,909 \& ${ }^{45.01 \%}$ \& 0.02\% \& 37.27\% \& 8.90\% \& 92
134
18 <br>
\hline 5 \& $\mathrm{A}_{+}$ \& ${ }_{\text {A1 }}$ \& 0.038\% to 0.053\% \& ${ }_{983}$ \& ${ }_{1}^{1,465}$ \& 41.85\% \& 0.04\% \& 41.29\% \& 14.12\% \& ${ }_{137}$ \& ${ }_{929}$ \& 1,427 \& 41.53\% \& 0.04\% \& 40.93\% \& 14.05\% \& 129
129 <br>
\hline 6 \& A \& A2 \& 0.054\% to 0.076\% \& 1,667 \& 2,078 \& 33.99\% \& 0.06\% \& 42.41\% \& 20.54\% \& 342 \& 1,711 \& 2,144 \& 34.04\% \& 0.06\% \& 42.41\% \& 20.58\% \& 352 <br>
\hline 7 \& A. \& A3 \& 0.077\% to 0.123\% \& 1,784 \& 1,905 \& 38.44\% \& 0.09\% \& 39.08\% \& 27.67\% \& 490 \& 1,751 \& 1,802 \& 36.71\% \& 0.09\% \& 38.81\% \& 27.81\% \& 486 <br>
\hline \& ${ }_{\text {BBB }+}$ \& Baa1 \& 0.124\% to 0.173\% \& 812 \& 571 \& 34.66\% \& 0.16\% \& 39.68\% \& 33.96\% \& 272 \& 750 \& 517 \& 34.97\% \& 0.16\% \& 39.35\% \& 34.16\% \& 253 <br>
\hline 9 \& BBB \& Baa2 \& 0.174\% to 0.233\% \& 742 \& 546 \& 52.94\% \& 0.19\% \& 44.18\% \& 51.80\% \& 374 \& 703 \& 528 \& 54.90\% \& 0.19\% \& 44.13\% \& 50.54\% \& 345 <br>
\hline 10 \& BBB- \& Baa3 \& 0.234\% to 0.360\% \& 701 \& 192 \& 55.65\% \& 0.28\% \& 42.86\% \& 36.95\% \& 259 \& 618 \& 120 \& 53.60\% \& 0.28\% \& 42.53\% \& 34.61\% \& 214 <br>
\hline 11
12 \& ${ }_{\text {BB }}^{\text {BB+ }}$ \& Ba1
Ba2 \& $0.361 \%$ to $0.581 \%$
$0.582 \%$ to $0.939 \%$ \& 136
448 \& 129
341 \& 10.85\% \& ${ }^{0.44 \%}$. $72 \%$ \& 39.19\%\% \& 㐌 $38.99 \% \%$ \& 83
156
18 \& 120
313 \& 123
336 \& 9.97\% \& 0.44\% \& $38.28 \%$
$44.40 \%$ \& ${ }^{60.57 \%}$ \& 71
62 <br>
\hline 13 \& BB- \& ${ }^{\text {Ba3 }}$ \& 0.940\% to $1.724 \%$ \& 20 \& 25 \& 17.61\% \& 1.16\% \& 30.86\% \& 54.64\% \& 11 \& 16 \& 23
20 \& 15.67\% \& 1.16\% \& 30.89\% \& 55.79\% \& <br>
\hline 14 \& ${ }^{\text {B }}$ \& B1 \& 1.725\% to $2.948 \%$ \& 15 \& 27 \& 20.31\% \& 2.29\% \& 39.00\% \& 96.06\% \& 14 \& 10 \& 22 \& 20.05\% \& 2.29\% \& 36.78\% \& 91.30\% \& <br>
\hline 15 \& B \& ${ }^{\text {B2 }}$ \& 2.949\% to $4.653 \%$ \& ${ }^{126}$ \& 3 \& 34.31\% \& ${ }^{3.61 \%}$ \& 30.12\% \& 84.47\% \& 107 \& 6 \& ${ }^{6}$ \& 25.35\% \& 3.61\% \& 39.32\% \& 114.55\% \& 7 <br>
\hline 16
17 \& $\stackrel{\text { c- }}{\text { c- }+}$ \& ${ }_{\text {Caa1 }}^{\text {B3 }}$ \&  \& ${ }_{2}^{1}$ \& 1 \& $\underset{\text { n.a. }}{\text { 25.25\% }}$ \& 5.99\% \& $39.69 \%$
$30.72 \%$ \& - $124.10 \%$ \% \& 1 \& 2 \& 1 \& ${ }_{\substack{\text { 25.35. } \\ \text { n.a. }}}^{\text {20. }}$ \& n.a. \& n.a.
$30.87 \%$ \& n.a. \& <br>
\hline 18 \& ccc \& Caa2 \& 10.897\% to $16.748 \%$ \& \& - \& n.a. \& n.a. \& n.a. \& n.a. \& \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline 19 \& ccc- \& Caa3 \& 16.749\% to 27.074\% \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& \& \& \& n.a. \& \& n.a. \& n.a. \& <br>
\hline 20
21 \& ${ }_{\text {c }}$ \& $\stackrel{\mathrm{Ca}}{\mathrm{Ca}}$ \&  \& 1 \& 5 \& 25.00\% \& 33.45\% \& 45.00\% \& 109.40\% \& 1 \& 1 \& 4 \& 25.00\% \& 33.45\% \& 45.00\% \& 105.30\% \& 1 <br>

