



Supplemental Financial Information

For the Second Quarter Ended April 30, 2016

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Basis of Presentation

The supplemental information contained in this package is designed to improve the readers' understanding of the financial performance of TD Bank Group ("TD" or the "Bank"). This information should be used in conjunction with the Bank's second quarter 2016 Report to Shareholders and Investor Presentation, as well as the Bank's 2015 Annual Report. For financial and banking terms, and acronyms used in this package, refer to the "Glossary" and "Acronyms" pages, respectively.

How the Bank Reports

The Bank prepares its Consolidated Financial Statements in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB), the current generally accepted accounting principles (GAAP), and refers to results prepared in accordance with IFRS as "reported" results. The Bank also utilizes non-GAAP financial measures referred to as "adjusted" results to assess each of its businesses and to measure the Bank's overall performance. To arrive at adjusted results, the Bank removes "items of note", net of income taxes, from reported results. The items of note relate to items which management does not believe are indicative of underlying business performance. The Bank believes that adjusted results provide the reader with a better understanding of how management views the Bank's performance. The items of note are disclosed on page 3 of this package.

As explained, adjusted results differ from reported results determined in accordance with IFRS. Adjusted results, items of note, and related terms used in this package are not defined terms under IFRS and, therefore, may not be comparable to similar terms used by other issuers. A reconciliation between the Bank's reported and adjusted results is provided in the "How the Bank Reports" section of the Bank's second quarter 2016 Management's Discussion and Analysis (MD&A) and second quarter 2016 Earnings News Release.

Segmented Information

For management reporting purposes, the Bank reports its results under three key business segments: Canadian Retail, which includes the results of the Canadian personal and commercial banking, wealth, and insurance businesses; U.S. Retail, which includes the results of the U.S. retail and commercial banking operations, wealth management services, and the Bank's investment in TD Ameritrade; and Wholesale Banking. The Bank's other activities are grouped into the Corporate segment. The appendix page has been included to facilitate comparability with the reportable segments of the Bank's Canadian peers.

Where applicable, the Bank measures and evaluates the performance of each segment based on adjusted results and adjusted return on common equity (ROE). Adjusted ROE is adjusted net income available to common shareholders as a percentage of average common equity. Adjusted ROE is a non-GAAP financial measure as it is not a defined term under IFRS and, therefore, may not be comparable to similar terms used by other issuers. The capital allocated to the business segments is based on 9% Common Equity Tier 1 (CET1) Capital.

The Bank determines its segments based on the view taken by the Chief Executive Officer to regularly evaluate performance and make key operating decisions, and is not necessarily comparable with other financial services companies. Results of each business segment reflect revenue, expenses, and assets generated by the businesses in that segment. Due to the complexity of the Bank, its management reporting model uses various estimates, assumptions, allocations, and risk-based methodologies for funds transfer pricing, inter-segment revenue, income tax rates, capital, indirect expenses, and cost transfers to measure business segment results. Transfer pricing of funds is generally applied at market rates. Inter-segment revenue is negotiated between each business segment and approximates the value provided by the distributing segment. Income tax provision or recovery is generally applied to each segment based on a statutory tax rate and may be adjusted for items and activities unique to each segment.

Net income for the operating business segments is presented before any items of note not attributed to the operating segments. Net interest income within Wholesale Banking is calculated on a taxable equivalent basis (TEB), which means that the value of the non-taxable or tax-exempt income, including dividends, is adjusted to its equivalent before-tax value. Using TEB allows the Bank to measure income from all securities and loans consistently and makes for a more meaningful comparison of net interest income with similar institutions. The TEB increase to net interest income and provision for income taxes reflected in Wholesale Banking results is reversed in the Corporate segment.

Effective the first quarter of 2016, the presentation of the U.S. strategic cards portfolio revenues, provision for credit losses, and expenses in the U.S. Retail segment includes only the Bank's agreed portion of the U.S. strategic cards portfolio, while the Corporate segment includes the retailer program partners' share. Certain comparative amounts have been recast to conform with this revised presentation. There was no impact on the net income of the segments or on the presentation of gross and net results in the Bank's Interim Consolidated Statement of Income.

Basel III Reporting

The Office of the Superintendent of Financial Institutions Canada (OSFI) has implemented a phased-in approach to the Credit Valuation Adjustment (CVA) component included in credit risk-weighted assets (RWA). The CVA capital charge phase-in is based on a scalar approach whereby a CVA capital charge of 57% applies in 2014 for the CET1 calculation and will increase annually until 100% in 2019. Effective the third quarter of 2014, a different scalar applies to the CET1, Tier 1, and Total Capital ratios. Therefore, each capital ratio has its own RWA measure. For the third and fourth quarters of 2014, the scalars for inclusion of CVA for CET1, Tier 1, and Total Capital RWA were 57%, 65%, and 77%, respectively. For fiscal 2015 and 2016, the corresponding scalars are 64%, 71%, and 77%, respectively. All three RWA measures are disclosed as part of the RWA disclosures on page 77, as well as the Capital Position disclosures on pages 78 to 79.

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Highlights

(\$ millions, except as noted)
For the period ended

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Income Statement													
Net interest income	\$ 4,880	\$ 5,047	\$ 4,887	\$ 4,697	\$ 4,580	\$ 4,560	\$ 4,457	\$ 4,435	\$ 4,391	\$ 9,927	\$ 9,140	\$ 18,724	\$ 17,584
Non-interest income	3,379	3,563	3,160	3,309	3,179	3,054	2,995	3,074	3,044	6,942	6,233	12,702	12,377
Total revenue	8,259	8,610	8,047	8,006	7,759	7,614	7,452	7,509	7,435	16,869	15,373	31,426	29,961
Provision for (reversal of) credit losses (PCL)													
Loans	592	648	550	443	396	368	397	329	395	1,240	764	1,757	1,575
Debt securities classified as loans	1	1	(29)	1	(11)	1	(22)	2	2	2	(10)	(38)	(16)
Acquired credit-impaired loans	(9)	(7)	(12)	(7)	(10)	(7)	(4)	7	(5)	(16)	(17)	(36)	(2)
Total provision for (reversal of) credit losses	584	642	509	437	375	362	371	338	392	1,226	737	1,683	1,557
Insurance claims and related expenses	530	655	637	600	564	699	720	771	659	1,185	1,263	2,500	2,833
Non-interest expenses	4,736	4,653	4,911	4,292	4,705	4,165	4,331	4,040	4,029	9,389	8,870	18,073	16,496
Income (loss) before provision for income taxes	2,409	2,660	1,990	2,677	2,115	2,388	2,030	2,360	2,355	5,069	4,503	9,170	9,075
Provision for (recovery of) income taxes	466	546	259	502	344	418	370	330	447	1,012	762	1,523	1,512
Income before equity in net income of an investment in TD Ameritrade	1,943	2,114	1,731	2,175	1,771	1,970	1,660	2,030	1,908	4,057	3,741	7,647	7,563
Equity in net income of an investment in TD Ameritrade	109	109	108	91	88	90	86	77	80	218	178	377	320
Net income – reported	2,052	2,223	1,839	2,266	1,859	2,060	1,746	2,107	1,988	4,275	3,919	8,024	7,883
Adjustment for items of note, net of income taxes	230	24	338	19	310	63	116	60	86	254	373	730	244
Net income – adjusted	2,282	2,247	2,177	2,285	2,169	2,123	1,862	2,167	2,074	4,529	4,292	8,754	8,127
Preferred dividends	37	25	26	25	24	24	32	25	40	62	48	99	143
Net income available to common shareholders and non-controlling interests in subsidiaries – adjusted	\$ 2,245	\$ 2,222	\$ 2,151	\$ 2,260	\$ 2,145	\$ 2,099	\$ 1,830	\$ 2,142	\$ 2,034	\$ 4,467	\$ 4,244	\$ 8,655	\$ 7,984
Attributable to:													
Non-controlling interests – adjusted	\$ 28	\$ 29	\$ 29	\$ 28	\$ 28	\$ 27	\$ 27	\$ 27	\$ 26	\$ 57	\$ 55	\$ 112	\$ 107
Common shareholders – adjusted	2,217	2,193	2,122	2,232	2,117	2,072	1,803	2,115	2,008	4,410	4,189	8,543	7,877
Earnings per Share (EPS) (\$) and Weighted-Average Number of Common Shares Outstanding (millions)¹													
Basic earnings: Reported	\$ 1.07	\$ 1.17	\$ 0.96	\$ 1.20	\$ 0.98	\$ 1.09	\$ 0.92	\$ 1.12	\$ 1.05	\$ 2.24	\$ 2.07	\$ 4.22	\$ 4.15
Adjusted	1.20	1.18	1.15	1.21	1.15	1.12	0.98	1.15	1.09	2.38	2.27	4.62	4.28
Diluted earnings: Reported	1.07	1.17	0.96	1.19	0.97	1.09	0.91	1.11	1.04	2.24	2.06	4.21	4.14
Adjusted	1.20	1.18	1.14	1.20	1.14	1.12	0.98	1.15	1.09	2.38	2.26	4.61	4.27
Weighted-average number of common shares outstanding													
Basic	1,850.9	1,854.1	1,853.1	1,851.1	1,848.3	1,844.2	1,842.0	1,840.2	1,838.9	1,852.5	1,846.2	1,849.2	1,839.1
Diluted	1,853.9	1,857.5	1,857.2	1,855.7	1,853.4	1,849.7	1,842.0	1,846.5	1,844.8	1,855.8	1,851.6	1,854.1	1,845.3
Balance Sheet (\$ billions)													
Total assets	\$ 1,124.8	\$ 1,173.6	\$ 1,104.4	\$ 1,099.2	\$ 1,031.0	\$ 1,080.2	\$ 960.5	\$ 939.7	\$ 908.3	\$ 1,124.8	\$ 1,031.0	\$ 1,104.4	\$ 960.5
Total equity	67.8	71.7	67.0	66.0	61.6	62.6	56.2	54.8	53.8	67.8	61.6	67.0	56.2
Risk Metrics (\$ billions, except as noted)													
Common Equity Tier 1 Capital risk-weighted assets ^{2,3}	\$ 383.6	\$ 399.6	\$ 382.4	\$ 369.5	\$ 343.6	\$ 355.6	\$ 328.4	\$ 316.7	\$ 313.2	\$ 383.6	\$ 343.6	\$ 382.4	\$ 328.4
Common Equity Tier 1 Capital ²	38.9	39.6	38.0	37.2	34.1	33.6	31.0	29.6	29.0	38.9	34.1	38.0	31.0
Common Equity Tier 1 Capital ratio ^{2,3}	10.1 %	9.9 %	9.9 %	10.1 %	9.9 %	9.5 %	9.4 %	9.3 %	9.2 %	10.1 %	9.9 %	9.9 %	9.4 %
Tier 1 Capital ²	\$ 45.0	\$ 45.7	\$ 43.4	\$ 42.6	\$ 39.7	\$ 39.1	\$ 36.0	\$ 35.0	\$ 34.0	\$ 45.0	\$ 39.7	\$ 43.4	\$ 36.0
Tier 1 Capital ratio ^{2,3}	11.7 %	11.4 %	11.3 %	11.5 %	11.5 %	11.0 %	10.9 %	11.0 %	10.9 %	11.7 %	11.5 %	11.3 %	10.9 %
Total Capital ratio ^{2,3}	14.4	13.7	14.0	13.9	13.7	13.0	13.4	13.6	13.6	14.4	13.7	14.0	13.4
Leverage ratio ⁴	3.8	3.7	3.7	3.7	3.7	3.5	n/a	n/a	n/a	3.8	3.7	3.7	n/a
Liquidity coverage ratio (LCR) ^{5,6}	128	124	126	123	122	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
After-tax impact of 1% increase in interest rates on:													
Economic value of shareholders' equity (\$ millions) ⁷	\$ (64)	\$ (125)	\$ (143)	\$ (52)	\$ (189)	\$ (129)	\$ (68)	\$ (40)	\$ (5)	\$ (64)	\$ (189)	\$ (143)	\$ (68)
Net interest income (\$ millions) ⁸	126	170	240	275	280	346	313	290	274	126	280	240	313
Net impaired loans – personal, business, and government (\$ millions) ⁹	2,908	3,143	2,660	2,532	2,381	2,418	2,244	2,139	2,205	2,908	2,381	2,660	2,244
Net impaired loans – personal, business, and government as a % of net loans and acceptances ⁹	0.51 %	0.54 %	0.48 %	0.47 %	0.46 %	0.47 %	0.46 %	0.45 %	0.48 %	0.51 %	0.46 %	0.48 %	0.46 %
Provision for credit losses as a % of net average loans and acceptances ⁹	0.42	0.45	0.40	0.33	0.32	0.29	0.33	0.28	0.35	0.44	0.30	0.34	0.34
Rating of senior debt:													
Moody's	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1	Aa1
Standard and Poor's	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-	AA-

¹ Basic EPS is computed by dividing net income attributable to common shareholders by the weighted-average number of common shares outstanding during the period. For the calculation of diluted EPS, adjustments are made to the net income attributable to common shareholders to include the effect of dilutive securities. As a result, the sum of the quarterly basic and diluted EPS figures may not equal the year-to-date EPS.

² Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

³ The CVA capital charge is being phased in until the first quarter of 2019. For the third and fourth quarters of 2014, the scalars for inclusion of CVA for CET1, Tier 1 and Total Capital RWA were 57%, 65% and 77%, respectively. For fiscal 2015 and 2016, the corresponding scalars are 64%, 71%, and 77%, respectively.

⁴ The leverage ratio is effective starting the first quarter of 2015 and is calculated as Tier 1 Capital, based on the "all-in" methodology, divided by leverage exposures. Refer to page 82 for further details.

⁵ Certain comparative amounts have been recast to conform with the presentation adopted in the current period.

⁶ The LCR percentage is calculated as a simple average of the three month ends in the quarter.

⁷ This is also referred to as economic value at risk (EVaR), and the amounts represent the difference between the change in present value of the Bank's asset portfolio and the change in present value of the Bank's liability portfolio, including off-balance sheet instruments, resulting from an instantaneous change in interest rates.

⁸ Amounts represent the 12-month net interest exposure to an instantaneous and sustained shift in interest rates.

⁹ Excludes acquired credit-impaired (ACI) loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Shareholder Value

(\$ millions, except as noted)
For the period ended

(\$ millions, except as noted) For the period ended		LINE #	2016		2015				2014			Year to Date		Full Year	
			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Business Performance															
Net income available to common shareholders and non-controlling interests in subsidiaries – reported	1	\$ 2,015	\$ 2,198	\$ 1,813	\$ 2,241	\$ 1,835	\$ 2,036	\$ 1,714	\$ 2,082	\$ 1,948	\$ 4,213	\$ 3,871	\$ 7,925	\$ 7,740	
Average common equity	2	64,536	64,641	62,157	58,891	57,744	54,580	51,253	49,897	49,480	64,302	55,854	58,178	49,495	
Return on common equity – reported	3	12.5 %	13.3 %	11.4 %	14.9 %	12.8 %	14.6 %	13.1 %	16.3 %	15.9 %	13.0 %	13.8 %	13.4 %	15.4 %	
Return on common equity – adjusted	4	14.0	13.5	13.5	15.0	15.0	15.1	14.0	16.8	16.6	13.8	15.1	14.7	15.9	
Return on Common Equity Tier 1 Capital risk-weighted assets – adjusted ¹	5	2.30	2.23	2.24	2.48	2.48	2.40	2.22	2.66	2.63	2.28	2.47	2.40	2.53	
Efficiency ratio – reported	6	57.3	54.0	61.0	53.6	60.6	54.7	58.1	53.8	54.2	55.6	57.7	57.5	55.1	
Efficiency ratio – adjusted	7	54.8	53.5	55.3	53.4	54.8	53.8	56.2	52.3	52.8	54.1	54.3	54.3	53.4	
Effective tax rate															
Reported	8	19.3	20.5	13.0	18.8	16.3	17.5	18.2	14.0	19.0	20.0	16.9	16.6	16.7	
Adjusted (TEB)	9	21.0	22.9	20.0	21.6	22.1	22.4	21.6	19.1	22.9	22.0	22.2	21.5	21.1	
Net interest margin as a % of average earning assets	10	2.05	2.06	2.02	2.01	2.07	2.10	2.13	2.17	2.26	2.05	2.09	2.05	2.18	
Average number of full-time equivalent staff	11	80,025	79,927	80,554	81,352	81,853	82,183	82,148	81,542	80,494	79,975	82,021	81,483	81,137	
Common Share Performance															
Closing market price (\$)	12	\$ 55.85	\$ 53.15	\$ 53.68	\$ 52.77	\$ 55.70	\$ 50.60	\$ 55.47	\$ 57.02	\$ 52.73	\$ 55.85	\$ 55.70	\$ 53.68	\$ 55.47	
Book value per common share (\$)	13	33.89	35.99	33.81	33.25	30.90	31.60	28.45	27.48	27.14	33.89	30.90	33.81	28.45	
Closing market price to book value	14	1.65	1.48	1.59	1.59	1.80	1.60	1.95	2.07	1.94	1.65	1.80	1.59	1.95	
Price-earnings ratio															
Reported	15	12.7	12.4	12.8	12.7	13.7	12.2	13.4	14.0	14.1	12.7	13.7	12.8	13.4	
Adjusted	16	11.8	11.4	11.7	11.9	12.7	11.7	13.0	13.4	13.5	11.8	12.7	11.7	13.0	
Total shareholder return on common shareholders' investment ²	17	4.3 %	9.2 %	0.4 %	(4.1) %	9.4 %	8.8 %	20.1 %	36.2 %	32.4 %	4.3 %	9.4 %	0.4 %	20.1 %	
Number of common shares outstanding (millions)	18	1,853.5	1,850.3	1,855.1	1,853.6	1,851.6	1,845.5	1,844.6	1,841.6	1,841.7	1,853.5	1,851.6	1,855.1	1,844.6	
Total market capitalization (\$ billions)	19	\$ 103.5	\$ 98.3	\$ 99.6	\$ 97.8	\$ 103.1	\$ 93.4	\$ 102.3	\$ 105.0	\$ 97.1	\$ 103.5	\$ 103.1	\$ 99.6	\$ 102.3	
Dividend Performance															
Dividend per common share (\$)	20	\$ 0.55	\$ 0.51	\$ 0.51	\$ 0.51	\$ 0.51	\$ 0.47	\$ 0.47	\$ 0.47	\$ 0.47	\$ 1.06	\$ 0.98	\$ 2.00	\$ 1.84	
Dividend yield	21	4.0 %	3.9 %	3.9 %	3.7 %	3.6 %	3.5 %	3.4 %	3.3 %	3.5 %	4.0 %	3.6 %	3.8 %	3.5 %	
Common dividend payout ratio															
Reported	22	51.2	43.6	53.0	42.7	52.2	43.2	51.3	42.0	45.0	47.2	47.4	47.4	44.3	
Adjusted	23	45.9	43.1	44.5	42.3	44.5	41.8	48.0	40.9	43.1	44.5	43.2	43.3	43.0	

¹ Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

² Return is calculated based on share price movement and dividends reinvested over a trailing one year period.

Adjustments for Items of Note, Net of Income Taxes¹

For the period ended	LINE #	2016		2015				2014			Year to Date		Full Year		
		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014	
Increase (Decrease) in Net Income Due to Items of Note (\$ millions)															
Amortization of intangibles (Footnote 2)	1	\$ 63	\$ 65	\$ 65	\$ 62	\$ 65	\$ 63	\$ 62	\$ 60	\$ 63	\$ 128	\$ 128	\$ 255	\$ 246	
Fair value of derivatives hedging the reclassified available-for-sale securities portfolio (Footnote 3)	2	51	(41)	(21)	(19)	(15)	—	—	(24)	—	10	(15)	(55)	(43)	
Impairment of goodwill, non-financial assets, and other charges (Footnote 4)	3	116	—	—	—	—	—	—	—	—	116	—	—	—	
Restructuring charges (Footnote 5)	4	—	—	243	—	228	—	—	—	—	—	228	471	—	
Charge related to the acquisition in U.S. strategic cards portfolio and related integration costs (Footnote 6)	5	—	—	51	—	—	—	—	—	—	—	—	51	—	
Litigation and litigation-related charge/reserve (Footnote 7)	6	—	—	—	(24)	32	—	—	—	—	—	32	8	—	
Integration charges and direct transaction costs relating to the acquisition of the credit card portfolio of MBNA Canada (Footnote 8)	7	—	—	—	—	—	—	54	27	23	—	—	—	125	
Set-up, conversion and other one-time costs related to affinity relationship with Aimia and acquisition of Aeroplan Visa credit card accounts (Footnote 9)	8	—	—	—	—	—	—	—	16	—	—	—	—	131	
Impact of Alberta flood on the loan portfolio (Footnote 10)	9	—	—	—	—	—	—	—	(19)	—	—	—	—	(19)	
Gain on sale of TD Waterhouse Institutional Services (Footnote 11)	10	—	—	—	—	—	—	—	—	—	—	—	—	(196)	
Total	11	\$ 230	\$ 24	\$ 338	\$ 19	\$ 310	\$ 63	\$ 116	\$ 60	\$ 86	\$ 254	\$ 373	\$ 730	\$ 244	
Increase (Decrease) in Earnings per Share Due to Items of Note (\$) (Footnote 12)															
Amortization of intangibles (Footnote 2)	12	\$ 0.04	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.04	\$ 0.03	\$ 0.04	\$ 0.03	\$ 0.04	\$ 0.07	\$ 0.07	\$ 0.14	\$ 0.12	
Fair value of derivatives hedging the reclassified available-for-sale securities portfolio (Footnote 3)	13	0.03	(0.02)	(0.01)	(0.01)	(0.01)	—	—	(0.01)	—	0.01	(0.01)	(0.03)	(0.02)	
Impairment of goodwill, non-financial assets, and other charges (Footnote 4)	14	0.06	—	—	—	—	—	—	—	—	0.06	—	—	—	
Restructuring charges (Footnote 5)	15	—	—	0.13	—	0.12	—	—	—	—	—	0.12	0.25	—	
Charge related to the acquisition in U.S. strategic cards portfolio and related integration costs (Footnote 6)	16	—	—	0.03	—	—	—	—	—	—	—	—	0.03	—	
Litigation and litigation-related charge/reserve (Footnote 7)	17	—	—	—	(0.01)	0.02	—	—	—	—	—	0.02	0.01	—	
Integration charges and direct transaction costs relating to the acquisition of the credit card portfolio of MBNA Canada (Footnote 8)	18	—	—	—	—	—	—	0.03	0.02	0.01	—	—	—	0.07	
Set-up, conversion and other one-time costs related to affinity relationship with Aimia and acquisition of Aeroplan Visa credit card accounts (Footnote 9)	19	—	—	—	—	—	—	—	0.01	—	—	—	—	0.07	
Impact of Alberta flood on the loan portfolio (Footnote 10)	20	—	—	—	—	—	—	—	(0.01)	—	—	—	—	(0.01)	
Gain on sale of TD Waterhouse Institutional Services (Footnote 11)	21	—	—	—	—	—	—	—	—	—	—	—	—	(0.10)	
Total	22	\$ 0.13	\$ 0.01	\$ 0.18	\$ 0.01	\$ 0.17	\$ 0.03	\$ 0.07	\$ 0.04	\$ 0.05	\$ 0.14	\$ 0.20	\$ 0.40	\$ 0.13	

¹ For detailed footnotes to the items of note, refer to page 83.

Segmented Results Summary

(\$ millions, except as noted)

For the period ended

(\$ millions, except as noted)
For the period ended

	LINE #	2016		2015				2014			Year to Date		Full Year	
		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net Income (loss) – Adjusted														
Canadian Retail	1	\$ 1,464	\$ 1,513	\$ 1,496	\$ 1,557	\$ 1,436	\$ 1,449	\$ 1,358	\$ 1,443	\$ 1,349	\$ 2,977	\$ 2,885	\$ 5,938	\$ 5,490
U.S. Retail	2	719	751	646	650	626	625	509	561	548	1,470	1,251	2,547	2,110
Total Retail	3	2,183	2,264	2,142	2,207	2,062	2,074	1,867	2,004	1,897	4,447	4,136	8,485	7,600
Wholesale Banking	4	219	161	196	239	246	192	160	216	207	380	438	873	813
Corporate	5	(120)	(178)	(161)	(161)	(139)	(143)	(165)	(53)	(30)	(298)	(282)	(604)	(286)
Total Bank	6	\$ 2,282	\$ 2,247	\$ 2,177	\$ 2,285	\$ 2,169	\$ 2,123	\$ 1,862	\$ 2,167	\$ 2,074	\$ 4,529	\$ 4,292	\$ 8,754	\$ 8,127
Return on Common Equity – Adjusted ¹														
Canadian Retail	7	41.7 %	42.6 %	42.3 %	44.6 %	42.3 %	41.9 %	42.5 %	44.7 %	43.7 %	42.1 %	42.1 %	42.8 %	43.7 %
U.S. Retail	8	8.7	8.7	7.8	8.3	8.3	8.5	7.6	9.0	9.1	8.7	8.4	8.2	8.4
Wholesale Banking ²	9	14.8	10.6	13.0	17.2	17.7	13.0	13.0	18.4	18.2	12.7	15.3	15.2	17.5
Total Bank ²	10	14.0	13.5	13.5	15.0	15.0	15.1	14.0	16.8	16.6	13.8	15.1	14.7	15.9
Percentage of Adjusted Net Income Mix ³														
Total Retail	11	91 %	93 %	92 %	90 %	89 %	92 %	92 %	90 %	90 %	92 %	90 %	91 %	90 %
Wholesale Banking	12	9	7	8	10	11	8	8	10	10	8	10	9	10
Total Bank	13	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
Geographic Contribution to Total Revenue ⁴														
Canada	14	54 %	62 %	65 %	64 %	59 %	69 %	66 %	65 %	63 %	58 %	64 %	64 %	66 %
United States	15	36	36	35	33	31	30	28	27	29	36	31	32	28
Other International	16	10	2	—	3	10	1	6	8	8	6	5	4	6
Total Bank	17	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %

¹ Capital allocated to the business segments was based on 8% CET1 Capital in fiscal 2014 and 9% in fiscal 2015 and 2016.

² CVA is being included in accordance with the OSFI guidance.

³ Percentages exclude the Corporate segment results.

⁴ TEB amounts are not included.

Canadian Retail Segment

RESULTS OF OPERATIONS

(\$ millions, except as noted)
For the period ended

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net interest income	\$ 2,418	\$ 2,491	\$ 2,497	\$ 2,480	\$ 2,369	\$ 2,435	\$ 2,435	\$ 2,436	\$ 2,322	\$ 4,909	\$ 4,804	\$ 9,781	\$ 9,538
Non-interest income	2,469	2,540	2,500	2,531	2,409	2,464	2,485	2,498	2,356	5,009	4,873	9,904	9,623
Total revenue	4,887	5,031	4,997	5,011	4,778	4,899	4,920	4,934	4,678	9,918	9,677	19,685	19,161
Provision for (reversal of) credit losses	262	228	221	237	239	190	250	228	238	490	429	887	946
Insurance claims and other related expenses	530	655	637	600	564	699	720	771	659	1,185	1,263	2,500	2,833
Non-interest expenses	2,095	2,079	2,143	2,104	2,075	2,085	2,224	2,076	2,019	4,174	4,160	8,407	8,438
Income (loss) before income taxes	2,000	2,069	1,996	2,070	1,900	1,925	1,726	1,859	1,762	4,069	3,825	7,891	6,944
Provision for (recovery of) income taxes	536	556	500	513	464	476	422	459	436	1,092	940	1,953	1,710
Net income – reported	1,464	1,513	1,496	1,557	1,436	1,449	1,304	1,400	1,326	2,977	2,885	5,938	5,234
Adjustments for items of note, net of income taxes ¹	–	–	–	–	–	–	54	43	23	–	–	–	256
Net income – adjusted	\$ 1,464	\$ 1,513	\$ 1,496	\$ 1,557	\$ 1,436	\$ 1,449	\$ 1,358	\$ 1,443	\$ 1,349	\$ 2,977	\$ 2,885	\$ 5,938	\$ 5,490
Average common equity (\$ billions)	\$ 14.3	\$ 14.1	\$ 14.0	\$ 13.8	\$ 13.9	\$ 13.7	\$ 12.7	\$ 12.8	\$ 12.6	\$ 14.2	\$ 13.8	\$ 13.9	\$ 12.6
Return on common equity – reported ²	41.7 %	42.6 %	42.3 %	44.6 %	42.3 %	41.9 %	40.8 %	43.4 %	43.0 %	42.1 %	42.1 %	42.8 %	41.7 %
Return on common equity – adjusted ²	41.7	42.6	42.3	44.6	42.3	41.9	42.5	44.7	43.7	42.1	42.1	42.8	43.7
Key Performance Indicators (\$ billions, except as noted)													
Common Equity Tier 1 Capital risk-weighted assets ³	\$ 110	\$ 108	\$ 106	\$ 107	\$ 104	\$ 102	\$ 100	\$ 99	\$ 98	\$ 110	\$ 104	\$ 106	\$ 100
Average loans – personal	185.3	185.2	182.2	177.3	175.0	175.2	172.9	168.3	165.9	185.3	175.1	177.5	168.1
Residential mortgages													
Consumer instalment and other personal	61.2	61.0	60.8	60.3	59.7	59.3	59.3	59.7	60.0	61.1	59.5	60.0	59.9
Home Equity Line of Credit (HELOC)	19.2	19.0	18.5	17.7	17.0	16.6	15.9	15.1	14.5	19.1	16.8	17.4	15.0
Indirect auto	15.8	16.2	16.1	16.7	16.3	16.2	16.0	15.5	15.4	16.0	16.3	16.4	15.5
Other	18.7	19.2	19.0	18.7	18.2	18.9	19.2	19.3	18.9	18.9	18.6	18.7	18.7
Credit card													
Total average loans – personal	300.2	300.6	296.6	290.7	286.2	286.2	283.3	277.9	274.7	300.4	286.3	290.0	277.2
Average loans and acceptances – business	60.4	58.3	57.0	55.9	54.5	52.8	52.1	51.1	50.2	59.3	53.6	55.0	50.5
Average deposits													
Personal	168.9	167.1	165.1	161.4	159.3	157.8	155.9	153.9	152.9	168.0	158.5	160.9	153.9
Business	85.0	85.2	84.4	84.0	81.4	82.6	80.6	78.2	76.5	85.1	82.0	83.1	78.0
Wealth	20.5	19.4	18.9	18.5	18.5	17.7	17.5	17.4	17.3	19.9	18.1	18.4	17.3
Margin on average earning assets including securitized assets	2.77 %	2.80 %	2.84 %	2.88 %	2.89 %	2.88 %	2.92 %	2.98 %	2.97 %	2.79 %	2.89 %	2.87 %	2.95 %
Assets under administration	\$ 321	\$ 308	\$ 310	\$ 314	\$ 312	\$ 302	\$ 293	\$ 285	\$ 278	\$ 321	\$ 312	\$ 310	\$ 293
Assets under management	254	247	245	249	244	242	227	227	219	254	244	245	227
Gross originated insurance premiums (\$ millions)	973	870	1,046	1,104	977	861	1,026	1,078	950	1,843	1,838	3,988	3,893
Efficiency ratio – reported	42.9 %	41.3 %	42.9 %	42.0 %	43.4 %	42.6 %	45.2 %	42.1 %	43.2 %	42.1 %	43.0 %	42.7 %	44.0 %
Efficiency ratio – adjusted	42.9	41.3	42.9	42.0	43.4	42.6	43.7	40.9	42.5	42.1	43.0	42.7	42.2
Non-interest expenses – adjusted (\$ millions)	\$ 2,095	\$ 2,079	\$ 2,143	\$ 2,104	\$ 2,075	\$ 2,085	\$ 2,151	\$ 2,018	\$ 1,987	\$ 4,174	\$ 4,160	\$ 8,407	\$ 8,091
Number of Canadian retail branches at period end	1,152	1,157	1,165	1,166	1,165	1,164	1,165	1,164	1,174	1,152	1,165	1,165	1,165
Average number of full-time equivalent staff	37,987	38,301	38,782	39,180	39,312	39,602	39,671	39,429	39,171	38,145	39,459	39,218	39,389

¹ Items of note relate primarily to integration charges and direct transaction costs relating to the acquisition of the credit card portfolio of MBNA Canada and set-up, conversion, and other one-time costs related to affinity relationship with Aimia and acquisition of Aeroplan Visa credit card accounts. Refer to footnotes 8 and 9, respectively, on page 83.

² Capital allocated to the business segments was based on 8% CET1 Capital in fiscal 2014 and 9% in fiscal 2015 and 2016.

³ Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

U.S. Retail Segment – Canadian Dollars

RESULTS OF OPERATIONS

(\$ millions, except as noted)
For the period ended

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net interest income	\$ 1,737	\$ 1,769	\$ 1,658	\$ 1,527	\$ 1,516	\$ 1,430	\$ 1,320	\$ 1,306	\$ 1,287	\$ 3,506	\$ 2,946	\$ 6,131	\$ 5,179
Non-interest income	553	630	492	576	519	511	469	486	514	1,183	1,030	2,098	1,986
Total revenue	2,290	2,399	2,150	2,103	2,035	1,941	1,789	1,792	1,801	4,689	3,976	8,229	7,165
Provision for (reversal of) credit losses													
Loans	170	227	215	159	122	113	112	71	106	397	235	609	454
Debt securities classified as loans	1	1	(29)	1	(11)	1	(22)	2	2	2	(10)	(38)	(16)
Acquired credit-impaired loans ¹	(9)	(7)	(12)	(7)	(10)	(7)	(4)	7	(5)	(16)	(17)	(36)	(2)
Total provision for (reversal of) credit losses	162	221	174	153	101	107	86	80	103	383	208	535	436
Non-interest expenses	1,416	1,406	1,442	1,239	1,329	1,178	1,176	1,114	1,125	2,822	2,507	5,188	4,512
Income (loss) before income taxes	712	772	534	711	605	656	527	598	573	1,484	1,261	2,506	2,217
Provision for (recovery of) income taxes	101	130	48	129	96	121	101	113	103	231	217	394	412
U.S. Retail Bank net income – reported²	611	642	486	582	509	535	426	485	470	1,253	1,044	2,112	1,805
Adjustments for items of note, net of income taxes ³	–	–	51	(24)	32	–	–	–	–	–	32	59	–
U.S. Retail Bank net income – adjusted²	611	642	537	558	541	535	426	485	470	1,253	1,076	2,171	1,805
Equity in net income of an investment in TD Ameritrade ⁴	108	109	109	92	85	90	83	76	78	217	175	376	305
Net income – adjusted	719	751	646	650	626	625	509	561	548	1,470	1,251	2,547	2,110
Net income – reported	719	751	595	674	594	625	509	561	548	1,470	1,219	2,488	2,110
Average common equity (\$ billions)	\$ 33.6	\$ 34.4	\$ 33.1	\$ 31.1	\$ 31.0	\$ 29.1	\$ 26.4	\$ 24.8	\$ 24.7	\$ 34.0	\$ 31.0	\$ 31.1	\$ 25.1
Return on common equity – reported ⁵	8.7 %	8.7 %	7.1 %	8.6 %	7.9 %	8.5 %	7.6 %	9.0 %	9.1 %	8.7 %	8.2 %	8.0 %	8.4 %
Return on common equity – adjusted ⁵	8.7	8.7	7.8	8.3	8.3	8.5	7.6	9.0	9.1	8.7	8.4	8.2	8.4
Key Performance Indicators (\$ billions, except as noted)													
Common Equity Tier 1 Capital risk-weighted assets ⁶	\$ 200	\$ 216	\$ 200	\$ 190	\$ 173	\$ 180	\$ 158	\$ 151	\$ 149	\$ 200	\$ 173	\$ 200	\$ 158
Average loans – personal													
Residential mortgages	27.3	28.5	27.6	26.2	26.4	24.6	23.2	22.5	22.9	27.9	25.5	26.2	22.7
Consumer instalment and other personal													
HELOC	13.4	14.1	13.5	12.9	13.0	12.2	11.6	11.3	11.5	13.8	12.6	12.9	11.4
Indirect auto	26.3	26.7	24.6	22.3	21.5	19.6	18.3	17.2	17.4	26.5	20.6	22.0	17.5
Other	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.7	0.6	0.7	0.5
Credit card	12.9	13.8	10.6	8.9	8.7	8.5	7.6	7.4	7.5	13.4	8.6	9.1	7.5
Total average loans – personal	80.6	83.9	77.0	71.0	70.3	65.5	61.3	59.0	59.8	82.3	67.9	70.9	59.6
Average loans and acceptances – business	97.4	99.8	89.6	81.6	78.2	70.6	64.1	60.5	59.4	98.5	74.3	80.0	60.1
Average debt securities classified as loans	1.7	1.8	1.9	1.9	2.1	2.1	2.1	2.2	2.3	1.8	2.1	2.0	2.3
Average deposits													
Personal	103.2	102.7	96.5	90.8	89.9	80.6	75.1	73.2	74.2	103.0	85.2	89.4	73.0
Business ^{7,8}	82.2	84.8	80.3	72.0	71.8	66.6	63.0	59.5	60.7	83.5	69.2	72.7	60.4
TD Ameritrade insured deposit accounts	111.4	111.9	104.5	94.3	93.1	87.4	82.4	78.4	80.4	111.7	90.2	94.8	79.8
Margin on average earning assets ⁹	3.11 %	3.11 %	3.08 %	3.05 %	3.14 %	3.20 %	3.15 %	3.23 %	3.17 %	3.11 %	3.17 %	3.12 %	3.20 %
Assets under administration	\$ 15	\$ 17	\$ 16	\$ 15	\$ 13	\$ 14	\$ 13	\$ 12	\$ 12	\$ 15	\$ 13	\$ 16	\$ 13
Assets under management	90	100	101	97	88	77	67	61	59	90	88	101	67
Efficiency ratio – reported	61.8 %	58.6 %	67.1 %	58.9 %	65.3 %	60.7 %	65.7 %	62.2 %	62.5 %	60.2 %	63.1 %	63.0 %	63.0 %
Efficiency ratio – adjusted	61.8	58.6	64.5	60.8	62.8	60.7	65.7	62.2	62.5	60.2	61.7	62.2	63.0
Total revenue - adjusted (\$ millions)	\$ 2,290	\$ 2,399	\$ 2,223	\$ 2,103	\$ 2,035	\$ 1,941	\$ 1,789	\$ 1,792	\$ 1,801	\$ 4,689	\$ 3,976	\$ 8,302	\$ 7,165
Non-interest expenses – adjusted (\$ millions)	1,416	1,406	1,433	1,278	1,277	1,178	1,176	1,114	1,125	2,822	2,455	5,166	4,512
Number of U.S. retail stores as at period end ¹⁰	1,265	1,264	1,298	1,305	1,302	1,301	1,318	1,306	1,297	1,265	1,302	1,298	1,318
Average number of full-time equivalent staff	25,599	25,226	25,250	25,546	25,775	26,021	26,162	26,056	25,965	25,410	25,900	25,647	26,074

¹ Includes all Federal Deposit Insurance Corporation (FDIC) covered loans and other ACI loans.

² Excludes TD Ameritrade.

³ Items of note relate to the charge related to the acquisition in U.S. strategic cards portfolio and related integration costs, and litigation and litigation-related charge/reserve. Refer to footnotes 6 and 7, respectively, on page 83.

⁴ Includes the net impact of internal management adjustments which are reclassified to other reporting lines in the Corporate segment.

⁵ Capital allocated to the business segments was based on 8% CET1 Capital in fiscal 2014 and 9% in fiscal 2015 and 2016.

⁶ Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

⁷ Certain comparative amounts have been restated to conform with the presentation adopted in the current period.

⁸ Effective the first quarter of 2016, excludes the impact of intercompany deposits.

⁹ The margin on average earning assets a) includes the value of tax-exempt interest income, adjusted to its equivalent before-tax value, and b) excludes the impact related to the TD Ameritrade insured deposit accounts (IDA). Effective the second quarter of 2015, this ratio a) excludes the impact of cash collateral deposited by affiliates with the U.S. banks, which has been eliminated at the U.S. Retail segment level, and b) the allocation to the IDA has been changed to reflect the Basel III liquidity rules.

¹⁰ Includes full service retail banking stores.

U.S. Retail Segment – U.S. Dollars

RESULTS OF OPERATIONS

(US\$ millions, except as noted)
For the period ended

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net interest income	\$ 1,308	\$ 1,288	\$ 1,260	\$ 1,224	\$ 1,215	\$ 1,226	\$ 1,193	\$ 1,207	\$ 1,165	\$ 2,596	\$ 2,441	\$ 4,925	\$ 4,749
Non-interest income	417	459	373	463	415	438	425	450	465	876	853	1,689	1,823
Total revenue	1,725	1,747	1,633	1,687	1,630	1,664	1,618	1,657	1,630	3,472	3,294	6,614	6,572
Provision for (reversal of) credit losses													
Loans	129	164	164	127	98	99	101	66	95	293	197	488	416
Debt securities classified as loans	1	1	(22)	1	(9)	1	(20)	2	2	2	(8)	(29)	(14)
Acquired credit-impaired loans ¹	(7)	(5)	(9)	(6)	(8)	(6)	(3)	6	(4)	(12)	(14)	(29)	(1)
Total provision for (reversal of) credit losses	123	160	133	122	81	94	78	74	93	283	175	430	401
Non-interest expenses	1,067	1,022	1,096	994	1,065	1,010	1,063	1,030	1,019	2,089	2,075	4,165	4,136
Income (loss) before income taxes	535	565	404	571	484	560	477	553	518	1,100	1,044	2,019	2,035
Provision for (recovery of) income taxes	76	95	36	102	77	103	92	104	93	171	180	318	378
U.S. Retail Bank net income – reported²	459	470	368	469	407	457	385	449	425	929	864	1,701	1,657
Adjustments for items of note, net of income taxes ³	—	—	39	(19)	26	—	—	—	—	—	26	46	—
U.S. Retail Bank – adjusted⁴	459	470	407	450	433	457	385	449	425	929	890	1,747	1,657
Equity in net income of an investment in TD Ameritrade ⁴	78	82	84	74	69	79	77	69	70	160	148	306	281
Net income – adjusted	537	552	491	524	502	536	462	518	495	1,089	1,038	2,053	1,938
Net income – reported	537	552	452	543	476	536	462	518	495	1,089	1,012	2,007	1,938
Average common equity (US\$ billions)	\$ 25.2	\$ 25.1	\$ 25.1	\$ 24.9	\$ 24.9	\$ 25.0	\$ 23.9	\$ 22.9	\$ 22.4	\$ 25.2	\$ 25.0	\$ 25.0	\$ 23.0
Key Performance Indicators (US\$ billions, except as noted)													
Common Equity Tier 1 Capital risk-weighted assets ⁵	\$ 160	\$ 154	\$ 153	\$ 145	\$ 144	\$ 141	\$ 140	\$ 138	\$ 136	\$ 160	\$ 144	\$ 153	\$ 140
Average loans – personal													
Residential mortgages	20.6	20.7	20.9	21.0	21.1	21.1	21.0	20.8	20.7	20.7	21.1	21.0	20.8
Consumer instalment and other personal													
HELOC	10.1	10.3	10.3	10.4	10.4	10.4	10.5	10.5	10.4	10.2	10.4	10.4	10.4
Indirect auto	19.8	19.4	18.7	17.9	17.3	16.8	16.6	15.9	15.7	19.6	17.1	17.7	16.1
Other	0.6	0.5	0.6	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.5
Credit card	9.7	10.1	8.0	7.1	7.0	7.3	6.9	6.8	6.8	9.9	7.1	7.3	6.9
Total average loans – personal	60.8	61.0	58.5	56.9	56.3	56.2	55.5	54.6	54.1	60.9	56.2	57.0	54.7
Average loans and acceptances – business	73.3	72.6	68.1	65.4	62.6	60.5	58.0	55.9	53.7	72.9	61.6	64.2	55.1
Average debt securities classified as loans	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	1.3	1.7	1.6	2.1
Average deposits													
Personal	77.8	74.7	73.3	72.8	72.0	69.1	68.0	67.7	67.2	76.3	70.6	71.8	66.9
Business ^{6,7}	62.0	61.7	61.0	57.7	57.5	57.1	57.0	55.0	54.9	61.8	57.3	58.3	55.4
TD Ameritrade insured deposit accounts	83.9	81.4	79.4	75.6	74.6	74.9	74.6	72.4	72.8	82.7	74.7	76.1	73.2
Total revenue – adjusted (US\$ millions)	1,725	1,747	1,689	1,687	1,630	1,664	1,618	1,657	1,630	3,472	3,294	6,670	6,572
Non-interest expenses – adjusted (US\$ millions)	1,067	1,022	1,089	1,024	1,023	1,010	1,063	1,030	1,019	2,089	2,033	4,146	4,136

¹ Includes all FDIC covered loans and other ACI loans.

² Excludes TD Ameritrade.

³ Items of note relate to the charge related to the acquisition in U.S. strategic cards portfolio and related integration costs, and litigation and litigation-related charge/reserve. Refer to footnotes 6 and 7, respectively, on page 83.

⁴ Includes the net impact of internal management adjustments which are reclassified to other reporting lines in the Corporate segment.

⁵ Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

⁶ Certain comparative amounts have been restated to conform with the presentation adopted in the current period.

⁷ Effective the first quarter of 2016, excludes the impact of intercompany deposits.

Wholesale Banking Segment

RESULTS OF OPERATIONS

(\$ millions, except as noted)
For the period ended

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net interest income (TEB)	\$ 440	\$ 459	\$ 550	\$ 564	\$ 584	\$ 597	\$ 537	\$ 589	\$ 533	\$ 899	\$ 1,181	\$ 2,295	\$ 2,210
Non-interest income	326	205	116	201	200	114	67	91	145	531	314	631	470
Total revenue	766	664	666	765	784	711	604	680	678	1,430	1,495	2,926	2,680
Provision for (reversal of) credit losses ¹	50	12	14	2	—	2	(1)	5	7	62	2	18	11
Non-interest expenses	441	429	390	431	447	433	381	392	405	870	880	1,701	1,589
Income (loss) before income taxes	275	223	262	332	337	276	224	283	266	498	613	1,207	1,080
Income taxes (TEB)	56	62	66	93	91	84	64	67	59	118	175	334	267
Net income (loss) – reported	219	161	196	239	246	192	160	216	207	380	438	873	813
Net income (loss) – adjusted	219	161	196	239	246	192	160	216	207	380	438	873	813
Average common equity (\$ billions)	\$ 6.0	\$ 6.1	\$ 6.0	\$ 5.5	\$ 5.7	\$ 5.9	\$ 4.9	\$ 4.7	\$ 4.7	\$ 6.0	\$ 5.8	\$ 5.8	\$ 4.7
Return on common equity ^{2,3}	14.8 %	10.6 %	13.0 %	17.2 %	17.7 %	13.0 %	13.0 %	18.4 %	18.2 %	12.7 %	15.3 %	15.2 %	17.5 %

Key Performance Indicators

(\$ billions, except as noted)

Common Equity Tier 1 Capital risk-weighted assets ⁴	\$ 63	\$ 65	\$ 65	\$ 62	\$ 57	\$ 64	\$ 61	\$ 57	\$ 56	\$ 63	\$ 57	\$ 65	\$ 61
Gross drawn ⁵	19	18	16	16	14	14	12	10	10	19	14	16	12
Efficiency ratio	57.6 %	64.6 %	58.6 %	56.3 %	57.0 %	60.9 %	63.1 %	57.6 %	59.7 %	60.8 %	58.9 %	58.1 %	59.3 %
Average number of full-time equivalent staff	3,649	3,712	3,741	3,736	3,771	3,746	3,727	3,726	3,618	3,681	3,758	3,748	3,654

Trading-Related Income (Loss) (TEB)⁶

Interest rate and credit	\$ 172	\$ 171	\$ 112	\$ 190	\$ 208	\$ 90	\$ 79	\$ 125	\$ 181	\$ 343	\$ 298	\$ 600	\$ 593
Foreign exchange	163	154	109	104	120	134	101	97	83	317	254	467	385
Equity and other	94	55	95	131	96	156	116	103	101	149	252	478	416
Total trading-related income (loss)	429	380	316	425	424	380	296	325	365	809	804	1,545	1,394

¹ Includes the cost of credit protection incurred in hedging the lending portfolio.

² Capital allocated to the business segments was based on 8% CET1 Capital in fiscal 2014 and 9% in fiscal 2015 and 2016.

³ CVA is included in accordance with OSFI guidance.

⁴ Amounts are calculated in accordance with the Basel III regulatory framework and are presented based on the "all-in" methodology.

⁵ Includes gross loans and bankers' acceptances, excluding letters of credit and before any cash collateral, credit default swaps (CDS) and reserves for the corporate lending business.

⁶ Includes trading-related income reported in net interest income and non-interest income.

Corporate Segment

RESULTS OF OPERATIONS

(\$ millions) For the period ended		2016		2015				2014			Year to Date		Full Year	
	LINE #	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net interest income (loss) ^{1,2}	1	\$ 285	\$ 328	\$ 182	\$ 126	\$ 111	\$ 98	\$ 165	\$ 104	\$ 249	\$ 613	\$ 209	\$ 517	\$ 657
Non-interest income (loss) ²	2	31	188	52	1	51	(35)	(26)	(1)	29	219	16	69	298
Total revenue	3	316	516	234	127	162	63	139	103	278	832	225	586	955
Provision for (reversal of) credit losses ^{2,3}	4	110	181	100	45	35	63	36	25	44	291	98	243	164
Non-interest expenses	5	784	739	936	518	854	469	550	458	480	1,523	1,323	2,777	1,957
Income (loss) before income taxes and equity in net income of an investment in TD Ameritrade	6	(578)	(404)	(802)	(436)	(727)	(469)	(447)	(380)	(246)	(982)	(1,196)	(2,434)	(1,166)
Provision for (recovery of) income taxes ¹	7	(227)	(202)	(355)	(233)	(307)	(263)	(217)	(309)	(151)	(429)	(570)	(1,158)	(877)
Equity in net income of an investment in TD Ameritrade	8	1	—	(1)	(1)	3	—	3	1	2	1	3	1	15
Net income (loss) – reported	9	(350)	(202)	(448)	(204)	(417)	(206)	(227)	(70)	(93)	(552)	(623)	(1,275)	(274)
Adjustments for items of note, net of income taxes ⁴	10	230	24	287	43	278	63	62	17	63	254	341	671	(12)
Net income (loss) – adjusted	11	\$ (120)	\$ (178)	\$ (161)	\$ (161)	\$ (139)	\$ (143)	\$ (165)	\$ (53)	\$ (30)	\$ (298)	\$ (282)	\$ (604)	\$ (286)
Decomposition of Adjustments for Items of Note, Net of Income Taxes⁴														
Amortization of intangibles (Footnote 2)	12	\$ 63	\$ 65	\$ 65	\$ 62	\$ 65	\$ 63	\$ 62	\$ 60	\$ 63	\$ 128	\$ 128	\$ 255	\$ 246
Fair value of derivatives hedging the reclassified available-for-sale securities portfolio (Footnote 3)	13	51	(41)	(21)	(19)	(15)	—	—	(24)	—	10	(15)	(55)	(43)
Impairment of goodwill, non-financial assets, and other charges (Footnote 4)	14	116	—	—	—	—	—	—	—	—	116	—	—	—
Restructuring charges (Footnote 5)	15	—	—	243	—	228	—	—	—	—	—	228	471	—
Impact of Alberta flood on the loan portfolio (Footnote 10)	16	—	—	—	—	—	—	—	(19)	—	—	—	—	(19)
Gain on sale of TD Waterhouse Institutional Services (Footnote 11)	17	—	—	—	—	—	—	—	—	—	—	—	—	(196)
Total adjustments for items of note	18	\$ 230	\$ 24	\$ 287	\$ 43	\$ 278	\$ 63	\$ 62	\$ 17	\$ 63	\$ 254	\$ 341	\$ 671	\$ (12)
Decomposition of Items included in Net Income (Loss) – Adjusted														
Net corporate expenses	19	\$ (196)	\$ (203)	\$ (192)	\$ (193)	\$ (177)	\$ (172)	\$ (233)	\$ (170)	\$ (159)	\$ (399)	\$ (349)	\$ (734)	\$ (727)
Other	20	48	(4)	2	4	10	2	41	90	103	44	12	18	334
Non-controlling interests	21	28	29	29	28	28	27	27	27	26	57	55	112	107
Net income (loss) – adjusted	22	\$ (120)	\$ (178)	\$ (161)	\$ (161)	\$ (139)	\$ (143)	\$ (165)	\$ (53)	\$ (30)	\$ (298)	\$ (282)	\$ (604)	\$ (286)

¹ Includes the elimination of TEB adjustments reported in Wholesale Banking results.

² Business segment results are presented excluding the impact of asset securitization programs, which are reclassified in the Corporate segment.

³ Includes incurred but not identified PCL related to the products in the Canadian Retail and Wholesale Banking segments.

⁴ For detailed footnotes to the items of note, refer to page 83.