\hline $$
\begin{aligned}
& 21 \\
& 22
\end{aligned}
$$ \& Bankruptcy \& ${ }_{\text {Cankruptcy }}$ \& 100\%

$100 \%$ \& \& \& n.a. \& n.a. \& ni.a. \& n.a. \& \& \& \& n.a. \& n.a. \& n.a. \& n.a. \& <br>
\hline ${ }_{\text {Total Sovereign }}$ \& \& \& \& 11,145 \& 16,570 \& 38.41\% \& 0.16\% \& 37.19\% \& 22.72\% \& 2,492 \& 10,366 \& 15,101 \& 38.08\% \& 0.12\% \& 37.42\% \& 21.23\% \& 2,180 <br>
\hline \multicolumn{18}{|l|}{} <br>
\hline 1 \& ${ }_{\text {AAA }}{ }^{\text {a }}$ \& Aaa
Aa1 \& $0.000 \%$ to $0.030 \%$
$0.000 \%$ to $0.030 \%$ \& $=$ \& - \& 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. \& <br>
\hline ${ }_{3}^{2}$ \& ${ }_{\text {AA }}^{\text {AA }}$ \& ${ }_{\text {Aad }}{ }_{\text {Aa }}$ \& 0, $0.000 \%$ to $0.0 .030 \%$ \& 4 \& 15 \& 25.00\% \& 0.7.a. \& n.a.
$45.00 \%$ \& no. $\begin{gathered}\text { n.a. } \\ 10.32 \%\end{gathered}$ \& \& 2 \& 7 \& n.a.
25.00\% \& n. $\begin{aligned} & \text { n.a. } \\ & 0.03 \%\end{aligned}$ \& n.a. \& n.a.
10.33\% \& <br>
\hline 4 \& AA. \& Ааз \& 0.000\% to 0.030\% \& 274 \& 177 \& 24.59\% \& 0.03\% \& 45.00\% \& 8.16\% \& 22 \& 276 \& 291 \& 24.98\% \& 0.03\% \& 45.00\% \& 8.34\% \& ${ }^{23}$ <br>
\hline 5 \& ${ }_{\text {A+ }}$ \& ${ }^{\text {A1 }}$ \& 0.035\% to 0.053\% \& 204 \& 720 \& 25.00\% \& 0.04\% \& 43.62\% \& 13.84\% \& ${ }^{28}$ \& 88 \& ${ }^{138}$ \& 24.98\% \& 0.04\% \& 41.47\% \& 14.37\% \& 13 <br>
\hline ${ }^{6}$ \& ${ }_{\text {A }}$ \& ${ }^{\text {A2 }}$ \& 0.054\% to 0.077\%\% \& 216 \& 450 \& 26.99\% \& 0.06\% \& 45.79\% \& ${ }^{17.91 \%}$ \& 39 \& 282 \& 1,012 \& 25.81\% \& 0.06\% \& 45.56\% \& 17.68\% \& <br>
\hline 7 \& ${ }_{\text {ABB+ }}^{\text {A- }}$ \& ${ }_{\text {Baa1 }}^{\text {A3 }}$ \& 0.077\% to 0.123\% \& 559
430 \& 936
691 \& 30.22\%
2389\% \& 0.0.09\% \& 40.72\% \& 21.58\% \& 111 \& ${ }^{426}$ \& 636
365 \& 21.69\% \& 0.09\% \& 45.00\% \& 22.18\% \& 94 <br>
\hline 9 \& ${ }_{\text {BBB }}$ \& ${ }_{\text {Baal }}$ \& 0.174\% to 0.233\% \& ${ }_{253}^{430}$ \& ${ }_{257}^{691}$ \& 23.89\% \& - $0.10 \%$ \& 44.98\% \& 33.17\% \& 143
120
120 \& 203
244 \& 365
246 \& 21.82\% \& 0.19\% \& 44.90\%\% \& 32.90\% \& 67
120 <br>
\hline 10 \& BBB- \& Baa3 \& 0.234\% to 0.360\% \& 40 \& 78 \& 27.32\% \& 0.28\% \& 48.11\% \& 55.31\% \& 20 \& 20 \& 64 \& 27.54\% \& 0.28\% \& 45.52\% \& 53.46\% \& 11 <br>
\hline 11 \& BB+ \& Ba1 \& 0.361\% to 0.581\% \& 120 \& 246 \& 29.01\% \& 0.44\% \& 46.25\% \& 69.95\% \& 84 \& 164 \& 248 \& 28.81\% \& 0.44\% \& 43.85\% \& 60.26\% \& 67 <br>
\hline ${ }_{13}^{12}$ \& ${ }_{\text {BB }}^{\text {BB }}$ \& ${ }_{\text {Ba2 }}$ \& 0.582\% to 0.939\% \& 168 \& 154
46 \& 24.69\% \& 0.72\% \& 43.09\% \& ${ }^{89.39 \%}$ \& 151
15
15 \& 245 \& 198
81 \& 25.04\% \& 0.72\% \& \& 48.27\% \& 118 <br>
\hline 14 \& ${ }_{\text {B+ }}$ \& ${ }_{\text {B1 }}$ \& 1.725\% to $2.948 \%$ \& 88 \& ${ }_{70}$ \& 37.20\% \& 2.29\% \& 43.23\% \& 131.30\% \& 116 \& ${ }_{15}^{63}$ \& 42 \& 19.74\% \& 2.29\% \& 34.99\% \& 89.54\% \& 14 <br>
\hline 15 \& B \& B2 \& 2.949\% to 4.653\% \& 12 \& 33 \& 20.03\% \& 3.61\% \& 45.00\% \& 143.45\% \& 17 \& 38 \& 34 \& 34.57\% \& 3.61\% \& 40.67\% \& 107.77\% \& 41 <br>
\hline 16
17 \& $\stackrel{\mathrm{B}}{\mathrm{CCC}+}$ \& ${ }^{\text {B3 }}$ \& 4.654\% to 7.343\% \& 43 \& 15 \& 42.14\% \& 5.70\% \& 45.00\% \& 148.40\% \& 64 \& 7 \& 3 \& 25.00\% \& 5.70\% \& 45.00\% \& 143.11\% \& 10 <br>
\hline 17
18 \& $\mathrm{CCC}^{\text {cci }}$ \& ${ }_{\text {Caa2 }}$ \& $7.344 \%$ to 10.896\%
10.897\% to $16.748 \%$ \& 2 \& 8 \& ${ }^{25.00 \%}$ n.a. \& ${ }_{\text {8. }}^{\text {8.a. }}$. \& 45.00\%
n.a. \& \& 4 \& 2 \& 8 \& ${ }_{\text {25.00\% }}^{\text {n.a. }}$ \& 8.99\% ${ }_{\text {n.a. }}$ \& \& 197.24\% \& 4 <br>
\hline 19 \& ccc- \& Саa3 \& 16.749\% to 27.074\% \& 2 \& 1 \& 25.00\% \& 20.69\% \& 45.00\% \& 254.75\% \& 1 \& 1 \& 2 \& 25.00\% \& 20.69\% \& 45.00\% \& 254.76\% \& <br>
\hline 20
21 \& CC \& Ca \& 27.075\% to 99.999\% \& \& 1 \& 25.00\% \& n.a. \& n.a. \& n.a. \& \& 1 \& 3 \& 25.00\% \& 33.45\% \& 45.00\% \& 260.72\% \& 2 <br>
\hline 21
22 \& Bankruptcy \& Bankruptcy \& 100\%
100\% \& 2 \& \& n.a. \& 100.00\% \& 45.00\% \& ¢3.a. \& 5 \& 2 \& \& n.a. \& \% $\begin{array}{r}\text { n.a. } \\ 10000 \%\end{array}$ \& n.a. \& \& 4 <br>
\hline Total Bank \& \& \& \& \& 3,898 \& \& 0.47\% \& 43.88\% \& \& 940 \& 2079 \& \& n.a. \& 100.00\% \& 44.53\% \& 35.83\% \& <br>
\hline
\end{tabular}

Includes loans and acceptances outstanding and undrawn exposure and 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 excludes the effects of credit risk mitigation.
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 currently undrawn but expected to be drawn in the event of a default.
Risk weighted assets are calculated on exposure after credit risk mitigation.
Risk weighted assets are calculated on exposure after credit risk mitigation.
20 inclusive are non-investment grade Ratings $21-22$ represent impaireddefau

| REALIZED GAINS AND LOSSES ON AVAILABLE-FOR-SALE SECURITIES <br> (Millions of Canadian dollars) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Realized gains | 66 | 60 | 45 | 78 | 40 | 80 | 46 | 62 | 38 | 244 | 234 |
| Realized losses and impairments | (12) | (18) | (18) | (14) | (3) | (7) | (17) | (9) | (10) | (41) | (43) |
| Net gains (losses) on Available-for-sale securities | 54 | 42 | 27 | 64 | 37 | 73 | 29 | 53 | 28 | 203 | 191 |
| Less: Amount booked in Insurance premium, investment and fee income | 12 | - | - | 2 | 1 | 2 | 6 | 2 | 1 | 11 | 3 |
| Net gains (losses) on Available-for-sale securities net of Insurance premium, investment and fee income | 42 | 42 | 27 | 62 | 36 | 71 | 23 | 51 | 27 | 192 | 188 |

TRADING CREDIT DERIVATIVES ${ }^{1}$ _
(Millions of Canadian dollars)