Net Interest Income and Margin

(\$ millions, except as noted)
For the period ended

\$ millions, except as noted) For the period ended		2016		2015				2014			Year to Date		Full Year	
LINE #		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Interest Income														
Loans	1	\$ 5,297	\$ 5,432	\$ 5,159	\$ 5,144	\$ 4,941	\$ 5,075	\$ 4,983	\$ 4,950	\$ 4,907	\$ 10,729	\$ 10,016	\$ 20,319	\$ 19,716
Securities	2	1,115	1,150	1,136	1,086	1,090	1,057	1,052	1,021	991	2,265	2,147	4,369	4,086
Deposits with banks	3	58	37	34	36	36	36	29	31	32	95	72	142	126
Total interest income	4	6,470	6,619	6,329	6,266	6,067	6,168	6,064	6,002	5,930	13,089	12,235	24,830	23,928
Interest Expense														
Deposits	5	1,126	1,098	1,023	1,069	1,039	1,111	1,109	1,060	1,041	2,224	2,150	4,242	4,313
Securitization liabilities	6	112	124	130	143	147	173	184	187	189	236	320	593	777
Subordinated notes and debentures	7	96	88	103	93	94	100	100	106	101	184	194	390	412
Other	8	256	262	186	264	207	224	214	214	208	518	431	881	842
Total interest expense	9	1,590	1,572	1,442	1,569	1,487	1,608	1,607	1,567	1,539	3,162	3,095	6,106	6,344
Net Interest Income	10	4,880	5,047	4,887	4,697	4,580	4,560	4,457	4,435	4,391	9,927	9,140	18,724	17,584
TEB adjustment	11	82	65	95	91	91	140	76	131	106	147	231	417	428
Net Interest Income (TEB)	12	\$ 4,962	\$ 5,112	\$ 4,982	\$ 4,788	\$ 4,671	\$ 4,700	\$ 4,533	\$ 4,566	\$ 4,497	\$ 10,074	\$ 9,371	\$ 19,141	\$ 18,012
Average total assets (\$ billions)														
Average total assets (\$ billions)	13	\$ 1,142	\$ 1,141	\$ 1,113	\$ 1,069	\$ 1,061	\$ 1,004	\$ 962	\$ 939	\$ 923	\$ 1,141	\$ 1,032	\$ 1,063	\$ 933
Average earning assets (\$ billions)	14	969	975	958	925	906	862	832	810	798	972	884	914	808
Net interest margin as a % of average earning assets														
Net interest margin as a % of average earning assets	15	2.05 %	2.06 %	2.02 %	2.01 %	2.07 %	2.10 %	2.13 %	2.17 %	2.26 %	2.05 %	2.09 %	2.05 %	2.18 %
Impact on Net Interest Income due to Impaired Loans														
Net interest income recognized on impaired debt securities classified as loans	16	\$ (27)	\$ (24)	\$ (27)	\$ (24)	\$ (26)	\$ (26)	\$ (22)	\$ (29)	\$ (24)	\$ (51)	\$ (52)	\$ (103)	\$ (96)
Net interest income foregone on impaired loans	17	32	32	29	27	27	27	25	26	26	64	54	110	104
Recoveries	18	(1)	(1)	(2)	—	(1)	—	(2)	—	(1)	(2)	(1)	(3)	(4)
Total	19	\$ 4	\$ 7	\$ —	\$ 3	\$ —	\$ 1	\$ 1	\$ (3)	\$ 1	\$ 11	\$ 1	\$ 4	\$ 4

Non-Interest Income¹

(\$ millions)		LINE #	2016		2015				2014			Year to Date		Full Year		
For the period ended			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014	
Investment and Securities Services																
TD Waterhouse fees and commissions	1	\$ 117	\$ 110	\$ 107	\$ 106	\$ 109	\$ 108	\$ 103	\$ 100	\$ 105	\$ 227	\$ 217	\$ 430	\$ 412		
Full-service brokerage and other securities services	2	205	206	189	194	189	188	177	171	171	411	377	760	684		
Underwriting and advisory	3	138	99	87	122	149	85	126	148	109	237	234	443	482		
Investment management fees	4	123	126	123	126	118	114	108	105	100	249	232	481	413		
Mutual fund management	5	390	403	402	404	388	375	361	347	328	793	763	1,569	1,355		
Trust fees	6	38	38	36	39	40	35	39	37	39	76	75	150	150		
Total investment and securities services	7	1,011	982	944	991	993	905	914	908	852	1,993	1,898	3,833	3,496		
Credit fees	8	258	251	254	238	223	210	212	211	216	509	433	925	845		
Net securities gain (loss)	9	1	(12)	11	14	(3)	57	20	20	45	(11)	54	79	173		
Trading income (loss) ²	10	97	41	(99)	(7)	(65)	(52)	(119)	(148)	(66)	138	(117)	(223)	(349)		
Service charges	11	631	643	638	615	572	551	558	551	520	1,274	1,123	2,376	2,152		
Card services	12	543	596	480	432	426	428	396	373	391	1,139	854	1,766	1,552		
Insurance revenue ³	13	924	968	977	970	912	899	1,001	1,036	936	1,892	1,811	3,758	3,883		
Other income																
Foreign exchange – non-trading	14	21	40	59	40	111	46	63	50	81	61	157	256	239		
Income (loss) from financial instruments designated at fair value through profit or loss																
Trading-related income (loss)	15	2	(13)	(3)	(4)	3	(8)	1	(5)	1	(11)	(5)	(12)	(6)		
Related to insurance subsidiaries ³	16	(12)	8	(21)	2	(16)	80	8	19	18	(4)	64	45	40		
Securitization liabilities	17	–	–	–	–	2	2	5	10	16	–	4	4	50		
Loan commitments	18	(33)	(1)	(12)	(11)	(34)	3	(2)	(6)	(14)	(34)	(31)	(54)	(24)		
Deposits	19	2	1	3	–	4	(6)	–	–	–	3	(2)	1	(5)		
Other ²	20	(66)	59	(71)	29	51	(61)	(62)	55	48	(7)	(10)	(52)	331		
Total other income (loss)	21	(86)	94	(45)	56	121	56	13	123	150	8	177	188	625		
Total non-interest income	22	\$ 3,379	\$ 3,563	\$ 3,160	\$ 3,309	\$ 3,179	\$ 3,054	\$ 2,995	\$ 3,074	\$ 3,044	\$ 6,942	\$ 6,233	\$ 12,702	\$ 12,377		

¹ Certain comparative amounts have been reclassified to conform with the presentation adopted in the current period.

² Effective the first quarter of 2016, certain amounts relating to foreign exchange trading were reclassified from Other income to Trading income on a prospective basis.

³ The results of the Bank's insurance business within Canadian Retail include both insurance revenue and the income from investments that fund policy liabilities which are designated at fair value through profit or loss within the Bank's property and casualty insurance subsidiaries.

Non-Interest Expenses¹

(\$ millions)		2016		2015				2014			Year to Date		Full Year	
For the period ended		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
LINE #														
Salaries and Employee Benefits														
1	Salaries	\$ 1,358	\$ 1,378	\$ 1,383	\$ 1,387	\$ 1,346	\$ 1,336	\$ 1,378	\$ 1,320	\$ 1,236	\$ 2,736	\$ 2,682	\$ 5,452	\$ 5,171
2	Incentive compensation	563	533	479	491	562	525	446	501	486	1,096	1,087	2,057	1,927
3	Pension and other employee benefits	402	417	368	383	400	383	318	331	345	819	783	1,534	1,353
4	Total salaries and employee benefits	2,323	2,328	2,230	2,261	2,308	2,244	2,142	2,152	2,067	4,651	4,552	9,043	8,451
Occupancy														
5	Rent	228	232	225	236	215	211	201	204	200	460	426	887	800
6	Depreciation and impairment losses	103	100	100	94	93	89	85	69	85	203	182	376	324
7	Other	122	127	122	107	110	117	113	97	120	249	227	456	425
8	Total occupancy	453	459	447	437	418	417	399	370	405	912	835	1,719	1,549
Equipment														
9	Rent	45	45	46	45	44	37	33	41	36	90	81	172	147
10	Depreciation and impairment losses	53	49	49	54	55	54	58	52	51	102	109	212	209
11	Other	150	132	139	126	126	117	130	119	102	282	243	508	454
12	Total equipment	248	226	234	225	225	208	221	212	189	474	433	892	810
Amortization of Other Intangibles														
13	Software and asset servicing rights	104	101	98	97	93	85	98	70	65	205	178	373	312
14	Other	69	74	73	70	73	73	70	70	75	143	146	289	286
15	Total amortization of other intangibles	173	175	171	167	166	158	168	140	140	348	324	662	598
Marketing and Business Development														
16	Restructuring charges	182	173	198	192	181	157	217	182	186	355	338	728	756
17	Brokerage-Related Fees	(14)	(2)	349	—	337	—	29	—	—	(16)	337	686	29
18	Professional and Advisory Services	80	81	77	79	86	82	79	81	80	161	168	324	321
19	Other Expenses	282	271	305	258	228	241	313	244	214	553	469	1,032	991
20	Capital and business taxes	34	31	61	26	33	19	45	39	40	65	52	139	160
21	Postage	64	57	52	56	59	55	58	54	54	121	114	222	212
22	Travel and relocation	49	42	47	43	43	42	52	44	46	91	85	175	185
23	Other	862	812	740	548	621	542	608	522	608	1,674	1,163	2,451	2,434
24	Total other expenses	1,009	942	900	673	756	658	763	659	748	1,951	1,414	2,987	2,991
25	Total non-interest expenses	\$ 4,736	\$ 4,653	\$ 4,911	\$ 4,292	\$ 4,705	\$ 4,165	\$ 4,331	\$ 4,040	\$ 4,029	\$ 9,389	\$ 8,870	\$ 18,073	\$ 16,496

¹ Certain comparative amounts have been reclassified to conform with the presentation adopted in the current period.

Balance Sheet

(\$ millions)		LINE #	2016		2015				2014		
As at			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2
ASSETS											
Cash and due from banks		1	\$ 3,292	\$ 3,204	\$ 3,154	\$ 3,542	\$ 2,945	\$ 2,899	\$ 2,781	\$ 3,099	\$ 2,873
Interest-bearing deposits with banks		2	47,778	48,739	42,483	49,081	45,654	50,624	43,773	36,708	33,726
Trading loans, securities, and other		3	93,140	101,360	95,157	108,472	102,844	107,488	101,173	101,749	99,461
Derivatives		4	73,092	85,642	69,438	75,056	65,072	93,223	55,796	47,092	50,874
Financial assets designated at fair value through profit or loss		5	4,279	4,525	4,378	4,005	3,900	4,097	4,745	5,030	5,952
Available-for-sale securities		6	93,644	94,372	88,782	77,586	70,448	67,424	63,008	61,818	56,751
		7	264,155	285,899	257,755	265,119	242,264	272,232	224,722	215,689	213,038
Held-to-maturity securities		8	76,881	80,207	74,450	73,661	69,342	70,559	56,977	56,522	56,534
Securities purchased under reverse repurchase agreements		9	93,820	100,941	97,364	102,325	89,244	93,411	82,556	88,515	75,503
Loans											
Residential mortgages		10	211,982	215,456	212,373	208,286	201,535	202,821	198,912	193,594	189,344
Consumer instalment and other personal:	HELOC	11	74,770	75,631	74,766	74,530	72,923	73,103	71,368	71,366	71,847
	Indirect auto	12	44,888	46,700	43,901	42,241	38,575	38,785	35,261	33,499	32,225
	Other	13	16,661	16,625	16,804	17,398	17,429	17,285	16,782	16,526	15,964
Credit card		14	29,755	31,726	30,215	27,047	25,807	26,404	25,570	25,539	25,399
Business and government		15	177,104	182,399	167,529	160,173	149,666	151,018	131,349	125,651	121,222
Debt securities classified as loans		16	1,820	2,217	2,187	2,297	2,511	2,778	2,695	2,771	2,961
		17	556,980	570,754	547,775	531,972	508,446	512,194	481,937	468,946	458,962
Allowance for loan losses		18	(3,616)	(3,726)	(3,434)	(3,344)	(3,150)	(3,263)	(3,028)	(3,005)	(3,049)
Loans, net of allowance for loan losses		19	553,364	567,028	544,341	528,628	505,296	508,931	478,909	465,941	455,913
Other											
Customers' liability under acceptances		20	15,467	16,720	16,646	14,271	15,199	12,312	13,080	12,599	12,040
Investment in TD Ameritrade		21	6,473	7,220	6,683	6,577	6,017	6,335	5,569	5,332	5,316
Goodwill		22	15,689	17,386	16,337	16,342	15,122	15,848	14,233	13,822	13,879
Other intangibles		23	2,509	2,723	2,671	2,695	2,636	2,793	2,680	2,662	2,656
Land, buildings, equipment, and other depreciable assets		24	5,160	5,557	5,314	5,304	5,100	5,317	4,930	4,742	4,758
Deferred tax assets		25	1,987	2,131	1,931	2,114	1,931	2,092	2,008	1,917	1,933
Amounts receivable from brokers, dealers and clients		26	26,305	21,934	21,996	16,794	17,643	23,924	17,130	21,438	19,410
Other assets		27	11,906	13,895	13,248	12,749	12,561	12,878	11,163	10,694	10,725
		28	85,496	87,566	84,826	76,846	76,209	81,499	70,793	73,206	70,717
Total assets		29	\$ 1,124,786	\$ 1,173,584	\$ 1,104,373	\$ 1,099,202	\$ 1,030,954	\$ 1,080,155	\$ 960,511	\$ 939,680	\$ 908,304
LIABILITIES											
Trading deposits		30	\$ 66,402	\$ 84,177	\$ 74,759	\$ 80,673	\$ 67,268	\$ 63,365	\$ 59,334	\$ 61,325	\$ 57,141
Derivatives		31	67,283	71,012	57,218	63,120	60,537	60,674	51,209	45,988	48,413
Securitization liabilities at fair value		32	11,335	10,954	10,986	10,567	10,518	11,564	11,198	13,151	16,224
Other financial liabilities designated at fair value through profit or loss		33	762	1,024	1,415	1,781	2,328	2,751	3,250	3,637	4,108
		34	145,782	167,167	144,378	156,141	140,651	158,354	124,991	124,101	125,886
Deposits											
Personal: Non-term		35	353,194	372,364	345,403	336,924	311,293	317,971	290,980	279,850	276,163
Term		36	50,085	50,744	50,415	51,508	51,618	52,559	52,260	52,857	54,070
Banks		37	14,479	16,231	17,080	20,105	22,509	28,337	15,771	16,411	15,763
Business and government		38	296,773	297,191	282,678	277,123	266,671	273,905	241,705	224,560	209,048
		39	714,531	736,530	695,576	685,660	652,091	672,772	600,716	573,678	555,044
Other											
Acceptances		40	15,467	16,720	16,646	14,271	15,199	12,312	13,080	12,599	12,040
Obligations related to securities sold short		41	40,726	41,876	38,803	34,336	32,474	34,878	39,465	39,013	37,516
Obligations related to securities sold under repurchase agreements		42	63,828	65,437	67,156	74,027	59,495	59,623	53,112	55,944	47,933
Securitization liabilities at amortized cost		43	20,479	21,472	22,743	23,275	23,580	24,913	24,960	25,709	25,587
Amounts payable to brokers, dealers and clients		44	25,064	23,161	22,664	15,479	17,428	23,822	18,195	23,171	21,020
Insurance-related liabilities		45	6,505	6,586	6,519	6,385	6,267	6,229	6,079	5,991	5,687
Other liabilities		46	15,688	15,266	14,223	15,207	15,221	16,846	15,897	16,804	15,848
		47	187,757	190,518	188,754	182,980	169,664	178,623	170,788	179,231	165,631
Subordinated notes and debentures		48	8,893	7,695	8,637	8,456	6,951	7,777	7,785	7,915	7,974
Total liabilities		49	1,056,963	1,101,910	1,037,345	1,033,237	969,357	1,017,526	904,280	884,925	854,535
EQUITY											
Common shares		50	20,499	20,395	20,294	20,180	20,076	19,948	19,811	19,705	19,593
Preferred shares		51	3,400	3,400	2,700	2,700	2,800	2,700	2,200	2,625	2,250
Treasury shares: Common		52	(4)	(51)	(49)	(17)	(11)	(179)	(54)	(92)	(120)
Preferred		53	(4)	(4)	(3)	(4)	(14)	(3)	(1)	(2)	(1)
Contributed surplus		54	189	198	214	226	226	214	205	184	173
Retained earnings		55	33,442	32,585	32,053	30,764	29,362	28,373	27,585	26,970	26,134
Accumulated other comprehensive income (loss)		56	8,689	13,467	10,209	10,477	7,569	9,956	4,936	3,834	4,206
		57	66,211	69,990	65,418	64,326	60,008	61,009	54,682	53,224	52,235
Non-controlling interests in subsidiaries		58	1,612	1,684	1,610	1,639	1,589	1,620	1,549	1,531	1,534
Total equity		59	67,823	71,674	67,028	65,965	61,597	62,629	56,231	54,755	53,769
Total liabilities and equity		60	\$ 1,124,786	\$ 1,173,584	\$ 1,104,373	\$ 1,099,202	\$ 1,030,954	\$ 1,080,155	\$ 960,511	\$ 939,680	\$ 908,304

Unrealized Gain (Loss) on Banking Book Equities and Assets Under Administration and Management

(\$ millions) As at		LINE #	2016		2015				2014		
			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2
Banking Book Equities											
Publicly traded											
Balance sheet and fair value	1	\$ 535	\$ 458	\$ 438	\$ 450	\$ 509	\$ 534	\$ 654	\$ 647	\$ 607	
Unrealized gain (loss) ¹	2	1	(61)	(19)	(3)	42	43	51	67	68	
Privately held											
Balance sheet and fair value	3	1,619	1,788	1,711	1,841	1,717	1,762	1,458	1,406	1,355	
Unrealized gain (loss) ¹	4	95	90	114	127	134	122	135	130	100	
Total banking book equities											
Balance sheet and fair value	5	2,154	2,246	2,149	2,291	2,226	2,296	2,112	2,053	1,962	
Unrealized gain (loss) ¹	6	96	29	95	124	176	165	186	197	168	
Assets Under Administration²											
U.S. Retail	7	\$ 15,413	\$ 16,784	\$ 15,552	\$ 14,835	\$ 13,563	\$ 14,129	\$ 12,858	\$ 12,227	\$ 12,275	
Canadian Retail	8	320,912	308,326	310,352	313,766	311,668	301,996	292,883	284,991	278,110	
Total	9	\$ 336,325	\$ 325,110	\$ 325,904	\$ 328,601	\$ 325,231	\$ 316,125	\$ 305,741	\$ 297,218	\$ 290,385	
Assets Under Management											
U.S. Retail	10	\$ 89,797	\$ 99,849	\$ 100,563	\$ 96,900	\$ 87,649	\$ 77,010	\$ 66,824	\$ 61,396	\$ 59,459	
Canadian Retail	11	253,752	246,884	245,241	248,607	244,170	242,032	226,939	227,090	218,948	
Total	12	\$ 343,549	\$ 346,733	\$ 345,804	\$ 345,507	\$ 331,819	\$ 319,042	\$ 293,763	\$ 288,486	\$ 278,407	

¹ Unrealized gain (loss) on publicly traded and privately held available-for-sale (AFS) securities are included in other comprehensive income (OCI). Unrealized gain (loss) on securities designated at fair value through profit or loss are included in the income statement.

² Excludes mortgage-backed securities (MBS) in the Canadian Retail segment, coming back on balance sheet as mortgages due to IFRS implementation, as they no longer meet OSFI's definition of assets under administration.

Goodwill, Other Intangibles, and Restructuring Charges

(\$ millions) As at		LINE #	2016		2015				2014			Year to Date		Full Year	
			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Goodwill															
Balance at beginning of period		1	\$ 17,386	\$ 16,337	\$ 16,342	\$ 15,122	\$ 15,848	\$ 14,233	\$ 13,822	\$ 13,879	\$ 14,079	\$ 16,337	\$ 14,233	\$ 14,233	\$ 13,293
Arising during the period															
Other		2	—	—	—	—	—	—	—	5	—	—	—	—	5
Disposals		3	—	—	—	—	—	—	—	—	—	—	—	—	(13)
Foreign currency translation adjustments and other		4	(1,697)	1,049	(5)	1,220	(726)	1,615	411	(62)	(200)	(648)	889	2,104	948
Balance at end of period		5	\$ 15,689	\$ 17,386	\$ 16,337	\$ 16,342	\$ 15,122	\$ 15,848	\$ 14,233	\$ 13,822	\$ 13,879	\$ 15,689	\$ 15,122	\$ 16,337	\$ 14,233
Other Intangibles¹															
Balance at beginning of period		6	\$ 1,264	\$ 1,280	\$ 1,353	\$ 1,353	\$ 1,474	\$ 1,436	\$ 1,480	\$ 1,534	\$ 1,624	\$ 1,280	\$ 1,436	\$ 1,436	\$ 1,478
Arising during the period															
Aeroplan acquisition		7	—	—	—	—	—	—	(3)	—	—	—	—	—	146
Other		8	—	—	—	—	—	—	—	21	—	—	—	—	21
Amortized in the period		9	(69)	(74)	(73)	(70)	(73)	(73)	(70)	(70)	(75)	(143)	(146)	(289)	(286)
Foreign currency translation adjustments and other		10	(105)	58	—	70	(48)	111	29	(5)	(15)	(47)	63	133	77
Balance at end of period		11	\$ 1,090	\$ 1,264	\$ 1,280	\$ 1,353	\$ 1,353	\$ 1,474	\$ 1,436	\$ 1,480	\$ 1,534	\$ 1,090	\$ 1,353	\$ 1,280	\$ 1,436
Deferred Tax Liability on Other Intangibles															
Balance at beginning of period		12	\$ (273)	\$ (275)	\$ (296)	\$ (293)	\$ (330)	\$ (313)	\$ (323)	\$ (344)	\$ (370)	\$ (275)	\$ (313)	\$ (313)	\$ (368)
Recognized in the period		13	20	21	21	20	21	20	20	19	21	41	41	82	81
Foreign currency translation adjustments and other		14	27	(19)	—	(23)	16	(37)	(10)	2	5	8	(21)	(44)	(26)
Balance at end of period		15	\$ (226)	\$ (273)	\$ (275)	\$ (296)	\$ (293)	\$ (330)	\$ (313)	\$ (323)	\$ (344)	\$ (226)	\$ (293)	\$ (275)	\$ (313)
Net Other Intangibles Closing Balance		16	\$ 864	\$ 991	\$ 1,005	\$ 1,057	\$ 1,060	\$ 1,144	\$ 1,123	\$ 1,157	\$ 1,190	\$ 864	\$ 1,060	\$ 1,005	\$ 1,123
Total Goodwill and Net Other Intangibles Closing Balance		17	\$ 16,553	\$ 18,377	\$ 17,342	\$ 17,399	\$ 16,182	\$ 16,992	\$ 15,356	\$ 14,979	\$ 15,069	\$ 16,553	\$ 16,182	\$ 17,342	\$ 15,356
Restructuring Charges															
Balance at beginning of period		18	\$ 348	\$ 486	\$ 272	\$ 301	\$ 43	\$ 55	\$ 36	\$ 49	\$ 56	\$ 486	\$ 55	\$ 55	\$ 105
Additions		19	—	4	396	—	337	—	40	—	—	4	337	733	40
Amount used		20	(80)	(149)	(126)	(46)	(76)	(13)	(10)	(13)	(7)	(229)	(89)	(261)	(79)
Release of unused amounts		21	(14)	(6)	(47)	—	—	—	(11)	—	—	(20)	—	(47)	(11)
Foreign currency translation adjustments and other		22	(14)	13	(9)	17	(3)	1	—	—	—	(1)	(2)	6	—
Balance at end of period		23	\$ 240	\$ 348	\$ 486	\$ 272	\$ 301	\$ 43	\$ 55	\$ 36	\$ 49	\$ 240	\$ 301	\$ 486	\$ 55

¹ Excludes the balance and amortization of software and asset servicing rights, which are otherwise included in other intangibles.

On- and Off-Balance Sheet Loan Securitizations¹

(\$ millions)		LINE #	2016		2015				2014			Year to Date		Full Year		
As at			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014	
Residential mortgages securitized and sold to third parties ^{2,3,4}																
Balance at beginning of period	1	\$ 29,207	\$ 30,211	\$ 31,147	\$ 31,914	\$ 32,840	\$ 33,561	\$ 34,358	\$ 36,050	\$ 38,381	\$ 30,211	\$ 33,561	\$ 33,561	\$ 39,386		
Securitized	2	1,401	1,717	2,380	2,938	1,897	1,914	2,521	2,823	2,212	3,118	3,811	9,129	10,496		
Amortization ⁵	3	(2,253)	(2,721)	(3,316)	(3,705)	(2,823)	(2,635)	(3,318)	(4,515)	(4,543)	(4,974)	(5,458)	(12,479)	(16,321)		
Balance at end of period	4	28,355	29,207	30,211	31,147	31,914	32,840	33,561	34,358	36,050	28,355	31,914	30,211	33,561		
Consumer instalment and other personal loans - HELOC and automobile loans ^{6,7}																
Balance at beginning of period	5	3,642	3,642	5,361	5,361	6,081	6,081	7,181	7,181	6,141	3,642	6,081	6,081	6,141		
Proceeds reinvested in securitizations	6	497	477	195	397	495	550	632	801	638	974	1,045	1,637	2,708		
Securitized	7	—	—	780	—	780	—	—	—	1,041	—	780	1,560	1,041		
Amortization	8	(497)	(477)	(2,694)	(397)	(1,995)	(550)	(1,732)	(801)	(639)	(974)	(2,545)	(5,636)	(3,809)		
Balance at end of period	9	3,642	3,642	3,642	5,361	5,361	6,081	6,081	7,181	7,181	3,642	5,361	3,642	6,081		
Gross impaired loans ⁸	10	16	17	15	23	15	19	20	24	23	16	15	15	20		
Write-offs net of recoveries ⁸	11	—	—	—	—	1	—	—	—	—	—	1	—	—		
Business and government loans ²																
Balance at beginning of period	12	1,803	1,828	1,865	1,913	1,964	2,033	2,071	2,209	2,321	1,828	2,033	2,033	2,357		
Securitized	13	—	—	—	—	—	—	—	—	—	—	—	—	—		
Amortization	14	(60)	(25)	(37)	(48)	(51)	(69)	(38)	(138)	(112)	(85)	(120)	(205)	(324)		
Balance at end of period	15	1,743	1,803	1,828	1,865	1,913	1,964	2,033	2,071	2,209	1,743	1,913	1,828	2,033		
Credit card																
Balance at beginning of period	16	—	—	—	—	—	—	—	—	150	—	—	—	300		
Proceeds reinvested in securitizations	17	—	—	—	—	—	—	—	—	6	—	—	—	172		
Amortization	18	—	—	—	—	—	—	—	—	(156)	—	—	—	(472)		
Balance at end of period	19	—	—	—	—	—	—	—	—	—	—	—	—	—		
Write-offs net of recoveries ⁸	20	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1	\$ —	\$ —	\$ —	\$ 2		
Total loan securitizations																
	21	\$ 33,740	\$ 34,652	\$ 35,681	\$ 38,373	\$ 39,188	\$ 40,885	\$ 41,675	\$ 43,610	\$ 45,440	\$ 33,740	\$ 39,188	\$ 35,681	\$ 41,675		
Mortgages securitized and retained ²																
Residential mortgages securitized and retained	22	\$ 36,279	\$ 35,852	\$ 38,888	\$ 37,871	\$ 38,548	\$ 41,077	\$ 41,213	\$ 40,055	\$ 41,275	\$ 36,279	\$ 38,548	\$ 38,888	\$ 41,213		

¹ Disclosure relates to securitization activity undertaken by the Bank from a capital perspective and does not contemplate accounting treatment under IFRS.

² Balances are comprised of National Housing Act (NHA) MBS which do not qualify as securitization exposures as defined by the Basel III regulatory framework.

³ All securitized residential mortgages are insured by Canada Mortgage and Housing Corporation (CMHC) or third-party insurance providers.

⁴ Exposures are considered sold where legal sale has occurred. Classification is not based on accounting treatment under IFRS.

⁵ Mark-to-market adjustments recorded during the period are included in amortization.