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


| 9,196 | 10,289 | 12,159 | 13,293 | 11,419 | 12,366 | 10,332 | 11,043 | 8,571 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4,921 | 6,371 | 9,087 | 11,414 | 8,175 | 9,541 | 8,282 | 9,661 | 7,507 |
| 94 | 135 | 213 | 254 | 196 | 250 | 225 | 225 | 211 |
| 178 | 232 | 260 | 301 | 264 | 293 | 272 | 276 | 248 |
| 33 | 42 | 91 | 178 | 127 | 163 | 118 | 106 | 85 |

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

| Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Notional amount
Automotive
Energy
$\quad$ Oil and gas
Utilities
Non-bank financial services
Mining \& metals
Real estate \& related
Technology \& media
Transportation \& environmen
Other
Sovereign
Bank

| - | - | - | - | - | - | - | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | - | - | - | - | - | - | - | - |
| 7 | - | - | - | - | - | - | - | - |
| 411 | 603 | 637 | 821 | 815 | 832 | 836 | 836 | 992 |
| - | - | - | - | - | - | - | - |  |
| - | - | - | - | - | - | - | - | - |
| 122 | 112 | 125 | 122 | 118 | 118 | 120 | 113 | 87 |
| 131 | 121 | 127 | 113 | 109 | 110 | 111 | 203 | 200 |
| 10 | 10 | 11 | 9 | 9 | 9 | 31 | 29 | 29 |
| - |  | - | - | - | - | - | - |  |
| - | 78 | 273 | 242 | 234 | 235 | 215 | 224 | 215 |
| 681 | 924 | 1,173 | 1,307 | 1,285 | 1,304 | 1,313 | 1,405 | 1,523 |
| - | - | - | - | - | - | - | - | - |
| 681 | 924 | 1,173 | 1,307 | 1,285 | 1,304 | 1,313 | 1,405 | 1,523 |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - |
| 681 | 924 | 1,173 | 1,307 | 1,285 | 1,304 | 1,313 | 1,405 | 1,523 |
| - | - | - | - | - | - | - | - | - |
| 28 | 33 | 38 | 41 | 42 | 41 | 40 | 56 | 48 |

[^9]
${ }^{1}$ As at Q3/15, positive and negative fair values exclude market and credit valuation adjustments of $\$ 1.1$ billion and $\$ 0.1$ billion respectively that are determined on a pooled basis.
 ${ }^{3}$ Additional impact of offsetting credit exposures on contracts that do not qualify for balance sheet offset.

 Derivaitives Association master agreement:
Comprises precious metal, commodity, stable value and equity-linked derivative contracts.

| DERIVATIVE - RELATED CREDIT RISK <br> (Millions of Canadian dollars) | Q3/15 |  |  |  | Q2/15 |  |  |  | Q1/15 |  |  |  | 4/14 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Notional <br> amount | $\begin{aligned} & \text { Replacement } \\ & \text { cost } \end{aligned}$ | Credit equivalent amount | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }{ }^{2} \end{gathered}$ | $\begin{aligned} & \text { Notional } \\ & \text { amount } \end{aligned}$ | $\begin{gathered} \text { Replacement } \\ \text { cost } \end{gathered}$ | $\begin{gathered} \text { Credit } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }{ }^{2} \end{gathered}$ | $\begin{aligned} & \text { Notional } \\ & \text { amount }{ }^{1} \end{aligned}$ | $\begin{aligned} & \text { Replacement } \\ & \text { cost } \end{aligned}$ | $\begin{gathered} \text { Credit } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }^{2} \end{gathered}$ | Notional | $\begin{gathered} \text { Replacement } \\ \text { cost } \end{gathered}$ | $\begin{gathered} \text { Credit } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }{ }^{2} \end{gathered}$ |
| Over-the-counter contracts Interest rate contracts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Forward rate agreements | 775,043 | 248 | 338 | 73 | 619,456 | 198 | 270 | 116 | 388.070 | 255 | 321 | 67 | 371,934 | 183 | 276 | 70 |
| Swaps | 8,515,592 | 14,171 | 28,914 | 5,284 | 7,592,212 | 14,609 | 25,966 | 5,011 | 7,720,919 | 17,484 | 27,025 | 5,803 | 6,781,361 | 12,455 | 22,308 | 4,660 |
| Options purchased | 255,322 | 307 | 690 | 432 | 247,263 | 370 | 718 | 434 | 271,265 | 601 | 903 | 541 | 223,508 | 355 | 665 | 386 |
| $\underset{\text { Forieign exchange contracts }}{\text { Forward contracts }}$ | 1,401,313 | 7,965 | 14,218 | 3,830 | 1,138,888 | 6,243 | 11,394 | 3,294 | 1,195,840 | 13,329 | 16,998 | 4,581 | 1,051,028 | 5,731 | 11,049 | 3.201 |
| Swaps | ${ }_{1}^{1,149,957}$ | 7,490 | 9,497 | ${ }_{3,833}$ | 1,000,098 | ${ }_{5,308}^{6,24}$ | 8,257 | 3,315 | ${ }^{1990,239}$ | 6,724 | 8,987 | ${ }_{3,325}^{4,38}$ | 839,760 | 3,190 | 6,576 | 2,516 |
| Options purchased | 45,739 | 294 | 529 | 272 | 49,913 | 566 | 805 | 294 | 50,895 | 473 | 731 | 375 | 43,882 | 225 | 443 | 201 |
| Credit derivatives ${ }^{3}$ | 14,117 | 33 | 918 | 496 | 16,660 | 42 | 978 | 547 | 21,246 | 91 | 1,489 | 865 | 24,707 | 178 | 2,053 | 1,136 |
| Other contracts ${ }^{4}$ | 109,539 | 2,977 | 8,504 | 5,303 | 107,138 | 1,806 | 7,206 | 4,006 | 110,267 | 2,222 | 7,699 | 4,517 | 98,290 | 1,780 | 6,670 | 3,996 |
| Exchange traded contracts | 218,304 | 2,836 | 9,503 | 190 | 233,264 | 2,736 | 9,217 | 185 | 253,853 | 3,302 | 10,237 | 206 | 225,132 | 3,530 | 10,358 | 207 |
| Total derivatives ${ }^{5}$ | 12,484,926 | 36,321 | 73,111 | 19,713 | 11,004,892 | 31,878 | 64,811 | 17,202 | 11,002,594 | 44,481 | 74,390 | 20,280 | 9,659,602 | 27,627 | 60,398 | 16,373 |
| DERIVATIVE - RELATED CREDIT RISK <br> (Millions of Canadian dollars) | Q3/14 |  |  |  | Q2/14 |  |  |  | Q1/14 |  |  |  | 04/13 |  |  |  |
|  | Notional amount ${ }^{1}$ | Replacement cost | $\begin{gathered} \text { Credit } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }{ }^{2} \end{gathered}$ | Notional amount ${ }^{1}$ | Replacement cost | $\begin{gathered} \text { Credif } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }{ }^{2} \end{gathered}$ | Notional amount ${ }^{1}$ | Replacement cost | $\begin{gathered} \text { Credif } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }^{2} \end{gathered}$ | Notional amount | Replacement cost | $\begin{gathered} \text { Credif } \\ \text { equivalent } \\ \text { amount } \end{gathered}$ | $\begin{gathered} \text { Risk- } \\ \text { weighted } \\ \text { equivalent }{ }^{2} \end{gathered}$ |
| Over-the-counter contracts Interest rate contracts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Forward rate agreements | 6,145,276 | 11,383 | 20,564 | 4,417 | 5,984,298 | 12,777 | 21,124 | 4,545 | 5,569,553 | 12,709 | 19,708 | 4,589 | 5,306,023 | 13,133 | 20,914 | 5,465 |
| Options purchased | , 212,000 | -341 | ${ }^{20,663}$ | 4,475 | ${ }_{\text {, } 215,011}$ | ${ }_{4}{ }^{2} 3$ | - 747 | +429 | -197,507 | ${ }_{4}{ }^{415}$ | -671 | 475 | ${ }_{\text {-169,535 }}$ | 1999 | ${ }^{20,634}$ | 563 |
| Foreign exchange contracts Forward contracts | 1,019,914 | 2.498 | 7.681 | 2.586 | 1,009,415 | 2,043 | 6,995 | 2.313 |  | 4,712 | 9,266 | 3,002 | 919,226 | 2,463 | 6.891 |  |
| Swaps | -790,052 | 2,894 | 7,195 | 2,680 | 1,726,962 | ${ }_{3,676}^{2,043}$ | 7,492 | 2,436 | 1,668,443 | ${ }_{3,530}^{4,1 / 2}$ | 7,463 | 2,403 | 624,193 | ${ }_{2,500}^{2,463}$ | ${ }_{6,262}^{6,891}$ | 1,946 |
| Options purchased | 42,787 | 242 | 462 | 211 | 40,152 | 278 | 488 | 194 | 37,875 | 309 | 512 | 247 | 34,865 | 259 | 444 | 221 |
| Credit derivatives ${ }^{3}$ | 19,594 | 127 | 1,490 | 823 | 21,907 | 163 | 1,671 | 870 | 18,614 | 118 | 1,330 | 642 | 20,704 | 106 | 1,480 | 719 |
| Other contracts ${ }^{4}$ | 95,340 | ${ }^{2,323}$ | 7,717 | 4,506 | 96,974 | 1.827 | 7,303 | 4,371 | 91,801 | 1,451 | 6,475 | 3,879 | 86,143 | ${ }^{1,864}$ | ${ }_{6,838}$ | 3,519 |
| Exchange traded contracts | 223,888 | 2,924 | 10,087 | 202 | 222,402 | 2,690 | 8,549 | 171 | 244,318 | 2,381 | ${ }_{8,889}$ | 178 | 225,819 | 2,867 | 11,186 | 224 |
| Total derivatives ${ }^{5}$ | 8,915,474 | 22,786 | 56,021 | 15,833 | 8,671,001 | 23,975 | 54,586 | 15,365 | 8,226,343 | 25,703 | 54,560 | 15,351 | 7,844,997 | 23,685 | 54,927 | 14,737 |



Comprises credit default swaps, total return swaps, credit default baskets and credit default options.
As at $Q 3 / 15$, the total credit equivalent amount reported above is net of $\$ 16.3$ billion in collateral and does not reflect the neting of the creait valuation adjustment losses of $\$ 330$ milion described in footnote 2.