⁶ Certain HELOC and credit card structures are subject to early amortization provisions which, if triggered, would result in the repayment of the related asset backed securities from the collections of the securitized HELOC or credit card portfolio prior to the expected principal payment dates.

⁷ Since inception, no capital has been assessed for the Bank's early amortization provisions associated with the sellers' interest of the Bank's sponsored HELOC securitization vehicles because the early amortization triggers have not been breached.

⁸ Disclosure relates to loans qualifying as exposures securitized under the Basel III regulatory framework. The amount disclosed here is a subset of total loans included on the "Loans Managed" page. For further details, refer to page 21.

Standardized Charges for Securitization Exposures in the Trading Book

(\$ millions)		2016		2016		2015			
As at		Q2		Q1		Q4			
Market Risk Capital Approach and Risk Weighting Internal Ratings Based ¹	LINE #	Gross securitization exposures		Risk-weighted assets		Gross securitization exposures		Risk-weighted assets	
	1	\$	424	\$	30	\$	472	\$	33
	2		17		3		17		3
	3		3		2		3		1
	4		1		2		1		2
	5		—		—		—		—
	6	\$	445	\$	37	\$	493	\$	40
		2015		2015		2015			
		Q3		Q2		Q1			
Market Risk Capital Approach and Risk Weighting Internal Ratings Based ¹	LINE #	Gross securitization exposures		Risk-weighted assets		Gross securitization exposures		Risk-weighted assets	
	7	\$	708	\$	50	\$	689	\$	49
	8		19		3		20		3
	9		5		3		11		6
	10		1		2		1		2
	11		—		—		—		—
	12	\$	733	\$	58	\$	721	\$	60
		2014		2014		2014			
		Q4		Q3		Q2			
Market Risk Capital Approach and Risk Weighting Internal Ratings Based ¹	LINE #	Gross securitization exposures		Risk-weighted assets		Gross securitization exposures		Risk-weighted assets	
	13	\$	541	\$	38	\$	459	\$	33
	14		25		4		11		1
	15		4		3		5		3
	16		1		3		1		3
	17		—		—		—		—
	18	\$	571	\$	48	\$	476	\$	40

¹ Securitization exposures subject to the market risk capital approach are comprised of securities held in the Bank's trading book with no resecuritization exposures.

² Securitization exposures are not deducted from capital and are included in the calculation of RWA, in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

³ Unrated gross securitization exposures include the notional value of collateralized debt obligations held by the Bank.

Securitization Exposures in the Trading Book

(\$ millions) As at		LINE	2016 Q2		2016 Q1		2015 Q4	
		#	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²
Exposure Type								
Collateralized debt obligations		1	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Asset backed securities								
Residential mortgage loans		2	—	—	—	—	—	—
Commercial mortgage loans		3	115	—	138	—	192	—
Credit card loans		4	217	—	188	—	385	—
Automobile loans and leases		5	110	—	162	—	167	—
Other		6	3	—	5	—	16	—
Total		7	\$ 445	\$ —	\$ 493	\$ —	\$ 760	\$ —
			2015 Q3		2015 Q2		2015 Q1	
Exposure Type								
Collateralized debt obligations		8	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Asset backed securities								
Residential mortgage loans		9	—	—	—	—	—	—
Commercial mortgage loans		10	203	—	243	—	216	—
Credit card loans		11	365	—	268	—	245	—
Automobile loans and leases		12	148	—	189	—	11	—
Other		13	17	—	21	—	68	—
Total		14	\$ 733	\$ —	\$ 721	\$ —	\$ 540	\$ —
			2014 Q4		2014 Q3		2014 Q2	
Exposure Type								
Collateralized debt obligations		15	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Asset backed securities								
Residential mortgage loans		16	—	—	73	—	53	—
Commercial mortgage loans		17	217	—	142	—	181	—
Credit card loans		18	280	—	188	—	149	—
Automobile loans and leases		19	10	—	13	—	27	—
Other		20	64	—	60	—	60	—
Total		21	\$ 571	\$ —	\$ 476	\$ —	\$ 470	\$ —

¹ Primarily comprised of trading securities held by the Bank.

² Primarily comprised of the notional value of collateralized debt obligations held by the Bank.

Securitization Exposures in the Banking Book

(\$ millions) As at		LINE #	2016 Q2		2016 Q1		2015 Q4	
Exposure Type			Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²
Collateralized mortgage obligations		1	\$ 9,864	\$ —	\$ 10,366	\$ —	\$ 8,734	\$ —
Asset backed securities								
Residential mortgage loans		2	—	7,939	—	7,591	—	6,962
Personal loans		3	11,334	1,071	13,133	1,071	13,313	874
Credit card loans		4	17,263	—	19,129	—	18,058	—
Automobile loans and leases		5	5,374	2,996	4,407	3,247	3,831	2,501
Equipment loans and leases		6	1,292	—	1,475	—	709	—
Trade receivables		7	903	1,229	930	1,229	1,376	918
Total		8	\$ 46,030	\$ 13,235	\$ 49,440	\$ 13,138	\$ 46,021	\$ 11,255
			2015 Q3		2015 Q2		2015 Q1	
Exposure Type			Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²
Collateralized mortgage obligations		9	\$ 8,463	\$ —	\$ 6,694	\$ —	\$ 5,848	\$ —
Asset backed securities								
Residential mortgage loans		10	—	6,742	—	6,328	—	6,301
Personal loans		11	13,866	2,550	13,283	2,550	13,622	4,080
Credit card loans		12	17,759	—	17,631	—	18,376	—
Automobile loans and leases		13	3,887	2,674	3,777	2,116	3,513	2,306
Equipment loans and leases		14	888	—	984	—	1,147	—
Trade receivables		15	776	2,497	422	2,228	826	1,989
Total		16	\$ 45,639	\$ 14,463	\$ 42,791	\$ 13,222	\$ 43,332	\$ 14,676
			2014 Q4		2014 Q3		2014 Q2	
Exposure Type			Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²	Aggregate on-balance sheet exposures ¹	Aggregate off-balance sheet exposures ²
Collateralized mortgage obligations		17	\$ 4,049	\$ —	\$ 2,775	\$ —	\$ 2,767	\$ —
Asset backed securities								
Residential mortgage loans		18	—	6,394	—	6,017	—	5,857
Personal loans		19	12,357	4,080	12,372	5,202	12,202	5,202
Credit card loans		20	18,259	—	17,800	—	16,078	—
Automobile loans and leases		21	4,905	2,341	4,882	2,428	4,383	2,456
Equipment loans and leases		22	1,177	—	1,228	—	1,246	—
Trade receivables		23	524	1,753	352	1,742	370	1,721
Total		24	\$ 41,271	\$ 14,568	\$ 39,409	\$ 15,389	\$ 37,046	\$ 15,236

¹ On-balance sheet for capital purposes, in accordance with the Basel III regulatory framework.

² Off-balance sheet exposures are primarily comprised of liquidity facilities, credit enhancements, and letters of credit provided to the Bank's sponsored trusts, as well as Bank-funded cash collateral accounts.

Third-Party Originated Assets Securitized by Bank Sponsored Conduits

(\$ millions) As at		LINE #	2016 Q2					2016 Q1				
Exposure Type			Outstanding exposures				Gross assets past due, but not impaired ^{1,2}	Outstanding exposures				Gross assets past due, but not impaired ^{1,2}
			Beginning balance	Activity	Ending balance			Beginning balance	Activity	Ending balance		
Residential mortgage loans		1	\$ 7,591	\$ 348	\$ 7,939	\$	23	\$ 6,962	\$ 629	\$ 7,591	\$	24
Automobile loans and leases		2	1,707	(91)	1,616		8	1,847	(140)	1,707		8
Trade receivables		3	2,300	—	2,300		184	1,792	508	2,300		148
Total		4	\$ 11,598	\$ 257	\$ 11,855	\$	215	\$ 10,601	\$ 997	\$ 11,598	\$	180
			2015 Q4					2015 Q3				
Exposure Type			Outstanding exposures				Gross assets past due, but not impaired ^{1,2}	Outstanding exposures				Gross assets past due, but not impaired ^{1,2}
			Beginning balance	Activity	Ending balance			Beginning balance	Activity	Ending balance		
Residential mortgage loans		5	\$ 6,742	\$ 220	\$ 6,962	\$	21	\$ 6,328	\$ 414	\$ 6,742	\$	17
Automobile loans and leases		6	2,020	(173)	1,847		5	1,513	507	2,020		4
Trade receivables		7	2,497	(705)	1,792		145	2,227	270	2,497		204
Total		8	\$ 11,259	\$ (658)	\$ 10,601	\$	171	\$ 10,068	\$ 1,191	\$ 11,259	\$	225
			2015 Q2					2015 Q1				
Exposure Type			Outstanding exposures				Gross assets past due, but not impaired ^{1,2}	Outstanding exposures				Gross assets past due, but not impaired ^{1,2}
			Beginning balance	Activity	Ending balance			Beginning balance	Activity	Ending balance		
Residential mortgage loans		9	\$ 6,301	\$ 27	\$ 6,328	\$	19	\$ 6,395	\$ (94)	\$ 6,301	\$	23
Automobile loans and leases		10	1,671	(158)	1,513		3	1,777	(106)	1,671		4
Trade receivables		11	1,989	238	2,227		184	1,753	236	1,989		142
Total		12	\$ 9,961	\$ 107	\$ 10,068	\$	206	\$ 9,925	\$ 36	\$ 9,961	\$	169
			2014 Q4					2014 Q3				
Exposure Type			Outstanding exposures				Gross assets past due, but not impaired ^{1,2}	Outstanding exposures				Gross assets past due, but not impaired ^{1,2}
			Beginning balance	Activity	Ending balance			Beginning balance	Activity	Ending balance		
Residential mortgage loans		13	\$ 6,017	\$ 378	\$ 6,395	\$	29	\$ 5,857	\$ 160	\$ 6,017	\$	20
Automobile loans and leases		14	1,882	(105)	1,777		3	1,908	(26)	1,882		3
Trade receivables		15	1,742	11	1,753		147	1,720	22	1,742		143
Total		16	\$ 9,641	\$ 284	\$ 9,925	\$	179	\$ 9,485	\$ 156	\$ 9,641	\$	166

¹ Gross assets past due, but not impaired, are those assets held by the trust which have not received a payment in a specified number of days, as defined in the legal agreements governing each specific transaction between the Bank and its service providers. None of the Bank's sponsored trusts held impaired assets at any time during the period disclosed. The Bank retains no direct exposure to the assets of the trust. In addition, a significant portion of the Bank's exposures are subject to credit risk mitigation, including credit enhancements which reduce the Bank's exposure to loss due to impaired assets held by the sponsored trusts.

² Gross assets past due, but not impaired, are reported to the Bank by its service providers on a one-month lag.

Loans Managed^{1,2,3,4}

(\$ millions) As at			LINE #	2016 Q2			2016 Q1			2015 Q4		

¹ Excludes loans classified as trading as the Bank intends to sell the loans immediately or in the near term, and loans designated at fair value through profit or loss for which no allowance is recorded.

² Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

³ Amounts include securitized mortgages that remain on balance sheet under IFRS.

⁴ The year-to-date write-offs, net of recoveries, include write-offs of purchased credit card balances against credit related fair value adjustments, established upon acquisition.

⁵ Includes additional securitized commercial loans.

⁶ Residential mortgages are primarily comprised of loans securitized into mortgage-backed securities through U.S. government-sponsored entities.

Gross Loans and Acceptances by Industry Sector and Geographic Location¹

(\$ millions, except as noted)
As at

		\$ millions, except as noted											
LINE #	As at	2016 Q2				2016 Q1				2015 Q4			
By Industry Sector													
Personal													
Residential mortgages ²		Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
1		\$ 186,086	\$ 25,511	\$ –	\$ 211,597	\$ 186,435	\$ 28,574	\$ –	\$ 215,009	\$ 185,009	\$ 26,922	\$ –	\$ 211,931
Consumer instalment and other personal													
2	HELOC	62,086	12,591	–	74,677	61,306	14,212	–	75,518	61,317	13,334	–	74,651
3	Indirect auto	19,553	25,334	–	44,887	19,193	27,507	–	46,700	19,038	24,862	–	43,900
4	Other	15,946	692	2	16,640	15,839	752	5	16,596	16,075	693	5	16,773
5	Credit card	17,801	11,957	–	29,758	17,836	13,892	–	31,728	17,941	12,274	–	30,215
6	Total personal	301,472	76,085	2	377,559	300,609	84,937	5	385,551	299,380	78,085	5	377,470
Business and Government ²													
Real estate													
7	Residential	15,812	6,164	–	21,976	15,721	6,462	–	22,183	14,862	5,691	–	20,553
8	Non-residential	12,214	19,304	–	31,518	11,826	20,743	–	32,569	11,330	18,317	–	29,647
9	Total real estate	28,026	25,468	–	53,494	27,547	27,205	–	54,752	26,192	24,008	–	50,200
10	Agriculture	5,750	516	–	6,266	5,831	514	–	6,345	5,411	467	–	5,878
11	Automotive	4,993	4,739	72	9,804	4,846	4,094	91	9,031	4,049	3,027	70	7,146
12	Financial	9,942	2,898	994	13,834	9,919	3,280	1,446	14,645	10,590	5,881	1,367	17,838
13	Food, beverage, and tobacco	1,580	2,617	–	4,197	1,509	2,742	–	4,251	1,463	2,536	–	3,999
14	Forestry	638	576	7	1,221	544	594	8	1,146	492	563	9	1,064
15	Government, public sector entities, and education	6,279	9,736	–	16,015	7,180	10,117	–	17,297	5,853	9,089	–	14,942
16	Health and social services	5,236	9,784	–	15,020	5,067	10,797	–	15,864	4,928	9,719	–	14,647
17	Industrial construction and trade contractors	2,301	1,439	–	3,740	2,120	1,526	–	3,646	2,141	1,497	–	3,638
18	Metals and mining	1,414	1,433	186	3,033	1,531	1,545	207	3,283	1,252	1,162	192	2,606
19	Pipelines, oil, and gas	3,673	2,886	–	6,559	3,665	2,452	–	6,117	3,409	1,485	–	4,894
20	Power and utilities	2,062	2,443	–	4,505	1,943	2,336	–	4,279	1,549	1,797	–	3,346
21	Professional and other services	3,605	9,266	18	12,889	3,730	10,198	83	14,011	3,734	8,674	75	12,483
22	Retail sector	2,474	3,908	–	6,382	2,272	4,104	–	6,376	2,225	4,219	–	6,444
23	Sundry manufacturing and wholesale	2,553	7,532	37	10,122	2,415	8,400	1	10,816	2,303	7,014	41	9,358
24	Telecommunications, cable, and media	2,246	4,778	125	7,149	2,088	5,034	140	7,262	2,427	4,069	157	6,653
25	Transportation	1,512	10,600	13	12,125	1,489	12,050	20	13,559	1,388	11,117	27	12,532
26	Other	3,404	2,189	42	5,635	4,398	1,213	43	5,654	4,749	893	40	5,682
27	Total business and government	87,688	102,808	1,494	191,990	88,094	108,201	2,039	198,334	84,155	97,217	1,978	183,350
Other Loans													
28	Debt securities classified as loans	–	1,515	305	1,820	–	1,813	404	2,217	–	1,807	380	2,187
29	Acquired credit-impaired loans ³	–	1,078	–	1,078	–	1,372	–	1,372	–	1,414	–	1,414
30	Total other loans	–	2,593	305	2,898	–	3,185	404	3,589	–	3,221	380	3,601
31	Total Gross Loans and Acceptances	\$ 389,160	\$ 181,486	\$ 1,801	\$ 572,447	\$ 388,703	\$ 196,323	\$ 2,448	\$ 587,474	\$ 383,535	\$ 178,523	\$ 2,363	\$ 564,421
Portfolio as a % of Total Gross Loans and Acceptances													
Personal													
32	Residential mortgages ²	32.5 %	4.5 %	– %	37.0 %	31.7 %	4.9 %	– %	36.6 %	32.8 %	4.7 %	– %	37.5 %
33	Consumer instalment and other personal												
34	HELOC	10.9	2.2	–	13.1	10.4	2.4	–	12.8	10.9	2.4	–	13.3
35	Indirect auto	3.4	4.4	–	7.8	3.3	4.7	–	8.0	3.4	4.4	–	7.8
36	Other	2.8	0.1	–	2.9	2.7	0.1	–	2.8	2.8	0.1	–	2.9
37	Credit card	3.1	2.1	–	5.2	3.0	2.4	–	5.4	3.1	2.2	–	5.3
38	Total personal	52.7	13.3	–	66.0	51.1	14.5	–	65.6	53.0	13.8	–	66.8
39	Business and Government ²	15.3	17.9	0.2	33.4	15.1	18.4	0.3	33.8	15.0	17.2	0.3	32.5
Other Loans													
40	Debt securities classified as loans	–	0.3	0.1	0.4	–	0.3	0.1	0.4	–	0.3	0.1	0.4
41	Acquired credit-impaired loans ³	–	0.2	–	0.2	–	0.2	–	0.2	–	0.3	–	0.3
42	Total other loans	–	0.5	0.1	0.6	–	0.5	0.1	0.6	–	0.6	0.1	0.7
43	Total Gross Loans and Acceptances	68.0 %	31.7 %	0.3 %	100.0 %	66.2 %	33.4 %	0.4 %	100.0 %	68.0 %	31.6 %	0.4 %	100.0 %

¹ Primarily based on the geographic location of the customer's address.

² Excludes loans classified as trading as the Bank intends to sell the loans immediately or in the near term, and loans designated at fair value through profit or loss for which no allowance is recorded.

³ Includes all FDIC covered loans and other ACI loans.

Gross Loans and Acceptances by Industry Sector and Geographic Location (Continued)¹

(\$ millions, except as noted)
As at

LINE #		2015 Q3				2015 Q2				2015 Q1			
		Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
By Industry Sector													
Personal													
Residential mortgages ²	1	\$ 180,707	\$ 27,117	\$ —	\$ 207,824	\$ 175,930	\$ 25,156	\$ —	\$ 201,086	\$ 175,895	\$ 26,434	\$ —	\$ 202,329
Consumer instalment and other personal													
HELOC	2	61,037	13,368	—	74,405	60,376	12,423	—	72,799	59,851	13,113	—	72,964
Indirect auto	3	18,313	23,927	—	42,240	17,475	21,098	—	38,573	16,881	21,902	—	38,783
Other	4	16,653	702	6	17,361	16,680	704	8	17,392	16,547	685	8	17,240
Credit card	5	17,748	9,299	—	27,047	17,524	8,283	—	25,807	17,362	9,042	—	26,404
Total personal	6	294,458	74,413	6	368,877	287,985	67,664	8	355,657	286,536	71,176	8	357,720
Business and Government²													
Real estate													
Residential	7	14,944	5,396	—	20,340	14,833	4,726	—	19,559	14,988	4,726	—	19,714
Non-residential	8	11,134	17,636	—	28,770	10,327	16,013	185	26,525	10,092	16,539	191	26,822
Total real estate	9	26,078	23,032	—	49,110	25,160	20,739	185	46,084	25,080	21,265	191	46,536
Agriculture	10	5,304	434	—	5,738	5,132	414	—	5,546	4,872	428	—	5,300
Automotive	11	4,142	2,911	72	7,125	4,138	2,699	72	6,909	3,752	2,902	74	6,728
Financial	12	8,715	3,378	1,314	13,407	9,278	3,496	1,159	13,933	8,816	3,978	1,523	14,317
Food, beverage, and tobacco	13	1,467	2,423	23	3,913	1,417	2,256	28	3,701	1,552	2,372	22	3,946
Forestry	14	455	594	8	1,057	486	513	8	1,007	425	514	8	947
Government, public sector entities, and education	15	5,616	8,753	96	14,465	6,964	7,797	121	14,882	6,740	7,712	45	14,497
Health and social services	16	4,771	9,223	—	13,994	4,539	8,290	—	12,829	4,338	8,289	—	12,627
Industrial construction and trade contractors	17	2,109	1,540	—	3,649	1,985	1,473	—	3,458	1,835	1,539	—	3,374
Metals and mining	18	1,186	1,341	193	2,720	1,331	1,266	—	2,597	1,266	1,234	—	2,500
Pipelines, oil, and gas	19	3,641	1,200	—	4,841	3,500	1,054	—	4,554	3,442	1,055	—	4,497
Power and utilities	20	1,672	2,041	—	3,713	1,832	1,467	—	3,299	1,791	1,261	18	3,070
Professional and other services	21	3,777	8,480	77	12,334	3,524	7,579	57	11,160	3,367	7,919	58	11,344
Retail sector	22	2,204	3,818	—	6,022	2,213	3,439	—	5,652	2,189	3,495	—	5,684
Sundry manufacturing and wholesale	23	2,202	5,922	39	8,163	2,142	5,574	41	7,757	2,215	5,186	34	7,435
Telecommunications, cable, and media	24	2,095	3,594	160	5,849	1,834	3,227	146	5,207	1,335	2,378	153	3,866
Transportation	25	1,382	10,029	16	11,427	1,289	8,740	23	10,052	1,188	9,068	29	10,285
Other	26	4,713	1,271	38	6,022	3,892	1,224	208	5,324	3,907	1,096	289	5,292
Total business and government	27	81,529	89,984	2,036	173,549	80,656	81,247	2,048	163,951	78,110	81,691	2,444	162,245
Other Loans													
Debt securities classified as loans	28	—	1,920	377	2,297	—	1,911	600	2,511	—	2,125	653	2,778
Acquired credit-impaired loans ³	29	—	1,520	—	1,520	—	1,526	—	1,526	—	1,763	—	1,763
Total other loans	30	—	3,440	377	3,817	—	3,437	600	4,037	—	3,888	653	4,541
Total Gross Loans and Acceptances	31	\$ 375,987	\$ 167,837	\$ 2,419	\$ 546,243	\$ 368,641	\$ 152,348	\$ 2,656	\$ 523,645	\$ 364,646	\$ 156,755	\$ 3,105	\$ 524,506
Portfolio as a % of Total Gross Loans and Acceptances													
Personal													
Residential mortgages ²	32	33.1 %	5.0 %	— %	38.1 %	33.6 %	4.7 %	— %	38.3 %	33.5 %	5.0 %	— %	38.5 %
Consumer instalment and other personal													
HELOC	33	11.2	2.4	—	13.6	11.6	2.3	—	13.9	11.4	2.5	—	13.9
Indirect auto	34	3.3	4.4	—	7.7	3.3	4.1	—	7.4	3.2	4.2	—	7.4
Other	35	3.1	0.1	—	3.2	3.2	0.1	—	3.3	3.2	0.1	—	3.3
Credit card	36	3.2	1.7	—	4.9	3.3	1.6	—	4.9	3.3	1.7	—	5.0
Total personal	37	53.9	13.6	—	67.5	55.0	12.8	—	67.8	54.6	13.5	—	68.1
Business and Government²	38	15.0	16.5	0.3	31.8	15.4	15.6	0.4	31.4	14.9	15.7	0.5	31.1
Other Loans													
Debt securities classified as loans	39	—	0.3	0.1	0.4	—	0.4	0.1	0.5	—	0.4	0.1	0.5
Acquired credit-impaired loans ³	40	—	0.3	—	0.3	—	0.3	—	0.3	—	0.3	—	0.3
Total other loans	41	—	0.6	0.1	0.7	—	0.7	0.1	0.8	—	0.7	0.1	0.8
Total Gross Loans and Acceptances	42	68.9 %	30.7 %	0.4 %	100.0 %	70.4 %	29.1 %	0.5 %	100.0 %	69.5 %	29.9 %	0.6 %	100.0 %

¹ Primarily based on the geographic location of the customer's address.

² Excludes loans classified as trading as the Bank intends to sell the loans immediately or in the near term, and loans designated at fair value through profit or loss for which no allowance is recorded.

³ Includes all FDIC covered loans and other ACI loans.

Gross Loans and Acceptances by Industry Sector and Geographic Location (Continued)¹

(\$ millions, except as noted)
As at

LINE #	2014 Q4	2014 Q3	2014 Q2
By Industry Sector			
Personal			
Residential mortgages ²	1		
Consumer instalment and other personal			
HELOC	2		
Indirect auto	3		
Other	4		
Credit card	5		
Total personal	6		
Business and Government²			
Real estate			
Residential	7		
Non-residential	8		
Total real estate	9		
Agriculture	10		
Automotive	11		
Financial	12		
Food, beverage, and tobacco	13		
Forestry	14		
Government, public sector entities, and education	15		
Health and social services	16		
Industrial construction and trade contractors	17		
Metals and mining	18		
Pipelines, oil, and gas	19		
Power and utilities	20		
Professional and other services	21		
Retail sector	22		
Sundry manufacturing and wholesale	23		
Telecommunications, cable, and media	24		
Transportation	25		
Other	26		
Total business and government	27		
Other Loans			
Debt securities classified as loans	28		
Acquired credit-impaired loans ³	29		
Total other loans	30		
Total Gross Loans and Acceptances	31		
Portfolio as a % of Total Gross Loans and Acceptances			
Personal			
Residential mortgages ²	32		
Consumer instalment and other personal			
HELOC	33		
Indirect auto	34		
Other	35		
Credit card	36		
Total personal	37		
Business and Government²	38		
Other Loans			
Debt securities classified as loans	39		
Acquired credit-impaired loans ³	40		
Total other loans	41		
Total Gross Loans and Acceptances	42		

¹ Primarily based on the geographic location of the customer's address.

² Excludes loans classified as trading as the Bank intends to sell the loans immediately or in the near term, and loans designated at fair value through profit or loss for which no allowance is recorded.

³ Includes all FDIC covered loans and other ACI loans.

Impaired Loans^{1,2}

(\$ millions, except as noted)

As at

CHANGE IN GROSS IMPAIRED LOANS BY SEGMENT Personal, Business, and Government Loans

	LINE #	2016		2015				2014			Year to Date		Full Year	
		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Impaired loans at beginning of period	1	\$ 3,799	\$ 3,244	\$ 3,077	\$ 2,905	\$ 2,967	\$ 2,731	\$ 2,636	\$ 2,746	\$ 2,861	\$ 3,244	\$ 2,731	\$ 2,731	\$ 2,692
Classified as impaired during the period														
Canadian Retail ³	2	675	697	664	657	655	702	711	695	722	1,372	1,357	2,678	2,885
U.S. Retail – in USD ³	3	485	743	486	421	365	390	406	368	365	1,228	755	1,662	1,581
– foreign exchange ³	4	151	277	155	114	88	76	46	29	38	428	164	433	147
Wholesale Banking	5	636	1,020	641	535	453	466	452	397	403	1,656	919	2,095	1,728
	6	142	–	33	14	16	–	–	–	–	142	16	63	–
Total classified as impaired during the period	7	1,453	1,717	1,338	1,206	1,124	1,168	1,163	1,092	1,125	3,170	2,292	4,836	4,613
Transferred to not impaired during the period	8	(414)	(370)	(270)	(329)	(290)	(290)	(304)	(373)	(367)	(784)	(580)	(1,179)	(1,352)
Net repayments	9	(391)	(399)	(377)	(334)	(265)	(281)	(276)	(291)	(288)	(790)	(546)	(1,257)	(1,157)
Disposals of loans	10	–	–	–	–	–	(8)	–	–	–	–	(8)	(8)	(7)
Net classified as impaired during the period	11	648	948	691	543	569	589	583	428	470	1,596	1,158	2,392	2,097
Amounts written off	12	(592)	(559)	(522)	(527)	(535)	(557)	(539)	(531)	(559)	(1,151)	(1,092)	(2,141)	(2,178)
Recoveries of loans and advances previously written off	13	–	–	–	–	–	–	–	–	–	–	–	–	–
Exchange and other movements	14	(288)	166	(2)	156	(96)	204	51	(7)	(26)	(122)	108	262	120
Change during the period	15	(232)	555	167	172	(62)	236	95	(110)	(115)	323	174	513	39
Total Gross Impaired Loans – Balance at End of Period	16	\$ 3,567	\$ 3,799	\$ 3,244	\$ 3,077	\$ 2,905	\$ 2,967	\$ 2,731	\$ 2,636	\$ 2,746	\$ 3,567	\$ 2,905	\$ 3,244	\$ 2,731

GROSS IMPAIRED LOANS BY SEGMENT

Personal, Business, and Government Loans

Canadian Retail	17	\$ 1,033	\$ 1,051	\$ 998	\$ 990	\$ 1,076	\$ 1,105	\$ 1,112	\$ 1,126	\$ 1,182	\$ 1,033	\$ 1,076	\$ 998	\$ 1,112
U.S. Retail – in USD	18	1,878	1,934	1,676	1,568	1,493	1,455	1,426	1,366	1,390	1,878	1,493	1,676	1,426
– foreign exchange	19	478	775	515	483	308	394	181	123	133	478	308	515	181
Wholesale Banking	20	2,356	2,709	2,191	2,051	1,801	1,849	1,607	1,489	1,523	2,356	1,801	2,191	1,607
	21	178	39	55	36	28	13	12	21	41	178	28	55	12
Total Gross Impaired Loans	22	\$ 3,567	\$ 3,799	\$ 3,244	\$ 3,077	\$ 2,905	\$ 2,967	\$ 2,731	\$ 2,636	\$ 2,746	\$ 3,567	\$ 2,905	\$ 3,244	\$ 2,731

NET IMPAIRED LOANS BY SEGMENT

Personal, Business, and Government Loans

Canadian Retail	23	\$ 757	\$ 766	\$ 715	\$ 706	\$ 797	\$ 824	\$ 834	\$ 838	\$ 893	\$ 757	\$ 797	\$ 715	\$ 834
U.S. Retail – in USD	24	1,629	1,688	1,459	1,373	1,299	1,252	1,250	1,192	1,192	1,629	1,299	1,459	1,250
– foreign exchange	25	415	676	448	423	268	340	159	108	114	415	268	448	159
Wholesale Banking	26	2,044	2,364	1,907	1,796	1,567	1,592	1,409	1,300	1,306	2,044	1,567	1,907	1,409
	27	107	13	38	30	17	2	1	1	6	107	17	38	1
Total Net Impaired Loans	28	\$ 2,908	\$ 3,143	\$ 2,660	\$ 2,532	\$ 2,381	\$ 2,418	\$ 2,244	\$ 2,139	\$ 2,205	\$ 2,908	\$ 2,381	\$ 2,660	\$ 2,244
Net Impaired Loans as a % of Net Loans and Acceptances	29	0.51 %	0.54 %	0.48 %	0.47 %	0.46 %	0.47 %	0.46 %	0.45 %	0.48 %	0.51 %	0.46 %	0.48 %	0.46 %

¹ Includes customers' liability under acceptances.

² Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

³ Retail product loans, including Canadian government-insured real estate personal loans, are generally considered impaired when contractual payments are 90 days or greater past due.

Impaired Loans and Acceptances by Industry Sector and Geographic Location¹

(\$ millions, except as noted)

As at

LINE #		2016 Q2				2016 Q1				2015 Q4			
		Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
By Industry Sector													
Personal													
1	Residential mortgages	\$ 427	\$ 412	\$ –	\$ 839	\$ 434	\$ 445	\$ –	\$ 879	\$ 395	\$ 391	\$ –	\$ 786
2	Consumer instalment and other personal HELOC ²	164	1,031	–	1,195	174	1,234	–	1,408	180	829	–	1,009
3	Indirect auto	61	169	–	230	53	180	–	233	47	162	–	209
4	Other	53	7	–	60	55	8	–	63	52	8	–	60
5	Credit card	158	176	–	334	157	208	–	365	153	153	–	306
6	Total personal	863	1,795	–	2,658	873	2,075	–	2,948	827	1,543	–	2,370
Business and Government													
Real estate													
7	Residential	7	66	–	73	10	81	–	91	13	79	–	92
8	Non-residential	9	123	–	132	9	132	–	141	10	147	–	157
9	Total real estate	16	189	–	205	19	213	–	232	23	226	–	249
10	Agriculture	12	1	–	13	7	1	–	8	5	1	–	6
11	Automotive	1	11	–	12	3	13	–	16	2	13	–	15
12	Financial	2	27	–	29	2	31	–	33	1	30	–	31
13	Food, beverage, and tobacco	–	6	–	6	12	19	–	31	12	9	–	21
14	Forestry	–	17	–	17	–	19	–	19	–	1	–	1
15	Government, public sector entities, and education	3	8	–	11	3	10	–	13	3	9	–	12
16	Health and social services	11	37	–	48	6	18	–	24	5	41	–	46
17	Industrial construction and trade contractors	25	30	–	55	20	36	–	56	22	36	–	58
18	Metals and mining	21	11	–	32	9	12	–	21	6	15	–	21
19	Pipelines, oil, and gas	112	99	–	211	86	–	–	86	93	6	–	99
20	Power and utilities	–	1	–	1	–	1	–	1	–	–	–	–
21	Professional and other services	10	78	–	88	10	86	–	96	12	85	–	97
22	Retail sector	21	58	–	79	21	70	–	91	19	77	–	96
23	Sundry manufacturing and wholesale	4	43	–	47	5	53	–	58	5	52	–	57
24	Telecommunications, cable, and media	–	14	–	14	2	15	–	17	2	14	–	16
25	Transportation	3	23	–	26	4	31	–	35	4	33	–	37
26	Other	7	8	–	15	7	7	–	14	5	7	–	12
27	Total business and government	248	661	–	909	216	635	–	851	219	655	–	874
28	Total Gross Impaired Loans³	\$ 1,111	\$ 2,456	\$ –	\$ 3,567	\$ 1,089	\$ 2,710	\$ –	\$ 3,799	\$ 1,046	\$ 2,198	\$ –	\$ 3,244
Gross Impaired Loans as a % of Gross Loans and Acceptances													
Personal													
29	Residential mortgages	0.23 %	1.61 %	– %	0.40 %	0.23 %	1.56 %	– %	0.41 %	0.21 %	1.45 %	– %	0.37 %
30	Consumer instalment and other personal HELOC ²	0.26	8.19	–	1.60	0.28	8.68	–	1.86	0.29	6.22	–	1.35
31	Indirect auto	0.31	0.67	–	0.51	0.28	0.65	–	0.50	0.25	0.65	–	0.48
32	Other	0.33	1.01	–	0.36	0.35	1.06	–	0.38	0.32	1.15	–	0.36
33	Credit card	0.89	1.47	–	1.12	0.88	1.50	–	1.15	0.85	1.25	–	1.01
34	Total personal	0.29	2.36	–	0.70	0.29	2.44	–	0.76	0.28	1.98	–	0.63
35	Business and Government	0.27	0.66	–	0.47	0.24	0.59	–	0.43	0.26	0.68	–	0.48
36	Total Gross Impaired Loans³	0.28 %	1.39 %	– %	0.63 %	0.28 %	1.41 %	– %	0.65 %	0.27 %	1.26 %	– %	0.58 %

¹ Primarily based on the geographic location of the customer's address.

² Includes certain Canadian personal past due accounts.

³ Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Impaired Loans and Acceptances by Industry Sector and Geographic Location (Continued)¹

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at		2015 Q3				2015 Q2				2015 Q1				
LINE #														
By Industry Sector														
Personal														
1	Residential mortgages	\$ 402	\$ 400	\$ –	\$ 802	\$ 436	\$ 345	\$ –	\$ 781	\$ 451	\$ 359	\$ –	\$ 810	
	Consumer instalment and other personal													
2	HELOC ²	199	664	–	863	242	482	–	724	260	435	–	695	
3	Indirect auto	41	159	–	200	44	142	–	186	44	153	–	197	
4	Other	50	7	–	57	65	6	–	71	64	6	–	70	
5	Credit card	145	124	–	269	162	122	–	284	167	154	–	321	
6	Total personal	837	1,354	–	2,191	949	1,097	–	2,046	986	1,107	–	2,093	
Business and Government														
	Real estate													
7	Residential	13	87	–	100	15	84	–	99	17	95	–	112	
8	Non-residential	11	180	–	191	11	193	–	204	7	179	–	186	
9	Total real estate	24	267	–	291	26	277	–	303	24	274	–	298	
10	Agriculture	6	1	–	7	6	1	–	7	4	1	–	5	
11	Automotive	2	12	–	14	2	11	–	13	1	14	–	15	
12	Financial	3	32	–	35	–	29	–	29	–	31	–	31	
13	Food, beverage, and tobacco	14	11	–	25	2	14	–	16	3	12	–	15	
14	Forestry	1	2	–	3	–	2	–	2	–	2	–	2	
15	Government, public sector entities, and education	3	8	–	11	5	11	–	16	5	12	–	17	
16	Health and social services	5	42	–	47	5	55	–	60	8	51	–	59	
17	Industrial construction and trade contractors	22	38	–	60	7	29	–	36	8	30	–	38	
18	Metals and mining	6	16	–	22	3	14	–	17	–	9	–	9	
19	Pipelines, oil, and gas	29	6	–	35	15	7	–	22	6	–	–	6	
20	Power and utilities	–	–	–	–	–	–	–	–	–	–	–	–	
21	Professional and other services	32	90	–	122	33	82	–	115	32	98	–	130	
22	Retail sector	19	87	–	106	20	83	–	103	19	93	–	112	
23	Sundry manufacturing and wholesale	7	53	–	60	9	64	–	73	6	73	–	79	
24	Telecommunications, cable, and media	2	14	–	16	1	13	–	14	2	17	–	19	
25	Transportation	3	17	–	20	3	16	–	19	3	20	–	23	
26	Other	4	8	–	12	4	10	–	14	4	12	–	16	
27	Total business and government	182	704	–	886	141	718	–	859	125	749	–	874	
28	Total Gross Impaired Loans ³	\$ 1,019	\$ 2,058	\$ –	\$ 3,077	\$ 1,090	\$ 1,815	\$ –	\$ 2,905	\$ 1,111	\$ 1,856	\$ –	\$ 2,967	
Gross Impaired Loans as a % of Gross Loans and Acceptances														
Personal														
29	Residential mortgages	0.22 %	1.48 %	– %	0.39 %	0.25 %	1.37 %	– %	0.39 %	0.26 %	1.36 %	– %	0.40 %	
	Consumer instalment and other personal													
30	HELOC ²	0.33	4.97	–	1.16	0.40	3.88	–	0.99	0.43	3.32	–	0.95	
31	Indirect auto	0.22	0.66	–	0.47	0.25	0.67	–	0.48	0.26	0.70	–	0.51	
32	Other	0.30	1.00	–	0.33	0.39	0.85	–	0.41	0.39	0.88	–	0.41	
33	Credit card	0.82	1.33	–	0.99	0.92	1.47	–	1.10	0.96	1.70	–	1.22	
34	Total personal	0.28	1.82	–	0.59	0.33	1.62	–	0.58	0.34	1.56	–	0.59	
35	Business and Government	0.22	0.78	–	0.51	0.17	0.88	–	0.52	0.16	0.92	–	0.54	
36	Total Gross Impaired Loans ³	0.27 %	1.25 %	– %	0.57 %	0.30 %	1.22 %	– %	0.56 %	0.30 %	1.21 %	– %	0.57 %	

¹ Primarily based on the geographic location of the customer's address.

² Includes certain Canadian personal past due accounts.

³ Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Impaired Loans and Acceptances by Industry Sector and Geographic Location (Continued)¹

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at		LIN #	2014 Q4				2014 Q3				2014 Q2						
By Industry Sector																	
Personal			Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total			
Residential mortgages	1	\$	440	\$	312	\$	—	\$	752	\$	439	\$	277	\$	—	\$	740
Consumer instalment and other personal																	
HELOC ²	2		268		344		—		612		273		276		—		571
Indirect auto	3		39		133		—		172		40		104		—		139
Other	4		63		6		—		69		64		6		—		73
Credit card	5		171		123		—		294		167		126		—		299
Total personal	6		981		918		—		1,899		983		800		—		1,822
Business and Government																	
Real estate																	
Residential	7		22		85		—		107		20		99		—		123
Non-residential	8		6		168		—		174		7		189		—		195
Total real estate	9		28		253		—		281		27		288		—		318
Agriculture	10		6		1		—		7		7		1		—		7
Automotive	11		1		15		—		16		1		17		—		18
Financial	12		1		27		—		28		—		22		—		26
Food, beverage, and tobacco	13		1		10		—		11		7		14		—		16
Forestry	14		2		2		—		4		5		2		—		5
Government, public sector entities, and education	15		5		17		—		22		5		17		—		33
Health and social services	16		7		54		—		61		6		52		—		48
Industrial construction and trade contractors	17		7		32		—		39		12		33		—		50
Metals and mining	18		2		10		—		12		4		12		—		15
Pipelines, oil, and gas	19		6		—		—		6		6		—		—		7
Power and utilities	20		—		—		—		—		—		3		—		—
Professional and other services	21		30		93		—		123		35		82		—		117
Retail sector	22		18		89		—		107		30		93		—		123
Sundry manufacturing and wholesale	23		12		51		—		63		4		44		—		48
Telecommunications, cable, and media	24		2		18		—		20		2		15		—		17
Transportation	25		3		17		—		20		2		10		—		12
Other	26		5		7		—		12		5		6		—		11
Total business and government	27		136		696		—		832		158		695		—		853
Total Gross Impaired Loans ³	28	\$	1,117	\$	1,614	\$	—	\$	2,731	\$	1,141	\$	1,495	\$	—	\$	2,636
Gross Impaired Loans as a % of Gross Loans and Acceptances																	
Personal																	
Residential mortgages	29		0.25 %	1.34 %	— %	0.38 %		0.26 %	1.25 %	— %	0.37 %		0.28 %	1.24 %	— %	0.39 %	
Consumer instalment and other personal																	
HELOC ²	30		0.45	2.95	—	0.86		0.46	2.53	—	0.78		0.49	2.45	—	0.80	
Indirect auto	31		0.24	0.71	—	0.49		0.25	0.65	—	0.47		0.23	0.60	—	0.43	
Other	32		0.39	0.98	—	0.41		0.40	0.84	—	0.42		0.44	1.03	—	0.46	
Credit card	33		0.95	1.61	—	1.15		0.92	1.56	—	1.10		0.96	1.72	—	1.18	
Total personal	34		0.34	1.48	—	0.55		0.35	1.35	—	0.52		0.38	1.34	—	0.55	
Business and Government	35		0.19	1.00	—	0.58		0.22	1.08	—	0.62		0.27	1.20	—	0.70	
Total Gross Impaired Loans ³	36		0.31 %	1.23 %	— %	0.56 %		0.32 %	1.21 %	— %	0.55 %		0.35 %	1.27 %	— %	0.59 %	

¹ Primarily based on the geographic location of the customer's address.

² Includes certain Canadian personal past due accounts.

³ Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Allowance for Credit Losses

(\$ millions)

As at

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
COUNTERPARTY-SPECIFIC ALLOWANCE													
Change in Allowance for Credit Losses – Counterparty-Specific													
1	\$ 396	\$ 369	\$ 395	\$ 364	\$ 380	\$ 355	\$ 352	\$ 376	\$ 359	\$ 369	\$ 355	\$ 355	\$ 348
2	53	7	(12)	27	5	4	21	5	44	60	9	24	92
3	(30)	(10)	(23)	(27)	(20)	(17)	(35)	(54)	(28)	(40)	(37)	(87)	(152)
4	22	13	11	10	21	10	19	32	14	35	31	52	76
5	–	–	–	–	–	(3)	–	–	–	–	(3)	(3)	–
6	(36)	17	(2)	21	(22)	31	(2)	(7)	(13)	(19)	9	28	(9)
7	405	396	369	395	364	380	355	352	376	405	364	369	355
COLLECTIVELY ASSESSED ALLOWANCE													
Change in Allowance for Credit Losses – Individually Insignificant													
8	568	505	481	478	514	442	442	450	412	505	442	442	391
9	423	457	402	349	367	395	364	339	363	880	762	1,513	1,392
10	(560)	(571)	(503)	(507)	(520)	(540)	(492)	(464)	(446)	(1,131)	(1,060)	(2,070)	(1,815)
11	132	156	125	136	131	157	115	120	125	288	288	549	457
12	–	–	–	–	–	–	–	–	–	–	–	–	–
13	(39)	21	–	25	(14)	60	13	(3)	(4)	(18)	46	71	17
14	524	568	505	481	478	514	442	442	450	524	478	505	442
Change in Allowance for Credit Losses – Incurred but not Identified													
15	3,174	2,873	2,755	2,571	2,645	2,505	2,473	2,486	2,524	2,873	2,505	2,505	2,328
16	108	178	119	61	3	(37)	(14)	(6)	(15)	286	(34)	146	73
17	–	–	–	–	–	–	–	–	–	–	–	–	–
18	(202)	123	(1)	123	(77)	177	46	(7)	(23)	(79)	100	222	104
19	3,080	3,174	2,873	2,755	2,571	2,645	2,505	2,473	2,486	3,080	2,571	2,873	2,505
20	4,009	4,138	3,747	3,631	3,413	3,539	3,302	3,267	3,312	4,009	3,413	3,747	3,302
Consisting of:													
Allowance for loan losses													
21	1,397	1,330	1,281	1,261	1,259	1,260	1,258	1,271	1,293	1,397	1,259	1,281	1,258
22	2,214	2,391	2,148	2,079	1,881	1,995	1,763	1,727	1,749	2,214	1,881	2,148	1,763
23	5	5	5	4	10	8	7	7	7	5	10	5	7
24	3,616	3,726	3,434	3,344	3,150	3,263	3,028	3,005	3,049	3,616	3,150	3,434	3,028
25	393	412	313	287	263	276	274	262	263	393	263	313	274
26	\$ 4,009	\$ 4,138	\$ 3,747	\$ 3,631	\$ 3,413	\$ 3,539	\$ 3,302	\$ 3,267	\$ 3,312	\$ 4,009	\$ 3,413	\$ 3,747	\$ 3,302

Allowance for Credit Losses by Industry Sector and Geographic Location¹

(\$ millions, except as noted)

As at

By Industry Sector

Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant – On-Balance Sheet Loans

Personal

Residential mortgages

Consumer instalment and other personal

HELOC

Indirect auto

Other

Credit card

Total personal

Business and Government

Real estate

Residential

Non-residential

Total real estate

Agriculture

Automotive

Financial

Food, beverage, and tobacco

Forestry

Government, public sector entities, and education

Health and social services

Industrial construction and trade contractors

Metals and mining

Pipelines, oil, and gas

Power and utilities

Professional and other services

Retail sector

Sundry manufacturing and wholesale

Telecommunications, cable, and media

Transportation

Other

Total business and government

Other Loans

Debt securities classified as loans

Acquired credit-impaired loans²

Total other loans

Total Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant

Allowance for Credit Losses – Incurred but Not Identified – On-Balance Sheet Loans

Personal

Residential mortgages

Consumer instalment and other personal

HELOC

Indirect auto

Other

Credit card

Total personal

Business and Government

Other Loans

Debt securities classified as loans

Total other loans

Total Allowance for Credit Losses – Incurred but Not Identified

Allowance for Loan Losses – On-Balance Sheet Loans

Allowances for Credit Losses – Off-Balance Sheet Instruments

Total Allowance for Credit Losses

Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant as a % of Gross Impaired Loans³

Personal

Residential mortgages

Consumer instalment and other personal

HELOC

Indirect auto

Other

Credit card

Total personal

Business and Government

Total Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant³

Total allowance for credit losses as a % of gross loans and acceptances³

LINE #	2016 Q2	2016 Q1	2015 Q4
	Canada United States Int'l Total	Canada United States Int'l Total	Canada United States Int'l Total
1	\$ 15 \$ 18 \$ – \$ 33	\$ 16 \$ 21 \$ – \$ 37	\$ 17 \$ 30 \$ – \$ 47
2	9 54 – 63	10 55 – 65	14 49 – 63
3	37 4 – 41	35 6 – 41	30 7 – 37
4	32 3 – 35	34 3 – 37	33 3 – 36
5	109 149 – 258	109 168 – 277	108 109 – 217
6	202 228 – 430	204 253 – 457	202 198 – 400
7	7 8 – 15	7 9 – 16	7 11 – 18
8	2 14 – 16	3 16 – 19	3 14 – 17
9	9 22 – 31	10 25 – 35	10 25 – 35
10	1 – 1	1 – 1	2 – 2
11	1 2 – 3	2 2 – 4	1 2 – 3
12	– 4 – 4	– 5 – 5	– 4 – 4
13	– 2 – 2	10 3 – 13	11 2 – 13
14	– 7 – 7	– 7 – 7	– 1 – 1
15	2 1 – 3	2 1 – 3	2 1 – 3
16	6 5 – 11	3 3 – 6	2 3 – 5
17	21 5 – 26	17 6 – 23	20 6 – 26
18	– 4 – 4	– 2 – 2	– 2 – 2
19	56 24 – 80	35 – 35	25 – 25
20	– – –	– – –	– – –
21	7 8 – 15	8 10 – 18	8 11 – 19
22	10 10 – 20	10 12 – 22	10 12 – 22
23	2 6 – 8	3 11 – 14	3 12 – 15
24	– 3 – 3	– 1 – 1	– 1 – 1
25	2 1 – 3	2 2 – 4	2 2 – 4
26	4 4 – 8	4 2 – 6	2 2 – 4
27	121 108 – 229	107 92 – 199	98 86 – 184
28	– 199 – 199	– 222 – 222	– 207 – 207
29	– 71 – 71	– 86 – 86	– 83 – 83
30	– 270 – 270	– 308 – 308	– 290 – 290
31	323 606 – 929	311 653 – 964	300 574 – 874
32	16 55 – 71	11 62 – 73	10 48 – 58
33	6 117 – 123	5 137 – 142	5 129 – 134
34	147 200 – 347	135 218 – 353	127 202 – 329
35	169 25 – 194	155 31 – 186	143 26 – 169
36	472 413 – 885	460 457 – 917	462 435 – 897
37	810 810 – 1,620	766 905 – 1,671	747 840 – 1,587
38	264 748 5 1,017	253 776 5 1,034	234 677 5 916
39	– 50 – 50	– 57 – 57	– 57 – 57
40	– 50 – 50	– 57 – 57	– 57 – 57
41	1,074 1,608 5 2,687	1,019 1,738 5 2,762	981 1,574 5 2,560
42	1,397 2,214 5 3,616	1,330 2,391 5 3,726	1,281 2,148 5 3,434
43	166 224 3 393	158 251 3 412	141 171 1 313
44	\$ 1,563 \$ 2,438 \$ 8 \$ 4,009	\$ 1,488 \$ 2,642 \$ 8 \$ 4,138	\$ 1,422 \$ 2,319 \$ 6 \$ 3,747
45	3.5 % 4.4 % – % 3.9 %	3.7 % 4.7 % – % 4.2 %	4.3 % 7.7 % – % 6.0 %
46	5.5 5.2 – 5.3	5.7 4.5 – 4.6	7.8 5.9 – 6.2
47	60.7 2.4 – 17.8	66.0 3.3 – 17.6	63.8 4.3 – 17.7
48	60.4 42.9 – 58.3	61.8 37.5 – 58.7	63.5 37.5 – 60.0
49	69.0 84.7 – 77.2	69.4 80.8 – 75.9	70.6 71.2 – 70.9
50	23.4 12.7 – 16.2	23.4 12.2 – 15.5	24.4 12.8 – 16.9
51	48.8 16.3 – 25.2	49.5 14.5 – 23.4	44.7 13.1 – 21.1
52	29.1 % 13.7 % – % 18.5 %	28.6 % 12.7 % – % 17.3 %	28.7 % 12.9 % – % 18.0 %
53	0.4 % 1.2 % 0.5 % 0.6 %	0.4 % 1.2 % 0.4 % 0.6 %	0.4 % 1.1 % 0.3 % 0.6 %

¹ Primarily based on the geographic location of the customer's address.

² Includes all FDIC covered loans and other ACI loans.

³ Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Allowance for Credit Losses by Industry Sector and Geographic Location (Continued)¹

(\$ millions, except as noted)		2015				2015				2015			
As at		Q3				Q2				Q1			
By Industry Sector													
Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant – On-Balance Sheet Loans													
Personal													
Residential mortgages													
Consumer instalment and other personal													
HELOC													
Indirect auto													
Other													
Credit card													
Total personal													
Business and Government													
Real estate													
Residential													
Non-residential													
Total real estate													
Agriculture													
Automotive													
Financial													
Food, beverage, and tobacco													
Forestry													
Government, public sector entities, and education													
Health and social services													
Industrial construction and trade contractors													
Metals and mining													
Pipelines, oil, and gas													
Power and utilities													
Professional and other services													
Retail sector													
Sundry manufacturing and wholesale													
Telecommunications, cable, and media													
Transportation													
Other													
Total business and government													
Other Loans													
Debt securities classified as loans													
Acquired credit-impaired loans ²													
Total other loans													
Total Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant													
Allowance for Credit Losses – Incurred but Not Identified – On-Balance Sheet Loans													
Personal													
Residential mortgages													
Consumer instalment and other personal													
HELOC													
Indirect auto													
Other													
Credit card													
Total personal													
Business and Government													
Other Loans													
Debt securities classified as loans													
Total other loans													
Total Allowance for Credit Losses – Incurred but Not Identified													
Allowance for Loan Losses – On-Balance Sheet Loans													
Allowances for Credit Losses – Off-Balance Sheet Instruments													
Total Allowance for Credit Losses													
Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant as a % of Gross Impaired Loans ³													
Personal													
Residential mortgages													
Consumer instalment and other personal													
HELOC													
Indirect auto													
Other													
Credit card													
Total personal													
Business and Government													
Total Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant ¹													
Total allowance for credit losses as a % of gross loans and acceptances ³													

¹ Primarily based on the geographic location of the customer's address.

² Includes all FDIC covered loans and other ACI loans.

³ Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Allowance for Credit Losses by Industry Sector and Geographic Location (Continued)¹

(\$ millions, except as noted)		2014				2014				2014			
As at		Q4				Q3				Q2			
By Industry Sector	LINE #	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant – On-Balance Sheet Loans													
Personal													
Residential mortgages	1	\$ 13	\$ 9	\$ –	\$ 22	\$ 13	\$ 8	\$ –	\$ 21	\$ 14	\$ 11	\$ –	\$ 25
Consumer instalment and other personal													
HELOC	2	19	19	–	38	19	19	–	38	20	18	–	38
Indirect auto	3	22	5	–	27	24	5	–	29	20	5	–	25
Other	4	43	2	–	45	44	2	–	46	45	2	–	47
Credit card	5	105	94	–	199	110	89	–	199	115	97	–	212
Total personal	6	202	129	–	331	210	123	–	333	214	133	–	347
Business and Government													
Real estate													
Residential	7	12	6	–	18	12	7	–	19	12	10	–	22
Non-residential	8	2	14	–	16	2	12	–	14	2	17	–	19
Total real estate	9	14	20	–	34	14	19	–	33	14	27	–	41
Agriculture	10	1	–	–	1	1	–	–	1	1	–	–	1
Automotive	11	–	1	–	1	1	1	–	2	–	2	–	2
Financial	12	–	2	–	2	–	3	–	3	1	3	–	4
Food, beverage, and tobacco	13	1	1	–	2	4	1	–	5	1	1	–	2
Forestry	14	–	1	–	1	–	1	–	1	–	1	–	1
Government, public sector entities, and education	15	2	1	–	3	2	1	–	3	2	5	–	7
Health and social services	16	2	5	–	7	1	9	–	10	1	7	–	8
Industrial construction and trade contractors	17	6	6	–	12	8	5	–	13	9	6	–	15
Metals and mining	18	1	1	–	2	4	–	–	4	3	2	–	5
Pipelines, oil, and gas	19	5	–	–	5	5	–	–	5	5	–	–	5
Power and utilities	20	–	–	–	–	–	–	–	–	–	–	–	–
Professional and other services	21	26	9	–	35	28	8	–	36	28	10	–	38
Retail sector	22	11	9	–	20	19	8	–	27	30	11	–	41
Sundry manufacturing and wholesale	23	10	12	–	22	2	9	–	11	3	4	–	7
Telecommunications, cable, and media	24	1	2	–	3	–	2	–	2	–	8	–	8
Transportation	25	2	2	–	4	2	1	–	3	1	4	–	5
Other	26	–	2	–	2	2	3	–	5	4	–	–	4
Total business and government	27	82	74	–	156	93	71	–	164	103	91	–	194
Other Loans													
Debt securities classified as loans	28	–	213	–	213	–	195	–	195	–	186	–	186
Acquired credit-impaired loans ²	29	–	97	–	97	–	102	–	102	–	99	–	99
Total other loans	30	–	310	–	310	–	297	–	297	–	285	–	285
Total Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant	31	284	513	–	797	303	491	–	794	317	509	–	826
Allowance for Credit Losses – Incurred but Not Identified – On-Balance Sheet Loans													
Personal													
Residential mortgages	32	14	34	–	48	14	34	–	48	39	34	–	73
Consumer instalment and other personal													
HELOC	33	5	111	–	116	6	95	–	101	6	92	–	98
Indirect auto	34	95	200	–	295	88	195	–	283	95	199	–	294
Other	35	142	24	–	166	143	23	–	166	155	22	–	177
Credit card	36	493	308	–	801	507	298	–	805	477	290	–	767
Total personal	37	749	677	–	1,426	758	645	–	1,403	772	637	–	1,409
Business and Government	38	225	514	7	746	210	498	7	715	204	500	7	711
Other Loans													
Debt securities classified as loans	39	–	59	–	59	–	93	–	93	–	103	–	103
Total other loans	40	–	59	–	59	–	93	–	93	–	103	–	103
Total Allowance for Credit Losses – Incurred but Not Identified	41	974	1,250	7	2,231	968	1,236	7	2,211	976	1,240	7	2,223
Allowance for Loan Losses – On-Balance Sheet Loans	42	1,258	1,763	7	3,028	1,271	1,727	7	3,005	1,293	1,749	7	3,049
Allowances for Credit Losses – Off-Balance Sheet Instruments	43	128	144	2	274	128	133	1	262	123	138	2	263
Total Allowance for Credit Losses	44	\$ 1,386	\$ 1,907	\$ 9	\$ 3,302	\$ 1,399	\$ 1,860	\$ 8	\$ 3,267	\$ 1,416	\$ 1,887	\$ 9	\$ 3,312
Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant as a % of Gross Impaired Loans³													
Personal													
Residential mortgages	45	3.0 %	2.9 %	– %	2.9 %	3.0 %	2.9 %	– %	2.9 %	3.0 %	4.0 %	– %	3.4 %
Consumer instalment and other personal													
HELOC	46	7.1	5.5	–	6.2	7.0	6.7	–	6.8	6.8	6.5	–	6.7
Indirect auto	47	56.4	3.8	–	15.7	60.0	4.3	–	18.6	57.1	4.8	–	18.0
Other	48	68.3	33.3	–	65.2	68.8	40.0	–	66.7	67.2	33.3	–	64.4
Credit card	49	61.4	76.4	–	67.7	65.9	77.4	–	70.6	66.5	77.0	–	70.9
Total personal	50	20.6	14.1	–	17.4	21.4	15.4	–	18.7	20.7	16.9	–	19.0
Business and Government	51	60.3	10.6	–	18.8	58.9	10.2	–	19.2	56.0	12.3	–	21.0
Total Allowance for Credit Losses – Counterparty-Specific and Individually Insignificant³	52	25.4 %	12.6 %	– %	17.8 %	26.6 %	13.0 %	– %	18.9 %	26.0 %	14.7 %	– %	19.7 %
Total allowance for credit losses as a % of gross loans and acceptances³	53	0.4 %	1.2 %	0.4 %	0.6 %	0.4 %	1.2 %	0.4 %	0.6 %	0.4 %	1.2 %	0.4 %	0.6 %

¹ Primarily based on the geographic location of the customer's address.

² Includes all FDIC covered loans and other ACI loans.

³ Excludes ACI loans and debt securities classified as loans. For further details on ACI loans, refer to pages 37 to 39.

Provision for Credit Losses¹

\$ millions) For the period ended		LINE #	2016		2015				2014			Year to Date		Full Year	
			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
PROVISION FOR (REVERSAL OF) CREDIT LOSSES															
Provision for Credit losses for Counterparty-Specific and Individually Insignificant															
Provision for credit losses – counterparty-specific	1	\$ 75	\$ 20	\$ (1)	\$ 37	\$ 26	\$ 14	\$ 40	\$ 37	\$ 58	\$ 95	\$ 40	\$ 76	\$ 168	
Provision for credit losses – individually insignificant	2	555	613	527	485	498	552	479	459	488	1,168	1,050	2,062	1,849	
Recoveries	3	(154)	(169)	(136)	(146)	(152)	(167)	(134)	(152)	(139)	(323)	(319)	(601)	(533)	
Total provision for credit losses for counterparty-specific and individually insignificant	4	476	464	390	376	372	399	385	344	407	940	771	1,537	1,484	
Provision for Credit Losses – Incurred But Not Identified															
Canadian Retail and Wholesale Banking ²	5	60	65	36	–	8	–	9	(3)	3	125	8	44	8	
U.S. Retail – in USD	6	39	61	53	37	6	(38)	(25)	(5)	1	100	(32)	58	9	
– foreign exchange	7	11	24	17	10	1	(10)	(3)	–	–	35	(9)	18	(1)	
Corporate ³ – in USD	8	50	85	70	47	7	(48)	(28)	(5)	1	135	(41)	76	8	
– foreign exchange	9	(1)	21	10	11	(10)	10	5	2	(17)	20	–	21	55	
	10	(1)	7	3	3	(2)	1	–	–	(2)	6	(1)	5	2	
Total provision for credit losses – incurred but not identified	11	108	178	119	61	3	(37)	(14)	(6)	(15)	286	(34)	146	73	
Total Provision for Credit Losses	12	\$ 584	\$ 642	\$ 509	\$ 437	\$ 375	\$ 362	\$ 371	\$ 338	\$ 392	\$ 1,226	\$ 737	\$ 1,683	\$ 1,557	
PROVISION FOR (REVERSAL OF) CREDIT LOSSES BY SEGMENT															
Canadian Retail	13	\$ 262	\$ 228	\$ 221	\$ 237	\$ 239	\$ 190	\$ 250	\$ 228	\$ 238	\$ 490	\$ 429	\$ 887	\$ 946	
U.S. Retail – in USD	14	123	160	133	122	81	94	78	74	93	283	175	430	401	
– foreign exchange	15	39	61	41	31	20	13	8	6	10	100	33	105	35	
Wholesale Banking ⁴	16	162	221	174	153	101	107	86	80	103	383	208	535	436	
Corporate	17	50	12	14	2	–	2	(1)	5	7	62	2	18	11	
U.S. strategic cards portfolio ³ – in USD	18	40	87	51	39	23	60	47	44	62	127	83	173	220	
– foreign exchange	19	12	33	16	8	7	10	6	3	7	45	17	41	20	
Wholesale Banking – CDS ⁴	20	(2)	(4)	(3)	(3)	(3)	(3)	(2)	(2)	(5)	(6)	(6)	(12)	(14)	
Increase/(reduction) of allowance for incurred but not identified credit losses	21	60	65	36	–	8	(4)	(14)	(20)	(20)	125	4	40	(61)	
Other	22	–	–	–	1	–	–	(1)	–	–	–	–	1	(1)	
Total Corporate	23	110	181	100	45	35	63	36	25	44	291	98	243	164	
Total Provision for Credit Losses	24	\$ 584	\$ 642	\$ 509	\$ 437	\$ 375	\$ 362	\$ 371	\$ 338	\$ 392	\$ 1,226	\$ 737	\$ 1,683	\$ 1,557	

¹ Includes provision for off-balance sheet positions.

² The incurred but not identified PCL is included in the Corporate segment results for management reporting.

³ The retailer program partners' share of the U.S. strategic cards portfolio's provision for credit losses (PCL).

⁴ Premiums on CDS recorded in PCL for Wholesale Banking are reclassified to trading income in the Corporate segment.

Provision for Credit Losses by Industry Sector and Geographic Location^{1,2}

(\$ millions, except as noted)
For the period ended

LINE #	2016 Q2	2016 Q1	2015 Q4
By Industry Sector			
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant			
Personal			
Residential mortgages	\$ 3	\$ (9)	\$ 1
Consumer Instalment and Other Personal			
HELOC	2	14	13
Indirect auto	60	63	45
Other	45	27	43
Credit card	135	158	127
Total personal	245	227	174
Business and Government			
Real estate			
Residential	–	(3)	2
Non-residential	–	3	4
Total real estate	–	–	6
Agriculture	–	–	–
Automotive	–	1	1
Financial	–	–	–
Food, beverage, and tobacco	(3)	2	(1)
Forestry	–	7	–
Government, public sector entities, and education	–	(1)	1
Health and social services	2	–	1
Industrial construction and trade contractors	7	1	2
Metals and mining	–	–	–
Pipelines, oil, and gas	25	11	19
Power and utilities	–	–	–
Professional and other services	3	(1)	(21)
Retail sector	2	2	6
Sundry manufacturing and wholesale	–	–	9
Telecommunications, cable, and media	–	–	1
Transportation	2	–	1
Other	2	3	6
Total business and government	40	2	35
Other Loans			
Debt securities classified as loans	–	5	(29)
Acquired credit-impaired loans ³	–	(7)	(12)
Total other loans	–	(2)	(41)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	285	237	231
Provision for Credit Losses – Incurred but not Identified			
Personal, business and government			
Other Loans			
Debt securities classified as loans	–	(4)	–
Total other loans	–	(4)	–
Total Provision for Credit Losses – Incurred but not Identified	62	120	100
Total Provision for Credit Losses	\$ 347	\$ 347	\$ 249
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant as a % of Average Net Loans and Acceptances			
Personal			
Residential mortgages	0.01 %	(0.13) %	0.01 %
Consumer instalment and other personal			
HELOC	0.01	0.40	0.01
Indirect auto	1.27	0.56	0.96
Other	1.16	13.34	1.07
Credit card	3.24	4.83	2.91
Total personal	0.33	1.10	0.30
Business and Government	0.18	0.01	0.04
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	0.30	0.48	0.37
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant Excluding Other Loans	0.30 %	0.49 %	0.47 %
Total Provision for Credit Losses as a % of Average Net Loans and Acceptances			
Total Provision for Credit Losses	0.36 %	0.73 %	0.60 %
Total Provision for Credit Losses Excluding Other Loans	0.36	0.76	0.71

¹ Primarily based on the geographic location of the customer's address.

² Includes provision for off-balance sheet positions.

³ Includes all FDIC covered loans and other ACI loans.

Provision for Credit Losses by Industry Sector and Geographic Location (Continued)^{1,2}

(\$ millions, except as noted)
For the period ended

LINE #	2015 Q3				2015 Q2				2015 Q1			
	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
By Industry Sector												
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant												
Personal												
Residential mortgages	\$ 7	\$ 4	\$ –	\$ 11	\$ 10	\$ 15	\$ –	\$ 25	\$ 3	\$ 4	\$ –	\$ 7
Consumer Instalment and Other Personal												
HELOC	2	32	–	34	2	1	–	3	1	23	–	24
Indirect auto	31	25	–	56	39	20	–	59	38	41	–	79
Other	38	18	–	56	44	14	–	58	23	20	–	43
Credit card	121	62	–	183	130	77	–	207	117	100	–	217
Total personal	199	141	–	340	225	127	–	352	182	188	–	370
Business and Government												
Real estate												
Residential	–	–	–	–	–	(5)	–	(5)	(3)	3	–	–
Non-residential	–	2	–	2	1	4	–	5	–	5	–	5
Total real estate	–	2	–	2	1	(1)	–	–	(3)	8	–	5
Agriculture	–	–	–	–	(1)	–	–	(1)	2	–	–	2
Automotive	–	–	–	–	1	1	–	2	–	2	–	2
Financial	–	1	–	1	–	–	–	–	–	–	–	–
Food, beverage, and tobacco	12	–	–	12	–	3	–	3	–	1	–	1
Forestry	–	–	–	–	–	–	–	–	–	–	–	–
Government, public sector entities, and education	–	–	–	–	–	–	–	–	–	1	–	1
Health and social services	(1)	–	–	(1)	–	(2)	–	(2)	1	3	–	4
Industrial construction and trade contractors	16	–	–	16	2	3	–	5	2	5	–	7
Metals and mining	–	1	–	1	–	(1)	–	(1)	(1)	–	–	(1)
Pipelines, oil, and gas	1	–	–	1	–	–	–	–	1	–	–	1
Power and utilities	–	–	–	–	–	–	–	–	–	–	–	–
Professional and other services	2	3	–	5	1	2	–	3	(1)	4	–	3
Retail sector	2	1	–	3	3	–	–	3	2	6	–	8
Sundry manufacturing and wholesale	2	–	–	2	2	5	–	7	(4)	4	–	–
Telecommunications, cable, and media	–	(1)	–	(1)	–	1	–	1	–	1	–	1
Transportation	1	–	–	1	1	–	–	1	1	–	–	1
Other	3	(2)	–	1	2	7	–	9	3	(4)	–	(1)
Total business and government	38	5	–	43	12	18	–	30	3	31	–	34
Other Loans												
Debt securities classified as loans	–	–	–	–	–	–	–	–	–	2	–	2
Acquired credit-impaired loans ³	–	(7)	–	(7)	–	(10)	–	(10)	–	(7)	–	(7)
Total other loans	–	(7)	–	(7)	–	(10)	–	(10)	–	(5)	–	(5)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	237	139	–	376	237	135	–	372	185	214	–	399
Provision for Credit Losses – Incurred but not Identified												
Personal, business and government												
Other Loans												
Debt securities classified as loans	–	1	–	1	–	(11)	–	(11)	–	(1)	–	(1)
Total other loans	–	1	–	1	–	(11)	–	(11)	–	(1)	–	(1)
Total Provision for Credit Losses – Incurred but not Identified	4	64	(7)	61	2	(1)	2	3	(4)	(35)	2	(37)
Total Provision for Credit Losses	\$ 241	\$ 203	\$ (7)	\$ 437	\$ 239	\$ 134	\$ 2	\$ 375	\$ 181	\$ 179	\$ 2	\$ 362
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant as a % of Average Net Loans and Acceptances												
Personal												
Residential mortgages	0.02 %	0.06 %	– %	0.02 %	0.02 %	0.24 %	– %	0.05 %	0.01 %	0.06 %	– %	0.01 %
Consumer instalment and other personal												
HELOC	0.01	0.99	–	0.18	0.01	0.03	–	0.02	0.01	0.75	–	0.13
Indirect auto	0.69	0.44	–	0.55	0.94	0.39	–	0.63	0.91	0.82	–	0.86
Other	0.91	9.72	–	1.28	1.10	8.16	–	1.39	0.57	11.45	–	1.02
Credit card	2.81	2.96	–	2.86	3.21	3.94	–	3.45	2.70	4.94	–	3.41
Total personal	0.27	0.79	–	0.37	0.32	0.76	–	0.41	0.25	1.14	–	0.42
Business and Government												
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	0.19	0.02	–	0.10	0.06	0.09	–	0.08	0.02	0.17	–	0.09
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant Excluding Other Loans												
	0.26	0.35	–	0.28	0.27	0.36	–	0.29	0.21	0.59	–	0.31
Total Provision for Credit Losses as a % of Average Net Loans and Acceptances												
Total Provision for Credit Losses	0.26 %	0.51 %	(1.13) %	0.33 %	0.27 %	0.36 %	0.27 %	0.30 %	0.20 %	0.50 %	0.28 %	0.29 %
Total Provision for Credit Losses Excluding Other Loans	0.26	0.53	(1.44)	0.33	0.27	0.43	0.35	0.32	0.20	0.53	0.36	0.29

¹ Primarily based on the geographic location of the customer's address.

² Includes provision for off-balance sheet positions.

³ Includes all FDIC covered loans and other ACI loans.

Provision for Credit Losses by Industry Sector and Geographic Location (Continued)^{1,2}

(\$ millions, except as noted)
For the period ended

LINE #	2014 Q4	2014 Q3	2014 Q2
	Canada United States Int'l Total	Canada United States Int'l Total	Canada United States Int'l Total
By Industry Sector			
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant			
Personal			
Residential mortgages	\$ 4 \$ 2 \$ – \$ 6	\$ 4 \$ – \$ – \$ 4	\$ 3 \$ 2 \$ – \$ 5
Consumer Instalment and Other Personal			
HELOC	3 7 – 10	2 9 – 11	2 11 – 13
Indirect auto	38 34 – 72	35 27 – 62	27 34 – 61
Other	42 17 – 59	42 14 – 56	39 13 – 52
Credit card	118 82 – 200	112 75 – 187	110 133 – 243
Total personal	205 142 – 347	195 125 – 320	181 193 – 374
Business and Government			
Real estate			
Residential	– 1 – 1	– (6) – (6)	– (5) – (5)
Non-residential	1 (1) – –	– (6) – (6)	– (5) – (5)
Total real estate	1 – – 1	– (12) – (12)	– (10) – (10)
Agriculture	– – – –	1 – – 1	– – – –
Automotive	– 1 – 1	1 – – 1	– 1 – 1
Financial	– (1) – (1)	– (16) – (16)	1 – – 1
Food, beverage, and tobacco	(3) – – (3)	3 (1) – 2	1 (1) – –
Forestry	– – – –	– – – –	– – – –
Government, public sector entities, and education	– – – –	– (4) – (4)	– 4 – 4
Health and social services	2 (3) – (1)	– 16 – 16	– (2) – (2)
Industrial construction and trade contractors	3 5 – 8	1 (1) – –	3 – – 3
Metals and mining	– 1 – 1	1 – – 1	(1) 1 – –
Pipelines, oil, and gas	– – – –	– – – –	– – – –
Power and utilities	– – – –	– – – –	– – – –
Professional and other services	5 1 – 6	– 2 – 2	23 (1) – 22
Retail sector	1 1 – 2	6 (1) – 5	7 (1) – 6
Sundry manufacturing and wholesale	8 4 – 12	1 – – 1	1 3 – 4
Telecommunications, cable, and media	– – – –	1 – – 1	– – – –
Transportation	2 1 – 3	2 (2) – –	1 (1) – –
Other	– (2) – (2)	1 6 – 7	– 6 – 6
Total business and government	19 8 – 27	18 (13) – 5	36 (1) – 35
Other Loans			
Debt securities classified as loans	– 15 – 15	– 12 – 12	– 3 – 3
Acquired credit-impaired loans ³	– (4) – (4)	– 7 – 7	– (5) – (5)
Total other loans	– 11 – 11	– 19 – 19	– (2) – (2)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	224 161 – 385	213 131 – 344	217 190 – 407
Provision for Credit Losses – Incurred but not Identified			
Personal, business and government			
Other Loans			
Debt securities classified as loans	– (37) – (37)	– (10) – (10)	– (1) – (1)
Total other loans	– (37) – (37)	– (10) – (10)	– (1) – (1)
Total Provision for Credit Losses – Incurred but not Identified	6 (20) – (14)	(2) (3) (1) (6)	2 (17) – (15)
Total Provision for Credit Losses	\$ 230 \$ 141 \$ – \$ 371	\$ 211 \$ 128 \$ (1) \$ 338	\$ 219 \$ 173 \$ – \$ 392
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant as a % of Average Net Loans and Acceptances			
Personal			
Residential mortgages	0.01 % 0.03 % – % 0.01 %	0.01 % – % – % 0.01 %	0.01 % 0.04 % – % 0.01 %
Consumer instalment and other personal			
HELOC	0.02 0.24 – 0.06	0.01 0.32 – 0.06	0.01 0.40 – 0.07
Indirect auto	0.94 0.74 – 0.84	0.91 0.63 – 0.76	0.76 0.82 – 0.79
Other	1.05 10.36 – 1.42	1.10 9.00 – 1.41	1.05 8.80 – 1.35
Credit card	2.67 4.57 – 3.22	2.53 4.36 – 3.04	2.63 7.84 – 4.13
Total personal	0.29 0.94 – 0.40	0.28 0.86 – 0.38	0.27 1.36 – 0.46
Business and Government			
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	0.11 0.05 – 0.08	0.10 (0.08) – 0.02	0.22 (0.01) – 0.11
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant	0.25 0.49 – 0.32	0.25 0.42 – 0.29	0.26 0.64 – 0.36
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant Excluding Other Loans	0.25 % 0.47 % – % 0.31 %	0.25 % 0.37 % – % 0.28 %	0.26 % 0.67 % – % 0.36 %
Total Provision for Credit Losses as a % of Average Net Loans and Acceptances			
Total Provision for Credit Losses	0.26 % 0.43 % – % 0.30 %	0.24 % 0.41 % (0.15) % 0.29 %	0.26 % 0.58 % – % 0.35 %
Total Provision for Credit Losses Excluding Other Loans	0.26 0.52 – 0.33	0.24 0.40 (0.20) 0.28	0.27 0.61 – 0.35

¹ Primarily based on the geographic location of the customer's address.

² Includes provision for off-balance sheet positions.

³ Includes all FDIC covered loans and other ACI loans.

Acquired Credit-Impaired Loans by Geographic Location¹

(\$ millions) For the period ended		LINE #	2016 Q2				2016 Q1				2015 Q4			
			Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
Gross Loans														
Residential mortgages		1	\$ -	\$ 385	\$ -	\$ 385	\$ -	\$ 447	\$ -	\$ 447	\$ -	\$ 442	\$ -	\$ 442
Consumer instalment and other personal														
HELOC		2	-	93	-	93	-	113	-	113	-	115	-	115
Other		3	-	22	-	22	-	29	-	29	-	32	-	32
Credit cards		4	-	(3)	-	(3)	-	(2)	-	(2)	-	-	-	-
Business and government		5	-	581	-	581	-	785	-	785	-	825	-	825
Total Gross Loans		6	\$ -	\$ 1,078	\$ -	\$ 1,078	\$ -	\$ 1,372	\$ -	\$ 1,372	\$ -	\$ 1,414	\$ -	\$ 1,414
Change in Allowance for Credit Losses														
Balance at beginning of period		7	\$ -	\$ 86	\$ -	\$ 86	\$ -	\$ 83	\$ -	\$ 83	\$ -	\$ 92	\$ -	\$ 92
Provision for credit losses – counterparty-specific		8	-	(2)	-	(2)	-	(2)	-	(2)	-	(1)	-	(1)
Provision for credit losses – individually insignificant impaired loans		9	-	(7)	-	(7)	-	(5)	-	(5)	-	(11)	-	(11)
Write-offs ²		10	-	(1)	-	(1)	-	(1)	-	(1)	-	-	-	-
Recoveries		11	-	6	-	6	-	7	-	7	-	3	-	3
Foreign exchange and other adjustments		12	-	(11)	-	(11)	-	4	-	4	-	-	-	-
Balance at end of period		13	\$ -	\$ 71	\$ -	\$ 71	\$ -	\$ 86	\$ -	\$ 86	\$ -	\$ 83	\$ -	\$ 83
Allowance for Credit Losses														
Residential mortgages		14	\$ -	\$ 20	\$ -	\$ 20	\$ -	\$ 23	\$ -	\$ 23	\$ -	\$ 23	\$ -	\$ 23
Consumer instalment and other personal														
HELOC		15	-	5	-	5	-	5	-	5	-	5	-	5
Other		16	-	5	-	5	-	5	-	5	-	5	-	5
Business and government		17	-	41	-	41	-	53	-	53	-	50	-	50
Total Allowance for Credit Losses		18	\$ -	\$ 71	\$ -	\$ 71	\$ -	\$ 86	\$ -	\$ 86	\$ -	\$ 83	\$ -	\$ 83
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant³														
Provision for credit losses – counterparty-specific		19	\$ -	\$ (2)	\$ -	\$ (2)	\$ -	\$ (2)	\$ -	\$ (2)	\$ -	\$ (1)	\$ -	\$ (1)
Provision for credit losses – individually insignificant		20	-	(7)	-	(7)	-	(5)	-	(5)	-	(11)	-	(11)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant		21	\$ -	\$ (9)	\$ -	\$ (9)	\$ -	\$ (7)	\$ -	\$ (7)	\$ -	\$ (12)	\$ -	\$ (12)
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant														
Residential mortgages		22	\$ -	\$ (1)	\$ -	\$ (1)	\$ -	\$ (2)	\$ -	\$ (2)	\$ -	\$ (2)	\$ -	\$ (2)
Consumer instalment and other personal														
HELOC		23	-	-	-	-	-	-	-	-	-	-	-	-
Other		24	-	-	-	-	-	(1)	-	(1)	-	-	-	-
Business and government		25	-	(8)	-	(8)	-	(4)	-	(4)	-	(10)	-	(10)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant		26	\$ -	\$ (9)	\$ -	\$ (9)	\$ -	\$ (7)	\$ -	\$ (7)	\$ -	\$ (12)	\$ -	\$ (12)

¹ Primarily based on the geographic location of the customer's address.

² Excludes write-offs for which a credit mark was established on acquisition date.

³ PCL reflects loss sharing agreements with the FDIC, and is presented net of the amount expected to be reimbursed by the FDIC.