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

| CALCULATION OF ROE AND RORC (Millions of Canadian dollars, except percentage and per share amounts) | Q3/15 | Q2/15 | Q1/15 | Q4/14 | Q3/14 | Q2/14 | Q1/14 | Q4/13 | Q3/13 | $\begin{gathered} 2015 \\ 9 \text { months } \end{gathered}$ | $\begin{gathered} 2014 \\ 9 \text { months } \end{gathered}$ | 2014 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal \& Commercial Banking |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 1,264 | 1,180 | 1,242 | 1,143 | 1,118 | 1,096 | 1,048 | 1,047 | 1,143 | 3,686 | 3,262 | 4,405 | 4,288 |
| Average risk capital | 11,750 | 11,450 | 11,250 | 11,350 | 10,450 | 10,100 | 10,300 | 10,450 | 9,900 | 11,500 | 10,300 | 10,550 | 9,650 |
| Add: Average goodwill and other intangibles | 4,800 | 4,850 | 4,750 | 4,650 | 4,650 | 4,650 | 4,700 | 4,650 | 4,650 | 4,800 | 4,650 | 4,650 | 4,400 |
| Average attributed capital | 16,550 | 16,300 | 16,000 | 16,000 | 15,100 | 14,750 | 15,000 | 15,100 | 14,550 | 16,300 | 14,950 | 15,200 | 14,050 |
| ROE ${ }^{1}$ RORC | $\begin{aligned} & 30.3 \% \\ & 407 \% \end{aligned}$ | $29.7 \%$ | $30.8 \%$ | 28.3\% $40.0 \%$ | $29.4 \%$ | $30.5 \%$ 44.4\% | 27.7\% $40.3 \%$ | $\begin{aligned} & 27.5 \% \\ & \hline \end{aligned}$ | $\begin{aligned} & 31.2 \% \\ & 457 \% \end{aligned}$ | $30.3 \%$ | $\begin{aligned} & 29.2 \% \\ & 4.3 \% \end{aligned}$ | 29.0\% 41.7\% | $3.5 \%$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Canadian Banking |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 1,226 | 1,179 | 1,209 | 1,198 | 1,170 | 1,096 | 1,120 | 1,069 | 1,133 | 3,614 | 3,386 | 4,584 | 4,281 |
| Average risk capital | 10,400 | 10,100 | 10,050 | 10,200 | 9,350 | 9,000 | 9,100 | 9,350 | 8,950 | 10,200 | 9,150 | 9,400 | 8,650 |
| Add: Average goodwill and other intangibles | 2,900 | 2,950 | 2,950 | 2,950 | 2,950 | 2,950 | 3,000 | 3,000 | 2,900 | 2,900 | 2,950 | 3,000 | 2,750 |
| Average attributed capital | 13,300 | 13,050 | 13,000 | 13,150 | 12,300 | 11,950 | 12,100 | 12,350 | 11,850 | 13,100 | 12,100 | 12,400 | 11,400 |
| ROE ${ }^{1}$ | 36.5\% | 37.1\% | 36.9\% | 36.1\% | 37.7\% | 37.7\% | 36.7\% | 34.4\% | 37.9\% | 36.8\% | 37.4\% | 37.0\% | 37.5\% |
| RORC | 46.8\% | 47.8\% | 47.8\% | 46.5\% | 49.5\% | 50.1\% | 48.7\% | 45.4\% | 50.3\% | 47.5\% | 49.5\% | 48.7\% | 49.4\% |
| Wealth Management |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 278 | 265 | 226 | 280 | 278 | 272 | 227 | 195 | 225 | 769 | 777 | 1,057 | 852 |
| Average risk capital | 1,800 | 1,900 | 1,800 | 1,750 | 1,550 | 1,500 | 1,500 | 1,600 | 1,700 | 1,850 | 1,500 | 1,600 | 1,650 |
| Add: Average goodwill and other intangibles | 4,150 | 4,050 | 4,000 | 3,900 | 3,900 | 4,000 | 3,900 | 3,750 | 3,750 | 4,050 | 3,950 | 3,900 | 3,750 |
| Average attributed capital | 5,950 | 5,950 | 5,800 | 5,650 | 5,450 | 5,500 | 5,400 | 5,350 | 5,450 | 5,900 | 5,450 | 5,500 | 5,400 |
| ROE ${ }^{1}$ | 18.6\% | 18.3\% | 15.5\% | 19.6\% | 20.3\% | 20.2\% | 16.6\% | 14.4\% | 16.4\% | 17.5\% | 19.1\% | 19.2\% | 15.8\% |
| RORC | 60.9\% | 57.6\% | 49.3\% | 63.1\% | 72.0\% | 73.4\% | 59.7\% | 48.6\% | 51.9\% | 55.9\% | 68.4\% | 66.9\% | 51.9\% |
| Insurance |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 172 | 122 | 184 | 254 | 212 | 152 | 155 | 105 | 158 | 478 | 519 | 773 | 586 |
| Average risk capital | 1,400 | 1,350 | 1,450 | 1,500 | 1,450 | 1,350 | 1,350 | 1,150 | 1,250 | 1,400 | 1,400 | 1,400 | 1,250 |
| Add: Average goodwill and other intangibles | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Average attributed capital | 1,550 | 1,500 | 1,600 | 1,650 | 1,600 | 1,500 | 1,500 | 1,300 | 1,400 | 1,550 | 1,550 | 1,550 | 1,400 |
| ROE ${ }^{1}$ | 43.6\% | 33.0\% | 46.0\% | 61.5\% | 53.2\% | 42.1\% | 40.5\% | 31.8\% | 44.5\% | 41.1\% | 45.5\% | 49.7\% | 41.4\% |
| RORC | 48.1\% | 36.5\% | 50.6\% | 67.4\% | 58.7\% | 46.7\% | 44.9\% | 36.0\% | 49.8\% | 45.2\% | 50.3\% | 54.9\% | 46.4\% |
| Investor \& Treasury Services |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 164 | 156 | 140 | 111 | 107 | 108 | 103 | 88 | 100 | 460 | 318 | 429 | 326 |
| Average risk capital | 2,150 | 2,150 | 1,850 | 1,700 | 1,600 | 1,650 | 1,550 | 1,400 | 1,500 | 2,050 | 1,600 | 1,650 | 1,400 |
| Add: Average goodwill and other intangibles | 500 | 500 | 500 | 550 | 550 | 550 | 500 | 550 | 550 | 500 | 550 | 500 | 600 |
| Average attributed capital | 2,650 | 2,650 | 2,350 | 2,250 | 2,150 | 2,200 | 2,050 | 1,950 | 2,050 | 2,550 | 2,150 | 2,150 | 2,000 |
| Roe ${ }^{1}$ | 24.5\% | 24.2\% | 23.7\% | 19.5\% | 20.1\% | 20.1\% | 19.7\% | 17.9\% | 19.3\% | 24.2\% | 20.0\% | 19.8\% | 16.5\% |
| RORC | 30.3\% | 29.9\% | 30.4\% | 25.4\% | 26.7\% | 26.6\% | 26.7\% | 25.0\% | 26.3\% | 30.2\% | 26.7\% | 26.4\% | 23.1\% |
| Capital Markets |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | 530 | 610 | 581 | 389 | 624 | 491 | 486 | 451 | 368 | 1,721 | 1,601 | 1,990 | 1,629 |
| Average risk capital | 15,250 | 15,750 | 14,800 | 13,500 | 13,700 | 13,000 | 12,400 | 11,850 | 10,700 | 15,250 | 13,050 | 13,150 | 10,600 |
| Add: Average goodwill and other intangibles | 1,050 | 1,000 | 1,000 | 950 | 950 | 950 | 950 | 950 | 950 | 1,050 | 900 | 950 | 900 |
| Average attributed capital | 16,300 | 16,750 | 15,800 | 14,450 | 14,650 | 13,950 | 13,350 | 12,800 | 11,650 | 16,300 | 13,950 | 14,100 | 11,500 |
| ROE ${ }^{1}$ | 12.9\% | 14.9\% | 14.6\% | 10.7\% | 16.9\% | 14.5\% | 14.5\% | 14.0\% | 12.6\% | 14.1\% | 15.3\% | 14.1\% | 14.1\% |
| RORC | 13.8\% | 15.9\% | 15.6\% | 11.4\% | 18.1\% | 15.5\% | 15.6\% | 15.1\% | 13.6\% | 15.1\% | 16.4\% | 15.1\% | 15.3\% |
| Corporate Support ${ }^{2}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income available to common shareholders | (9) | 93 | 21 | 95 | (42) | 4 | (14) | 130 | 203 | 105 | (52) | 43 | 310 |
| Average risk capital and other | 2,400 | 2,450 | 2,350 | 2,350 | 2,200 | 2,100 | 2,250 | 2,150 | 2,100 | 2,350 | 2,200 | 2,250 | 2,100 |
| Add: Average under/(over) attribution of capital | 7,200 | 5,900 | 5,350 | 5,100 | 5,250 | 5,550 | 4,500 | 3,850 | 3,800 | 6,150 | 5,050 | 4,950 | 4,150 |
| Average attributed capital | 9,600 | 8,350 | 7,700 | 7,450 | 7,450 | 7,650 | 6,750 | 6,000 | 5,900 | 8,500 | 7,250 | 7,200 | 6,250 |
| RBC |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Net income | 2,475 | 2,502 | 2,456 | 2,333 | 2,378 | 2,201 | 2,092 | 2,101 | 2,285 | 7,433 | 6,671 | 9,004 | 8,342 |
| Net income available to common shareholders | 2,399 | 2,426 | 2,394 | 2,272 | 2,297 | 2,123 | 2,005 | 2,016 | 2,197 | 7,219 | 6,425 | 8,697 | 7,991 |
| Average risk capital | 33,450 | 33,750 | 32,250 | 30,950 | 29,850 | 28,650 | 28,200 | 27,500 | 26,250 | 33,150 | 28,900 | 29,400 | 25,700 |
| Average common equity | 52,600 | 51,500 | 49,250 | 47,450 | 46,400 | 45,550 | 44,050 | 42,500 | 41,000 | 51,100 | 45,300 | 45,700 | 40,600 |
| ROE | 18.1\% | 19.3\% | 19.3\% | 19.0\% | 19.6\% | 19.1\% | 18.1\% | 18.8\% | 21.3\% | 18.9\% | 19.0\% | 19.0\% | 19.7\% |
| RORC | 28.4\% | 29.5\% | 29.5\% | 29.1\% | 30.5\% | 30.4\% | 28.2\% | 29.1\% | 33.2\% | 29.1\% | 29.7\% | 29.6\% | 31.1\% |