Acquired Credit-Impaired Loans by Geographic Location (Continued)¹

(\$ millions) For the period ended		LINE #	2015 Q3				2015 Q2				2015 Q1			
			Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
Gross Loans														
Residential mortgages		1	\$ —	\$ 462	\$ —	\$ 462	\$ —	\$ 449	\$ —	\$ 449	\$ —	\$ 492	\$ —	\$ 492
Consumer instalment and other personal														
HELOC		2	—	125	—	125	—	124	—	124	—	139	—	139
Other		3	—	38	—	38	—	39	—	39	—	47	—	47
Credit cards		4	—	—	—	—	—	—	—	—	—	—	—	—
Business and government		5	—	895	—	895	—	914	—	914	—	1,085	—	1,085
Total Gross Loans		6	\$ —	\$ 1,520	\$ —	\$ 1,520	\$ —	\$ 1,526	\$ —	\$ 1,526	\$ —	\$ 1,763	\$ —	\$ 1,763
Change in Allowance for Credit Losses														
Balance at beginning of period		7	\$ —	\$ 93	\$ —	\$ 93	\$ —	\$ 105	\$ —	\$ 105	\$ —	\$ 97	\$ —	\$ 97
Provision for credit losses – counterparty-specific		8	—	(1)	—	(1)	—	(2)	—	(2)	—	(2)	—	(2)
Provision for credit losses – individually insignificant impaired loans		9	—	(6)	—	(6)	—	(8)	—	(8)	—	(5)	—	(5)
Write-offs ²		10	—	(3)	—	(3)	—	(2)	—	(2)	—	(1)	—	(1)
Recoveries		11	—	2	—	2	—	8	—	8	—	6	—	6
Foreign exchange and other adjustments		12	—	7	—	7	—	(8)	—	(8)	—	10	—	10
Balance at end of period		13	\$ —	\$ 92	\$ —	\$ 92	\$ —	\$ 93	\$ —	\$ 93	\$ —	\$ 105	\$ —	\$ 105
Allowance for Credit Losses														
Residential mortgages		14	\$ —	\$ 25	\$ —	\$ 25	\$ —	\$ 26	\$ —	\$ 26	\$ —	\$ 29	\$ —	\$ 29
Consumer instalment and other personal														
HELOC		15	—	6	—	6	—	5	—	5	—	7	—	7
Other		16	—	4	—	4	—	5	—	5	—	5	—	5
Business and government		17	—	57	—	57	—	57	—	57	—	64	—	64
Total Allowance for Credit Losses		18	\$ —	\$ 92	\$ —	\$ 92	\$ —	\$ 93	\$ —	\$ 93	\$ —	\$ 105	\$ —	\$ 105
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant³														
Provision for credit losses – counterparty-specific		19	\$ —	\$ (1)	\$ —	\$ (1)	\$ —	\$ (2)	\$ —	\$ (2)	\$ —	\$ (2)	\$ —	\$ (2)
Provision for credit losses – individually insignificant		20	—	(6)	—	(6)	—	(8)	—	(8)	—	(5)	—	(5)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant		21	\$ —	\$ (7)	\$ —	\$ (7)	\$ —	\$ (10)	\$ —	\$ (10)	\$ —	\$ (7)	\$ —	\$ (7)
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant														
Residential mortgages		22	\$ —	\$ (3)	\$ —	\$ (3)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ (2)	\$ —	\$ (2)
Consumer instalment and other personal														
HELOC		23	—	—	—	—	—	(1)	—	(1)	—	—	—	—
Other		24	—	—	—	—	—	—	—	—	—	—	—	—
Business and government		25	—	(4)	—	(4)	—	(9)	—	(9)	—	(5)	—	(5)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant		26	\$ —	\$ (7)	\$ —	\$ (7)	\$ —	\$ (10)	\$ —	\$ (10)	\$ —	\$ (7)	\$ —	\$ (7)

¹ Primarily based on the geographic location of the customer's address.

² Excludes write-offs for which a credit mark was established on acquisition date.

³ PCL reflects loss sharing agreements with the FDIC, and is presented net of the amount expected to be reimbursed by the FDIC.

Acquired Credit-Impaired Loans by Geographic Location (Continued)¹

(\$ millions) For the period ended		LINE #	2014 Q4				2014 Q3				2014 Q2			
			Canada	United States	Int'l	Total	Canada	United States	Int'l	Total	Canada	United States	Int'l	Total
Gross Loans														
Residential mortgages		1	\$ —	\$ 452	\$ —	\$ 452	\$ —	\$ 455	\$ —	\$ 455	\$ —	\$ 473	\$ —	\$ 473
Consumer instalment and other personal														
HELOC		2	—	135	—	135	—	141	—	141	—	150	—	150
Other		3	—	46	—	46	3	55	—	58	6	66	—	72
Credit cards		4	6	—	—	6	11	1	—	12	15	—	—	15
Business and government		5	—	1,074	—	1,074	—	1,163	—	1,163	—	1,341	—	1,341
Total Gross Loans		6	\$ 6	\$ 1,707	\$ —	\$ 1,713	\$ 14	\$ 1,815	\$ —	\$ 1,829	\$ 21	\$ 2,030	\$ —	\$ 2,051
Change in Allowance for Credit Losses														
Balance at beginning of period		7	\$ —	\$ 102	\$ —	\$ 102	\$ —	\$ 99	\$ —	\$ 99	\$ —	\$ 110	\$ —	\$ 110
Provision for credit losses – counterparty-specific		8	—	(4)	—	(4)	—	1	—	1	—	—	—	—
Provision for credit losses – individually insignificant impaired loans		9	—	—	—	—	—	6	—	6	—	(5)	—	(5)
Write-offs ²		10	—	(4)	—	(4)	—	(2)	—	(2)	—	(2)	—	(2)
Recoveries		11	—	3	—	3	—	1	—	1	—	3	—	3
Foreign exchange and other adjustments		12	—	—	—	—	—	(3)	—	(3)	—	(7)	—	(7)
Balance at end of period		13	\$ —	\$ 97	\$ —	\$ 97	\$ —	\$ 102	\$ —	\$ 102	\$ —	\$ 99	\$ —	\$ 99
Allowance for Credit Losses														
Residential mortgages		14	\$ —	\$ 27	\$ —	\$ 27	\$ —	\$ 26	\$ —	\$ 26	\$ —	\$ 27	\$ —	\$ 27
Consumer instalment and other personal														
HELOC		15	—	5	—	5	—	7	—	7	—	6	—	6
Other		16	—	5	—	5	—	4	—	4	—	5	—	5
Business and government		17	—	60	—	60	—	65	—	65	—	61	—	61
Total Allowance for Credit Losses		18	\$ —	\$ 97	\$ —	\$ 97	\$ —	\$ 102	\$ —	\$ 102	\$ —	\$ 99	\$ —	\$ 99
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant³														
Provision for credit losses – counterparty-specific		19	\$ —	\$ (4)	\$ —	\$ (4)	\$ —	\$ 1	\$ —	\$ 1	\$ —	\$ —	\$ —	\$ —
Provision for credit losses – individually insignificant		20	—	—	—	—	—	6	—	6	—	(5)	—	(5)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant		21	\$ —	\$ (4)	\$ —	\$ (4)	\$ —	\$ 7	\$ —	\$ 7	\$ —	\$ (5)	\$ —	\$ (5)
Provision for Credit Losses – Counterparty-Specific and Individually Insignificant														
Residential mortgages		22	\$ —	\$ (1)	\$ —	\$ (1)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Consumer instalment and other personal														
HELOC		23	—	(1)	—	(1)	—	1	—	1	—	—	—	—
Other		24	—	(1)	—	(1)	—	—	—	—	—	—	—	—
Business and government		25	—	(1)	—	(1)	—	6	—	6	—	(5)	—	(5)
Total Provision for Credit Losses – Counterparty-Specific and Individually Insignificant		26	\$ —	\$ (4)	\$ —	\$ (4)	\$ —	\$ 7	\$ —	\$ 7	\$ —	\$ (5)	\$ —	\$ (5)

¹ Primarily based on the geographic location of the customer's address.

² Excludes write-offs for which a credit mark was established on acquisition date.

³ PCL reflects loss sharing agreements with the FDIC, and is presented net of the amount expected to be reimbursed by the FDIC.

Analysis of Change in Equity

(\$ millions, except as noted)
For the period ended

(\$ millions, except as noted) For the period ended		LINE #	2016		2015		2014			Year to Date		Full Year			
			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Common Shares															
Balance at beginning of period	1	\$	20,395	\$ 20,294	\$ 20,180	\$ 20,076	\$ 19,948	\$ 19,811	\$ 19,705	\$ 19,593	\$ 19,452	\$ 20,294	\$ 19,811	\$ 19,811	\$ 19,316
Issued															
Options	2		20	124	32	7	47	42	24	61	67	144	89	128	199
Dividend reinvestment plan	3		84	81	82	97	81	95	82	94	74	165	176	355	339
Purchase of shares for cancellation	4		—	(104)	—	—	—	—	—	(43)	—	(104)	—	—	(43)
Balance at end of period	5		20,499	20,395	20,294	20,180	20,076	19,948	19,811	19,705	19,593	20,499	20,076	20,294	19,811
Preferred Shares															
Balance at beginning of period	6		3,400	2,700	2,700	2,800	2,700	2,200	2,625	2,250	2,925	2,700	2,200	2,200	3,395
Issue of shares	7		—	700	—	150	550	500	—	1,000	—	700	1,050	1,200	1,000
Redemption of shares	8		—	—	—	(250)	(450)	—	(425)	(625)	(675)	—	(450)	(700)	(2,195)
Balance at end of period	9		3,400	3,400	2,700	2,700	2,800	2,700	2,200	2,625	2,250	3,400	2,800	2,700	2,200
Treasury Shares – Common															
Balance at beginning of period	10		(51)	(49)	(17)	(11)	(179)	(54)	(92)	(120)	(153)	(49)	(54)	(54)	(145)
Purchase of shares	11		(1,405)	(1,614)	(1,146)	(1,475)	(1,485)	(1,163)	(1,122)	(1,044)	(912)	(3,019)	(2,648)	(5,269)	(4,197)
Sale of shares	12		1,452	1,612	1,114	1,469	1,653	1,038	1,160	1,072	945	3,064	2,691	5,274	4,288
Balance at end of period	13		(4)	(51)	(49)	(17)	(11)	(179)	(54)	(92)	(120)	(4)	(11)	(49)	(54)
Treasury Shares – Preferred															
Balance at beginning of period	14		(4)	(3)	(4)	(14)	(3)	(1)	(2)	(1)	(3)	(3)	(1)	(1)	(2)
Purchase of shares	15		(17)	(17)	(9)	(85)	(118)	(32)	(43)	(58)	(34)	(34)	(150)	(244)	(154)
Sale of shares	16		17	16	10	95	107	30	44	57	36	33	137	242	155
Balance at end of period	17		(4)	(4)	(3)	(4)	(14)	(3)	(1)	(2)	(1)	(4)	(14)	(3)	(1)
Contributed Surplus															
Balance at beginning of period	18		198	214	226	226	214	205	184	173	163	214	205	205	170
Net premium (discount) on treasury shares	19		1	5	(4)	(1)	17	13	19	14	12	6	30	25	48
Stock options expensed	20		1	(1)	4	4	6	6	6	5	7	—	12	20	26
Stock options exercised	21		(7)	(21)	(5)	(1)	(8)	(6)	(3)	(9)	(10)	(28)	(14)	(20)	(31)
Other	22		(4)	1	(7)	(2)	(3)	(4)	(1)	1	1	(3)	(7)	(16)	(8)
Balance at end of period	23		189	198	214	226	226	214	205	184	173	189	226	214	205
Retained Earnings															
Balance at beginning of period	24		32,585	32,053	30,764	29,362	28,373	27,585	26,970	26,134	25,108	32,053	27,585	27,585	23,982
Net income	25		2,024	2,194	1,810	2,238	1,831	2,033	1,719	2,080	1,962	4,218	3,864	7,912	7,776
Dividends															
Common	26		(1,017)	(946)	(945)	(945)	(943)	(867)	(866)	(864)	(865)	(1,963)	(1,810)	(3,700)	(3,384)
Preferred	27		(37)	(25)	(26)	(25)	(24)	(24)	(32)	(25)	(40)	(62)	(48)	(99)	(143)
Share issue expenses and others	28		—	(6)	—	(2)	(7)	(19)	—	(11)	—	(6)	(26)	(28)	(11)
Net premium on repurchase of common shares	29		—	(383)	—	—	—	—	—	(177)	—	(383)	—	—	(177)
Net premium on redemption of preferred shares	30		—	—	—	(6)	(11)	—	—	—	—	—	(11)	(17)	—
Actuarial gains (losses) on employee benefit plans	31		(113)	(302)	450	142	143	(335)	(206)	(167)	(31)	(415)	(192)	400	(458)
Balance at end of period	32		33,442	32,585	32,053	30,764	29,362	28,373	27,585	26,970	26,134	33,442	29,362	32,053	27,585
Accumulated Other Comprehensive Income (loss)															
Balance at beginning of period	33		13,467	10,209	10,477	7,569	9,956	4,936	3,834	4,206	4,874	10,209	4,936	4,936	3,159
Net change in unrealized gains (losses) on AFS securities	34		230	(245)	(424)	(147)	(55)	69	(48)	1	23	(15)	14	(557)	(94)
Net change in unrealized foreign currency translation gains (losses) on investment in subsidiaries, net of hedging activities	35		(4,535)	2,934	(19)	3,097	(1,925)	4,173	1,036	(154)	(482)	(1,601)	2,248	5,326	2,307
Net change in gains (losses) on derivatives designated as cash flow hedges	36		(473)	569	175	(42)	(407)	778	114	(219)	(209)	96	371	504	(436)
Balance at end of period	37		8,689	13,467	10,209	10,477	7,569	9,956	4,936	3,834	4,206	8,689	7,569	10,209	4,936
Non-Controlling Interests in Subsidiaries															
Balance at beginning of period	38		1,612	1,684	1,610	1,639	1,589	1,620	1,549	1,531	1,589	1,612	1,589	1,610	1,549
Total Equity															
	39	\$	67,823	\$ 71,674	\$ 67,028	\$ 65,965	\$ 61,597	\$ 62,629	\$ 56,231	\$ 54,755	\$ 53,769	\$ 67,823	\$ 61,597	\$ 67,028	\$ 56,231
NUMBER OF COMMON SHARES OUTSTANDING (thousands) ¹															
Balance at beginning of period	40		1,850,269	1,855,145	1,853,596	1,851,560	1,845,511	1,844,631	1,841,558	1,841,739	1,837,674	1,855,145	1,844,631	1,844,631	1,834,957
Issued															
Options	41		923	3,043	755	210	1,255	1,068	526	1,505	1,814	3,966	2,323	3,288	4,975
Dividend reinvestment plan	42		1,508	1,585	1,507	1,868	1,446	1,840	1,504	1,668	1,433	3,093	3,286	6,661	6,428
Purchase of shares for cancellation	43		—	(9,500)	—	—	—	—	—	(4,059)	—	(9,500)	—	—	(4,059)
Impact of treasury shares	44		809	(4)	(713)	(42)	3,348	(2,028)	1,043	705	818	805	1,320	565	2,330
Balance at end of period	45		1,853,509	1,850,269	1,855,145	1,853,596	1,851,560	1,845,511	1,844,631	1,841,558	1,841,739	1,853,509	1,851,560	1,855,145	1,844,631

¹ The number of treasury common shares has been netted for the purpose of arriving at the total number of common shares considered for the calculation of EPS of the Bank.

Change in Accumulated Other Comprehensive Income, Net of Income Taxes

(\$ millions)		LINE #	2016		2015				2014			Year to Date		Full Year	
For the period ended			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Unrealized Gains (Losses) on Available-for-Sale Securities															
Balance at beginning of period	1	\$ (164)	\$ 81	\$ 505	\$ 652	\$ 707	\$ 638	\$ 686	\$ 685	\$ 662	\$ 81	\$ 638	\$ 638	\$ 732	
Change in unrealized gains (losses)	2	265	(263)	(384)	(143)	(27)	90	(26)	29	76	2	63	(464)	69	
Reclassification to earnings of losses (gains)	3	(35)	18	(40)	(4)	(28)	(21)	(22)	(28)	(53)	(17)	(49)	(93)	(163)	
Net change for the period	4	230	(245)	(424)	(147)	(55)	69	(48)	1	23	(15)	14	(557)	(94)	
Balance at end of period	5	66	(164)	81	505	652	707	638	686	685	66	652	81	638	
Unrealized Foreign Currency Translation Gains (Losses)															
on Investments in Foreign Operations, Net of Hedging Activities															
Balance at beginning of period	6	11,289	8,355	8,374	5,277	7,202	3,029	1,993	2,147	2,629	8,355	3,029	3,029	722	
Investment in foreign operations	7	(6,670)	4,053	(55)	4,734	(2,878)	6,289	1,568	(247)	(730)	(2,617)	3,411	8,090	3,697	
Hedging activities	8	2,900	(1,521)	47	(2,219)	1,295	(2,871)	(717)	126	339	1,379	(1,576)	(3,748)	(1,878)	
Recovery of (provision for) income taxes	9	(765)	402	(11)	582	(342)	755	185	(33)	(91)	(363)	413	984	488	
Net change for the period	10	(4,535)	2,934	(19)	3,097	(1,925)	4,173	1,036	(154)	(482)	(1,601)	2,248	5,326	2,307	
Balance at end of period	11	6,754	11,289	8,355	8,374	5,277	7,202	3,029	1,993	2,147	6,754	5,277	8,355	3,029	
Gains (losses) on Derivatives Designated as Cash Flow Hedges															
Balance at beginning of period	12	2,342	1,773	1,598	1,640	2,047	1,269	1,155	1,374	1,583	1,773	1,269	1,269	1,705	
Change in gains (losses)	13	(3,140)	1,929	(65)	1,929	(643)	3,584	1,355	274	(331)	(1,211)	2,941	4,805	2,439	
Reclassification to earnings of losses (gains)	14	2,667	(1,360)	240	(1,971)	236	(2,806)	(1,241)	(493)	122	1,307	(2,570)	(4,301)	(2,875)	
Net change for the period	15	(473)	569	175	(42)	(407)	778	114	(219)	(209)	96	371	504	(436)	
Balance at end of period	16	1,869	2,342	1,773	1,598	1,640	2,047	1,269	1,155	1,374	1,869	1,640	1,773	1,269	
Accumulated Other Comprehensive Income at End of Period	17	\$ 8,689	\$ 13,467	\$ 10,209	\$ 10,477	\$ 7,569	\$ 9,956	\$ 4,936	\$ 3,834	\$ 4,206	\$ 8,689	\$ 7,569	\$ 10,209	\$ 4,936	

Analysis of Change in Non-Controlling Interests in Subsidiaries and Investment in TD Ameritrade

(\$ millions)		2016		2015				2014			Year to Date		Full Year	
For the period ended		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
NON-CONTROLLING INTERESTS														
IN SUBSIDIARIES														
Balance at beginning of period	1	\$ 1,684	\$ 1,610	\$ 1,639	\$ 1,589	\$ 1,620	\$ 1,549	\$ 1,531	\$ 1,534	\$ 1,543	\$ 1,610	\$ 1,549	\$ 1,549	\$ 1,508
On account of income	2	28	29	29	28	28	27	27	27	26	57	55	112	107
Foreign exchange and other adjustments	3	(100)	45	(58)	22	(59)	44	(9)	(30)	(35)	(55)	(15)	(51)	(66)
Balance at end of period	4	\$ 1,612	\$ 1,684	\$ 1,610	\$ 1,639	\$ 1,589	\$ 1,620	\$ 1,549	\$ 1,531	\$ 1,534	\$ 1,612	\$ 1,589	\$ 1,610	\$ 1,549
INVESTMENT IN TD AMERITRADE														
Balance at beginning of period	5	\$ 7,220	\$ 6,683	\$ 6,577	\$ 6,017	\$ 6,335	\$ 5,569	\$ 5,332	\$ 5,316	\$ 5,451	\$ 6,683	\$ 5,569	\$ 5,569	\$ 5,300
Increase (decrease) in reported investment through direct ownership	6	-	-	-	-	-	-	-	-	(95)	-	-	-	(221)
Decrease in reported investment through dividends received	7	(101)	(50)	-	(43)	(83)	(38)	(28)	(30)	(30)	(151)	(121)	(164)	(239)
Equity in net income, net of income taxes	8	109	109	108	91	88	90	86	77	80	218	178	377	320
Foreign exchange and other adjustments	9	(755)	478	(2)	512	(323)	714	179	(31)	(90)	(277)	391	901	409
Balance at end of period	10	\$ 6,473	\$ 7,220	\$ 6,683	\$ 6,577	\$ 6,017	\$ 6,335	\$ 5,569	\$ 5,332	\$ 5,316	\$ 6,473	\$ 6,017	\$ 6,683	\$ 5,569

Derivatives – Notional

(\$ billions)
As at

LINE #		2016 Q2						2016 Q1					
		Trading						Trading					
		Over-the-counter ¹						Over-the-counter ¹					
		Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total	Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total
Interest Rate Contracts													
Futures	1	\$ –	\$ –	\$ 298	\$ 298	\$ –	\$ 298	\$ –	\$ –	\$ 424	\$ 424	\$ –	\$ 424
Forward rate agreements	2	360	74	–	434	–	434	308	68	–	376	–	376
Swaps	3	3,165	552	–	3,717	1,026	4,743	3,278	603	–	3,881	1,149	5,030
Options written	4	–	12	12	24	–	24	–	17	13	30	–	30
Options purchased	5	–	11	20	31	2	33	–	17	16	33	1	34
	6	3,525	649	330	4,504	1,028	5,532	3,586	705	453	4,744	1,150	5,894
Foreign Exchange Contracts													
Futures	7	–	–	–	–	–	–	–	–	–	–	–	–
Forward contracts	8	–	796	–	796	36	832	–	872	–	872	52	924
Swaps	9	–	–	–	–	–	–	–	–	–	–	–	–
Cross-currency interest rate swaps	10	–	511	–	511	84	595	–	523	–	523	81	604
Options written	11	–	25	–	25	–	25	–	28	–	28	–	28
Options purchased	12	–	26	–	26	–	26	–	26	–	26	–	26
	13	–	1,358	–	1,358	120	1,478	–	1,449	–	1,449	133	1,582
Credit Derivative Contracts													
Credit default swaps													
Protection purchased	14	1	2	–	3	5	8	1	2	–	3	6	9
Protection sold	15	1	–	–	1	–	1	1	–	–	1	–	1
	16	2	2	–	4	5	9	2	2	–	4	6	10
Other Contracts													
Equity contracts	17	–	33	34	67	35	102	–	38	47	85	35	120
Commodity contracts	18	–	9	25	34	–	34	–	9	14	23	–	23
	19	–	42	59	101	35	136	–	47	61	108	35	143
Total	20	\$ 3,527	\$ 2,051	\$ 389	\$ 5,967	\$ 1,188	\$ 7,155	\$ 3,588	\$ 2,203	\$ 514	\$ 6,305	\$ 1,324	\$ 7,629
		2015 Q4						2015 Q3					
		Over-the-counter ¹						Over-the-counter ¹					
		Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total	Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total
Interest Rate Contracts													
Futures	21	\$ –	\$ –	\$ 261	\$ 261	\$ –	\$ 261	\$ –	\$ –	\$ 447	\$ 447	\$ –	\$ 447
Forward rate agreements	22	329	44	–	373	–	373	362	41	–	403	–	403
Swaps	23	2,939	581	–	3,520	1,116	4,636	2,859	589	–	3,448	997	4,445
Options written	24	–	20	9	29	–	29	–	19	19	38	–	38
Options purchased	25	–	17	15	32	2	34	–	17	24	41	3	44
	26	3,268	662	285	4,215	1,118	5,333	3,221	666	490	4,377	1,000	5,377
Foreign Exchange Contracts													
Futures	27	–	–	–	–	–	–	–	–	–	–	–	–
Forward contracts	28	–	665	–	665	49	714	–	614	–	614	44	658
Swaps	29	–	–	–	–	–	–	–	–	–	–	–	–
Cross-currency interest rate swaps	30	–	472	–	472	77	549	–	474	–	474	71	545
Options written	31	–	24	–	24	–	24	–	23	–	23	–	23
Options purchased	32	–	23	–	23	–	23	–	22	–	22	–	22
	33	–	1,184	–	1,184	126	1,310	–	1,133	–	1,133	115	1,248
Credit Derivative Contracts													
Credit default swaps													
Protection purchased	34	1	2	–	3	6	9	–	2	–	2	6	8
Protection sold	35	–	1	–	1	–	1	–	1	–	1	–	1
	36	1	3	–	4	6	10	–	3	–	3	6	9
Other Contracts													
Equity contracts	37	–	34	43	77	36	113	–	33	52	85	36	121
Commodity contracts	38	–	9	16	25	–	25	1	9	15	25	–	25
	39	–	43	59	102	36	138	1	42	67	110	36	146
Total	40	\$ 3,269	\$ 1,892	\$ 344	\$ 5,505	\$ 1,286	\$ 6,791	\$ 3,222	\$ 1,844	\$ 557	\$ 5,623	\$ 1,157	\$ 6,780

¹ Collateral held under a Credit Support Annex (CSA) to help reduce counterparty credit risk is in the form of high quality and liquid assets such as cash and high quality government securities. Acceptable collateral is governed by the Collateralized Trading Policy.

² Derivatives executed through a central clearing house reduces settlement risk due to the ability to net settle offsetting positions for capital purposes and therefore receive preferential capital treatment compared to those settled with non-central clearing house counterparties.