${ }^{1}$ 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 meaningull
${ }^{2}$ We do not report ROE and RORC for Corporate Support as they are considered not meaningful.


 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.

## 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 component 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

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 .
$\frac{\text { Risk-weighted assets (RWA) - Basel IIII }}{\text { Used in the calculation of risk-based capital ratios as defined by the guidelines issued by OSFI based }}$ 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 on Basel III effective January 1, 2013 and on the "Basel III: A global regulatory framework for more r
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 Banking Sup IRB Approas and the remaindr 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 measurement we use the internal models approach for products with regulatory approval and a In addition, Basel III requires a transitional capital floor adjustment.
$\frac{\text { n.a. }}{\text { Not }}$
$\frac{\text { Not }}{}$ applicable


[^0]:    Q4/14 includes a $\$ 105$ million charge ( $\$ 51$ million after-tax) reflecting the implementation of valuation adjustments related to funding costs on uncollateralized over-the-counter derivatives (FVA). For further information, refer to Note 2 of our 2014 Annual Consolidated Financial Statements.

[^1]:    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.
    ${ }^{2}$ Excludes assets held by clients of Phillips, Hager \& North Investment Management Ltd. for which we earn either a nominal or no management fee. Q3/15 AUM excludes $\$ 0.4$ billion of these assets.
    ${ }^{3}$ Q2/15 includes $\$ 4$ million (Q4/14 - $\$ 6$ million) related to the impairment of other intangibles.

[^2]:    ${ }^{1}$ In Q3/15, the reporting period for Investor Services was aligned to that of RBC, which resulted in an additional month of earnings. The net impact of the additional month was recorded in revenue ( $\$ 42$ million before-tax. $\$ 28$ million after-tax) ${ }^{2} 2013$ results include a restructuring charge of $\$ 44$ million ( $\$ 31$ million after-tax) related to our integration of RBC Investor Services.

[^3]:    ${ }^{1}$ Effective the first quarter of 2015, we reclassified amounts from Global Markets to Other related to certain proprietary trading strategies which we exited in the fourth quarter of 2014 to comply with the Volcker Rule. Prior period amounts have been revised from those previously presented.
     based compensation, retention costs, and variable compensation.
    ${ }^{3}$ Q3/14 includes $\$ 2$ million related to the impairment of other intangibles.

[^4]:    Calculated using methods intended to approximate the average of the daily balances for the period, as applicable.
    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).
    ${ }^{5}$ To be read in conjunction with the Segment pages.

[^5]:    ${ }^{1}$ 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 changes to non-qualifying capital issued by consolidated bank subsidiaries to third parties, non-qualifying capital instruments and eligible collective allowance.
    ${ }^{5}$ Includes $\$ 675$ million non-qualifying preferred shares redeemed in Q4/14, includes $\$ 325$ million non-qualifying preferred shares redeemed in Q1/15.
    ${ }^{6}$ Includes $\$ 1,500$ million non-qualifying subordinated debentures redeemed in Q3/15, includes $\$ 600$ million non-qualifying subordinated debentures redeemed in Q3/14

[^6]:    ${ }^{1}$ Wholesale - Real estate and related gross impaired loans in Q3/15 is comprised of amounts based in Canada of $\$ 164$ million, United States of \$nil and Other International of $\$ 148$ million

[^7]:    ${ }^{1}$ Geographic information is based on residence of borrower.
    ${ }^{2}$ PCL related to the sale of impaired loans is now presented in Disposal of loans.
    Exchange and other movements include primarily foreign exchange translations on non-Canadian dollar denominated ACL.

[^8]:    ${ }^{1}$ 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.

[^9]:    Comprises credit default swaps, total return swaps, credit default baskets and credit default options. As at Q3/15, over $81 \%$ of our net exposures are with investment grade counterparties.
    ${ }^{2}$ Gross fair value before netting.
    Replacement cost includes the impact of netting but excludes collateral.
    ${ }^{4}$ Comprises credit default swaps.