Derivatives – Notional (Continued)

(\$ billions)
As at

	LINE #	2015 Q2						2015 Q1					
		Trading						Trading					
		Over-the-counter ¹						Over-the-counter ¹					
		Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total	Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total
Interest Rate Contracts													
Futures	1	\$ —	\$ —	\$ 400	\$ 400	\$ —	\$ 400	\$ —	\$ —	\$ 503	\$ 503	\$ —	\$ 503
Forward rate agreements	2	299	35	—	334	—	334	297	41	—	338	—	338
Swaps	3	2,606	588	—	3,194	871	4,065	3,119	690	—	3,809	871	4,680
Options written	4	—	23	59	82	—	82	—	25	14	39	—	39
Options purchased	5	—	25	39	64	2	66	—	25	12	37	1	38
	6	2,905	671	498	4,074	873	4,947	3,416	781	529	4,726	872	5,598
Foreign Exchange Contracts													
Futures	7	—	—	—	—	—	—	—	—	—	—	—	—
Forward contracts	8	—	617	—	617	44	661	—	550	—	550	46	596
Swaps	9	—	—	—	—	—	—	—	—	—	—	1	1
Cross-currency interest rate swaps	10	—	452	—	452	80	532	—	470	—	470	67	537
Options written	11	—	24	—	24	—	24	—	26	—	26	—	26
Options purchased	12	—	24	—	24	—	24	—	24	—	24	—	24
	13	—	1,117	—	1,117	124	1,241	—	1,070	—	1,070	114	1,184
Credit Derivative Contracts													
Credit default swaps													
Protection purchased	14	—	5	—	5	5	10	—	2	—	2	8	10
Protection sold	15	—	1	—	1	—	1	—	1	—	1	—	1
	16	—	6	—	6	5	11	—	3	—	3	8	11
Other Contracts													
Equity contracts	17	—	34	35	69	35	104	—	39	33	72	33	105
Commodity contracts	18	—	8	16	24	—	24	1	9	16	26	—	26
	19	—	42	51	93	35	128	1	48	49	98	33	131
Total	20	\$ 2,905	\$ 1,836	\$ 549	\$ 5,290	\$ 1,037	\$ 6,327	\$ 3,417	\$ 1,902	\$ 578	\$ 5,897	\$ 1,027	\$ 6,924
		2014 Q4						2014 Q3					
		Trading						Trading					
		Over-the-counter ¹						Over-the-counter ¹					
		Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total	Clearing house ²	Non-clearing house	Exchange-traded	Total	Non-trading	Total
Interest Rate Contracts													
Futures	21	\$ —	\$ —	\$ 263	\$ 263	\$ —	\$ 263	\$ —	\$ —	\$ 323	\$ 323	\$ —	\$ 323
Forward rate agreements	22	244	39	—	283	—	283	213	44	—	257	—	257
Swaps	23	2,848	706	—	3,554	702	4,256	2,653	748	—	3,401	587	3,988
Options written	24	—	25	12	37	—	37	—	25	13	38	—	38
Options purchased	25	—	24	16	40	2	42	—	21	15	36	4	40
	26	3,092	794	291	4,177	704	4,881	2,866	838	351	4,055	591	4,646
Foreign Exchange Contracts													
Futures	27	—	—	—	—	—	—	—	—	—	—	—	—
Forward contracts	28	—	508	—	508	41	549	—	418	—	418	45	463
Swaps	29	—	—	—	—	1	1	—	—	—	—	1	1
Cross-currency interest rate swaps	30	—	444	—	444	51	495	—	443	—	443	43	486
Options written	31	—	19	—	19	—	19	—	15	—	15	—	15
Options purchased	32	—	19	—	19	—	19	—	14	—	14	—	14
	33	—	990	—	990	93	1,083	—	890	—	890	89	979
Credit Derivative Contracts													
Credit default swaps													
Protection purchased	34	1	1	—	2	5	7	1	1	—	2	5	7
Protection sold	35	—	1	—	1	—	1	—	1	—	1	—	1
	36	1	2	—	3	5	8	1	2	—	3	5	8
Other Contracts													
Equity contracts	37	—	41	34	75	33	108	—	41	34	75	32	107
Commodity contracts	38	1	9	20	30	—	30	1	9	20	30	—	30
	39	1	50	54	105	33	138	1	50	54	105	32	137
Total	40	\$ 3,094	\$ 1,836	\$ 345	\$ 5,275	\$ 835	\$ 6,110	\$ 2,868	\$ 1,780	\$ 405	\$ 5,053	\$ 717	\$ 5,770

¹ Collateral held under a CSA to help reduce counterparty credit risk is in the form of high quality and liquid assets such as cash and high quality government securities. Acceptable collateral is governed by the Collateralized Trading Policy.

² Derivatives executed through a central clearing house reduces settlement risk due to the ability to net settle offsetting positions. The Bank also receives preferential capital treatment relative to those settled with non-central clearing house counterparties.

Derivatives – Credit Exposure

(\$ millions) As at			2016 Q2			2016 Q1			2015 Q4		
LINE #											
			Current replacement cost ¹	Credit equivalent amount	Risk-weighted amount	Current replacement cost ¹	Credit equivalent amount	Risk-weighted amount	Current replacement cost ¹	Credit equivalent amount	Risk-weighted amount
Interest Rate Contracts											
Forward rate agreements	1	\$	76	\$ 166	\$ 45	\$ 77	\$ 173	\$ 66	\$ 26	\$ 67	\$ 21
Swaps	2		21,548	26,093	12,347	24,231	29,260	14,807	21,908	26,915	13,869
Options purchased	3		517	594	294	607	695	366	638	727	359
	4		22,141	26,853	12,686	24,915	30,128	15,239	22,572	27,709	14,249
Foreign Exchange Contracts											
Forward contracts	5		16,375	26,254	4,619	16,749	27,709	5,834	11,976	20,750	4,866
Swaps	6		—	—	—	—	—	—	—	—	—
Cross-currency interest rate swaps	7		24,612	40,756	9,062	32,460	48,860	11,463	26,148	52,070	16,645
Options purchased	8		475	803	195	493	823	212	404	688	166
	9		41,462	67,813	13,876	49,702	77,392	17,509	38,528	73,508	21,677
Other Contracts											
Credit derivatives	10		13	306	116	32	346	144	17	287	118
Equity contracts	11		911	3,887	881	1,530	4,850	1,064	1,079	4,185	954
Commodity contracts	12		602	1,392	433	629	1,427	362	582	1,431	365
	13		1,526	5,585	1,430	2,191	6,623	1,570	1,678	5,903	1,437
Total	14		65,129	100,251	27,992	76,808	114,143	34,318	62,778	107,120	37,363
Less: impact of master netting agreements	15		45,598	60,811	19,836	50,108	65,412	23,914	39,962	58,659	24,957
Total after netting	16		19,531	39,440	8,156	26,700	48,731	10,404	22,816	48,461	12,406
Less: impact of collateral	17		7,880	8,205	2,173	12,612	13,090	3,202	11,820	12,173	3,649
Net	18		11,651	31,235	5,983	14,088	35,641	7,202	10,996	36,288	8,757
Qualifying Central Counterparty (QCCP) contracts ²	19		2,894	15,506	2,628	3,371	16,461	1,985	1,937	14,735	2,070
Total	20	\$	14,545	\$ 46,741	\$ 8,611	\$ 17,459	\$ 52,102	\$ 9,187	\$ 12,933	\$ 51,023	\$ 10,827
			2015 Q3			2015 Q2			2015 Q1		
			Current replacement cost ¹	Credit equivalent amount	Risk-weighted amount	Current replacement cost ¹	Credit equivalent amount	Risk-weighted amount	Current replacement cost ¹	Credit equivalent amount	Risk-weighted amount
Interest Rate Contracts											
Forward rate agreements	21	\$	33	\$ 85	\$ 31	\$ 25	\$ 75	\$ 32	\$ 30	\$ 77	\$ 28
Swaps	22		21,914	27,179	14,174	22,777	28,114	14,875	29,043	34,900	19,158
Options purchased	23		633	734	377	820	921	430	1,071	1,162	554
	24		22,580	27,998	14,582	23,622	29,110	15,337	30,144	36,139	19,740
Foreign Exchange Contracts											
Forward contracts	25		17,177	25,825	5,883	13,337	21,894	5,043	22,555	30,479	6,687
Swaps	26		—	—	—	—	—	—	—	—	—
Cross-currency interest rate swaps	27		27,839	54,302	18,342	20,810	46,149	16,343	30,669	55,863	20,781
Options purchased	28		486	723	179	486	744	185	988	1,248	278
	29		45,502	80,850	24,404	34,633	68,787	21,571	54,212	87,590	27,746
Other Contracts											
Credit derivatives	30		6	244	99	6	204	82	6	382	203
Equity contracts	31		1,102	4,234	1,001	1,292	4,665	1,156	1,733	5,426	1,455
Commodity contracts	32		520	1,306	357	425	1,174	265	595	1,442	444
	33		1,628	5,784	1,457	1,723	6,043	1,503	2,334	7,250	2,102
Total	34		69,710	114,632	40,443	59,978	103,940	38,411	86,690	130,979	49,588
Less: impact of master netting agreements	35		45,354	64,765	27,804	42,824	62,677	26,871	60,179	80,164	34,938
Total after netting	36		24,356	49,867	12,639	17,154	41,263	11,540	26,511	50,815	14,650
Less: impact of collateral	37		11,685	11,926	3,523	8,866	9,219	3,151	12,078	12,296	4,341
Net	38		12,671	37,941	9,116	8,288	32,044	8,389	14,433	38,519	10,309
QCCP contracts ²	39		1,355	13,432	1,813	1,419	12,173	1,526	2,991	14,714	2,171
Total	40	\$	14,026	\$ 51,373	\$ 10,929	\$ 9,707	\$ 44,217	\$ 9,915	\$ 17,424	\$ 53,233	\$ 12,480

¹ Non-trading credit derivatives, which are given financial guarantee treatment for credit risk capital purposes, were excluded in accordance with OSFI's guidelines.

² RWA for OSFI "deemed" QCCP derivative exposures are calculated in accordance with the Basel III regulatory framework, which takes into account both trade exposures and default fund exposures related to derivatives, and are presented based on the "all-in" methodology. The amounts calculated are net of master netting agreements and collateral.

Derivatives – Credit Exposure (Continued)

(\$ millions) As at	LINE #	2014 Q4			2014 Q3			2014 Q2		
		Current replacement cost ¹	Credit equivalent amount	Risk- weighted amount	Current replacement cost ¹	Credit equivalent amount	Risk- weighted amount	Current replacement cost ¹	Credit equivalent amount	Risk- weighted amount
Interest Rate Contracts										
Forward rate agreements	1	\$ 22	\$ 74	\$ 25	\$ 12	\$ 49	\$ 20	\$ 47	\$ 68	\$ 17
Swaps	2	20,919	26,737	14,571	22,384	28,415	14,519	23,199	29,885	15,354
Options purchased	3	614	707	363	546	654	343	558	675	356
	4	21,555	27,518	14,959	22,942	29,118	14,882	23,804	30,628	15,727
Foreign Exchange Contracts										
Forward contracts	5	9,492	16,556	3,778	3,855	10,150	2,535	3,880	10,079	2,565
Swaps	6	–	–	–	–	–	–	–	–	–
Cross-currency interest rate swaps	7	14,936	37,891	14,397	10,633	32,758	12,530	12,665	35,179	13,280
Options purchased	8	346	558	145	190	356	105	215	400	124
	9	24,774	55,005	18,320	14,678	43,264	15,170	16,760	45,658	15,969
Other Contracts										
Credit derivatives	10	13	184	106	11	189	108	25	271	151
Equity contracts	11	6,156	9,949	1,275	6,977	10,601	1,231	8,071	11,745	1,188
Commodity contracts	12	343	1,207	368	382	1,209	378	499	1,356	450
	13	6,512	11,340	1,749	7,370	11,999	1,717	8,595	13,372	1,789
Total	14	52,841	93,863	35,028	44,990	84,381	31,769	49,159	89,658	33,485
Less: impact of master netting agreements	15	39,783	58,632	23,988	34,538	53,340	22,017	36,272	55,097	20,600
Total after netting	16	13,058	35,231	11,040	10,452	31,041	9,752	12,887	34,561	12,885
Less: impact of collateral	17	5,678	6,002	2,135	4,668	5,106	1,796	6,607	7,516	4,255
Net	18	7,380	29,229	8,905	5,784	25,935	7,956	6,280	27,045	8,630
QCCP Contracts ²	19	998	11,700	1,659	350	10,369	1,382	218	6,410	1,208
Total	20	\$ 8,378	\$ 40,929	\$ 10,564	\$ 6,134	\$ 36,304	\$ 9,338	\$ 6,498	\$ 33,455	\$ 9,838

¹ Non-trading credit derivatives, which are given financial guarantee treatment for credit risk capital purposes, were excluded in accordance with OSFI's guidelines. Exchange traded instruments are included with QCCP effective the third quarter of 2014, while they were previously excluded.

² RWA for OSFI "deemed" QCCP derivative exposures are calculated in accordance with the Basel III regulatory framework, which takes into account both trade exposures and default fund exposures related to derivatives, and are presented based on the "all-in" methodology. The amounts calculated are net of master netting agreements and collateral.

Consolidated Balance Sheet Cross-Referenced to Credit Risk Exposures

(\$ millions) As at		LINE #	2016 Q2									
			Credit risk exposures					Other exposures				
			Drawn		Other exposures			Subject to market risk capital		All other ¹		Total
			Non-retail	Retail	Securitization	Repo-style transactions	Derivatives					
Cash and due from banks	1	\$	645	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,647	\$ -	\$ 3,292
Interest-bearing deposits with banks	2		47,415	-	-	-	-	-	192	171	-	47,778
Trading loans, securities, and other	3		35	31	-	-	-	-	86,726	6,348	-	93,140
Derivatives	4		-	-	-	-	73,071	-	-	21	-	73,092
Financial assets designated at fair value through profit or loss	5		2,516	-	-	-	-	-	-	1,763	-	4,279
Available-for-sale securities	6		73,149	-	15,750	-	-	-	-	4,745	-	93,644
Held-to-maturity securities	7		52,172	-	24,701	-	-	-	-	8	-	76,881
Securities purchased under reverse repurchase agreements	8		-	-	-	93,820	-	-	-	-	-	93,820
Residential mortgages ²	9		92,369	119,268	-	-	-	-	-	345	-	211,982
Consumer instalment and other personal ²	10		19,716	112,371	-	-	-	-	-	4,232	-	136,319
Credit card	11		-	29,803	-	-	-	-	-	(48)	-	29,755
Business and government	12		162,375	11,015	3,897	-	-	-	-	(183)	-	177,104
Debt securities classified as loans	13		103	-	1,505	-	-	-	-	212	-	1,820
Allowance for loan losses ³	14		(73)	-	(198)	-	-	-	-	(3,345)	-	(3,616)
Customers' liability under acceptances	15		15,464	-	-	-	-	-	-	3	-	15,467
Investment in TD Ameritrade	16		-	-	-	-	-	-	-	6,473	-	6,473
Goodwill	17		-	-	-	-	-	-	-	15,689	-	15,689
Other intangibles	18		-	-	-	-	-	-	-	2,509	-	2,509
Land, buildings, equipment, and other depreciable assets	19		-	-	-	-	-	-	-	5,160	-	5,160
Deferred tax assets	20		-	-	-	-	-	-	-	1,987	-	1,987
Amounts receivable from brokers, dealers and clients	21		817	-	-	-	-	-	-	25,488	-	26,305
Other assets	22		2,796	60	176	-	-	-	-	8,874	-	11,906
Total	23	\$	469,499	\$ 272,548	\$ 45,831	\$ 93,820	\$ 73,071	\$ 86,918	\$ 83,099	\$ 83,099	\$ -	\$ 1,124,786

¹ Includes the Bank's insurance subsidiaries' assets and all other assets which are not subject to market risks or standardized/advanced internal ratings based (AIRB) credit risk.

² Includes CMHC insured exposures classified as sovereign exposures under Basel III and therefore included in the non-retail category.

³ Allowances related to exposures under standardized methodology are included under non-retail or retail.

Gross Credit Risk Exposure¹

(\$ millions) As at		LINE	2016 Q2						2016 Q1					
		#												
By Counterparty Type			Drawn	Undrawn ²	Repo-style transactions	OTC ³ derivatives	Other off-balance sheet	Total	Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total
Retail														
Residential secured		1	\$ 275,685	\$ 36,391	\$ –	\$ –	\$ –	\$ 312,076	\$ 278,885	\$ 35,197	\$ –	\$ –	\$ –	\$ 314,082
Qualifying revolving retail		2	19,471	54,095	–	–	–	73,566	18,760	51,362	–	–	–	70,122
Other retail		3	89,502	5,630	–	–	34	95,166	95,390	6,108	–	–	38	101,536
		4	384,658	96,116	–	–	34	480,808	393,035	92,667	–	–	38	485,740
Non-retail														
Corporate		5	167,974	57,256	97,432	10,127	14,414	347,203	173,953	65,264	92,577	13,452	14,970	360,216
Sovereign		6	161,106	1,361	18,572	11,133	1,384	193,556	161,732	1,480	27,954	12,605	1,552	205,323
Bank		7	28,383	1,554	48,506	18,181	3,241	99,865	30,824	1,790	59,064	22,674	3,717	118,069
		8	357,463	60,171	164,510	39,441	19,039	640,624	366,509	68,534	179,595	48,731	20,239	683,608
Total		9	\$ 742,121	\$ 156,287	\$ 164,510	\$ 39,441	\$ 19,073	\$ 1,121,432	\$ 759,544	\$ 161,201	\$ 179,595	\$ 48,731	\$ 20,277	\$ 1,169,348
By Country of Risk														
Canada		10	\$ 407,153	\$ 114,815	\$ 60,069	\$ 15,131	\$ 8,578	\$ 605,746	\$ 403,933	\$ 113,239	\$ 52,918	\$ 22,715	\$ 8,520	\$ 601,325
United States		11	273,256	37,993	55,709	10,380	9,994	387,332	290,281	43,788	60,504	12,334	10,955	417,862
Other International														
Europe		12	40,728	2,848	36,687	9,722	382	90,367	40,111	3,387	38,755	10,989	610	93,852
Other		13	20,984	631	12,045	4,208	119	37,987	25,219	787	27,418	2,693	192	56,309
		14	61,712	3,479	48,732	13,930	501	128,354	65,330	4,174	66,173	13,682	802	150,161
Total		15	\$ 742,121	\$ 156,287	\$ 164,510	\$ 39,441	\$ 19,073	\$ 1,121,432	\$ 759,544	\$ 161,201	\$ 179,595	\$ 48,731	\$ 20,277	\$ 1,169,348
By Residual Contractual Maturity														
Within 1 year		16	\$ 241,965	\$ 106,376	\$ 163,914	\$ 15,290	\$ 7,778	\$ 535,323	\$ 245,124	\$ 105,729	\$ 179,011	\$ 15,078	\$ 7,653	\$ 552,595
Over 1 year to 5 years		17	349,692	47,446	596	16,148	10,636	424,518	350,182	53,171	583	22,923	11,698	438,557
Over 5 years		18	150,464	2,465	–	8,003	659	161,591	164,238	2,301	1	10,730	926	178,196
Total		19	\$ 742,121	\$ 156,287	\$ 164,510	\$ 39,441	\$ 19,073	\$ 1,121,432	\$ 759,544	\$ 161,201	\$ 179,595	\$ 48,731	\$ 20,277	\$ 1,169,348
Non-Retail Exposures by Industry Sector														
Real estate														
Residential		20	\$ 20,603	\$ 2,256	\$ 2	\$ 106	\$ 1,362	\$ 24,329	\$ 20,797	\$ 2,503	\$ 2	\$ 128	\$ 1,422	\$ 24,852
Non-residential		21	31,536	3,315	6	743	323	35,923	32,760	3,362	9	889	306	37,326
Total real-estate		22	52,139	5,571	8	849	1,685	60,252	53,557	5,865	11	1,017	1,728	62,178
Agriculture		23	5,105	287	3	18	21	5,434	5,096	341	5	38	26	5,506
Automotive		24	7,932	3,849	3	615	106	12,505	7,629	4,529	3	793	116	13,070
Financial		25	29,611	7,439	134,570	21,997	1,289	194,906	31,843	8,617	141,569	28,469	1,466	211,964
Food, beverage, and tobacco		26	4,202	3,234	–	659	544	8,639	4,309	4,286	1	742	549	9,887
Forestry		27	1,454	460	–	17	49	1,980	1,397	555	–	29	51	2,032
Government, public sector entities, and education		28	172,588	3,002	20,667	11,768	5,014	213,039	174,306	3,332	29,197	13,430	5,539	225,804
Health and social services		29	13,969	1,096	589	185	2,064	17,903	14,828	1,171	561	216	2,279	19,055
Industrial construction and trade contractors		30	2,989	1,104	82	33	571	4,779	3,052	1,227	73	35	605	4,992
Metals and mining		31	3,223	2,859	668	146	796	7,692	3,555	3,390	310	178	806	8,239
Pipelines, oil, and gas		32	6,833	8,791	708	811	1,249	18,392	6,484	9,737	492	962	1,204	18,879
Power and utilities		33	4,768	5,224	–	494	3,092	13,578	4,551	5,827	–	656	3,055	14,089
Professional and other services		34	11,304	3,372	137	162	752	15,727	12,205	3,757	167	144	753	17,026
Retail sector		35	5,183	1,780	770	120	147	8,000	5,248	1,996	579	63	162	8,048
Sundry manufacturing and wholesale		36	9,881	5,152	46	258	330	15,667	10,577	5,904	43	258	401	17,183
Telecommunications, cable, and media		37	6,714	3,743	–	444	183	11,084	7,068	4,311	1	597	197	12,174
Transportation		38	11,912	1,785	50	660	1,012	15,419	13,447	2,024	108	931	1,174	17,684
Other		39	7,656	1,423	6,209	205	135	15,628	7,357	1,665	6,475	173	128	15,798
Total		40	\$ 357,463	\$ 60,171	\$ 164,510	\$ 39,441	\$ 19,039	\$ 640,624	\$ 366,509	\$ 68,534	\$ 179,595	\$ 48,731	\$ 20,239	\$ 683,608

¹ Gross credit risk exposure is before credit risk mitigants. This table excludes securitization, equity, and other credit RWA.

² Gross exposure on undrawn commitments is exposure at default which is the amount currently undrawn but expected to be drawn assuming a default on the underlying committed loan agreement.

³ Over-the-counter (OTC).

Gross Credit Risk Exposure (Continued)¹

(\$ millions) As at		LINE #	2015 Q4						2015 Q3					
By Counterparty Type			Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total	Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total
Retail														
Residential secured		1	\$ 274,984	\$ 34,439	\$ –	\$ –	\$ –	\$ 309,423	\$ 268,975	\$ 33,692	\$ –	\$ –	\$ –	\$ 302,667
Qualifying revolving retail		2	16,787	46,382	–	–	–	63,169	16,550	45,601	–	–	–	62,151
Other retail		3	92,933	5,639	–	–	35	98,607	89,317	5,542	–	–	36	94,895
		4	384,704	86,460	–	–	35	471,199	374,842	84,835	–	–	36	459,713
Non-retail														
Corporate		5	162,764	59,863	92,143	10,494	14,697	339,961	154,584	53,379	93,777	12,571	14,502	328,813
Sovereign		6	146,208	1,381	24,677	10,942	1,222	184,430	138,689	1,634	23,946	10,672	1,161	176,102
Bank		7	28,698	1,573	65,217	27,025	2,631	125,144	28,409	1,521	60,112	26,625	2,372	119,039
		8	337,670	62,817	182,037	48,461	18,550	649,535	321,682	56,534	177,835	49,868	18,035	623,954
Total		9	\$ 722,374	\$ 149,277	\$ 182,037	\$ 48,461	\$ 18,585	\$ 1,120,734	\$ 696,524	\$ 141,369	\$ 177,835	\$ 49,868	\$ 18,071	\$ 1,083,667
By Country of Risk														
Canada		10	\$ 400,076	\$ 105,635	\$ 54,827	\$ 20,684	\$ 7,910	\$ 589,132	\$ 389,264	\$ 103,889	\$ 55,766	\$ 22,278	\$ 7,890	\$ 579,087
United States		11	262,407	39,566	55,135	12,040	10,133	379,281	246,182	33,831	60,326	12,456	9,736	362,531
Other International														
Europe		12	37,043	3,133	46,328	12,248	422	99,174	40,414	2,709	44,209	11,770	345	99,447
Other		13	22,848	943	25,747	3,489	120	53,147	20,664	940	17,534	3,364	100	42,602
		14	59,891	4,076	72,075	15,737	542	152,321	61,078	3,649	61,743	15,134	445	142,049
Total		15	\$ 722,374	\$ 149,277	\$ 182,037	\$ 48,461	\$ 18,585	\$ 1,120,734	\$ 696,524	\$ 141,369	\$ 177,835	\$ 49,868	\$ 18,071	\$ 1,083,667
By Residual Contractual Maturity														
Within 1 year		16	\$ 242,093	\$ 99,302	\$ 181,632	\$ 10,754	\$ 7,442	\$ 541,223	\$ 221,618	\$ 93,965	\$ 177,480	\$ 12,469	\$ 7,040	\$ 512,572
Over 1 year to 5 years		17	323,706	47,275	405	25,081	10,355	406,822	311,254	43,382	355	24,763	9,910	389,664
Over 5 years		18	156,575	2,700	–	12,626	788	172,689	163,652	4,022	–	12,636	1,121	181,431
Total		19	\$ 722,374	\$ 149,277	\$ 182,037	\$ 48,461	\$ 18,585	\$ 1,120,734	\$ 696,524	\$ 141,369	\$ 177,835	\$ 49,868	\$ 18,071	\$ 1,083,667
Non-Retail Exposures by Industry Sector														
Real estate														
Residential		20	\$ 19,746	\$ 2,441	\$ 1	\$ 88	\$ 1,425	\$ 23,701	\$ 19,560	\$ 2,359	\$ 17	\$ 77	\$ 1,449	\$ 23,462
Non-residential		21	29,390	2,792	11	686	291	33,170	28,385	2,722	161	639	266	32,173
Total real-estate		22	49,136	5,233	12	774	1,716	56,871	47,945	5,081	178	716	1,715	55,635
Agriculture		23	4,678	358	1	23	26	5,086	4,488	337	9	47	26	4,907
Automotive		24	6,527	4,125	3	755	114	11,524	6,510	3,886	4	839	116	11,355
Financial		25	33,500	6,463	144,734	30,923	1,483	217,103	29,660	5,960	141,865	32,730	1,330	211,545
Food, beverage, and tobacco		26	4,071	6,229	2	664	607	11,573	4,009	2,401	2	628	591	7,631
Forestry		27	1,299	571	–	26	63	1,959	1,303	590	55	35	62	2,045
Government, public sector entities, and education		28	157,813	3,133	26,997	11,703	4,849	204,495	151,175	3,501	25,353	11,384	4,965	196,378
Health and social services		29	13,738	1,160	545	184	2,260	17,887	13,173	1,062	490	202	2,078	17,005
Industrial construction and trade contractors		30	3,113	1,157	61	29	642	5,002	3,126	1,167	53	27	637	5,010
Metals and mining		31	3,105	3,577	232	185	470	7,569	2,841	3,525	210	160	443	7,179
Pipelines, oil, and gas		32	5,230	9,203	1,057	844	1,048	17,382	5,206	8,405	37	815	980	15,443
Power and utilities		33	3,609	5,180	–	605	2,716	12,110	3,884	4,629	85	556	2,568	11,722
Professional and other services		34	10,772	3,210	220	109	778	15,089	10,525	3,329	291	119	766	15,030
Retail sector		35	5,057	1,755	530	61	141	7,544	4,825	1,855	437	56	147	7,320
Sundry manufacturing and wholesale		36	9,182	4,955	36	190	359	14,722	8,038	4,647	48	190	259	13,182
Telecommunications, cable, and media		37	6,847	2,998	–	462	177	10,484	6,758	2,779	580	460	175	10,752
Transportation		38	12,404	2,041	15	802	970	16,232	11,016	1,859	26	783	1,047	14,731
Other		39	7,589	1,469	7,592	122	131	16,903	7,200	1,521	8,112	121	130	17,084
Total		40	\$ 337,670	\$ 62,817	\$ 182,037	\$ 48,461	\$ 18,550	\$ 649,535	\$ 321,682	\$ 56,534	\$ 177,835	\$ 49,868	\$ 18,035	\$ 623,954

¹ Gross credit risk exposure is before credit risk mitigants. This table excludes securitization, equity, and other credit RWA.

² Gross exposure on undrawn commitments is exposure at default which is the amount currently undrawn but expected to be drawn assuming a default on the underlying committed loan agreement.

Gross Credit Risk Exposure (Continued)¹

(\$ millions) As at	LINE #	2015 Q2						2015 Q1					
		Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total	Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total
By Counterparty Type													
Retail													
Residential secured	1	\$ 261,315	\$ 33,807	\$ —	\$ —	\$ —	\$ 295,122	\$ 261,424	\$ 33,599	\$ —	\$ —	\$ —	\$ 295,023
Qualifying revolving retail	2	16,245	45,002	—	—	—	61,247	15,940	44,164	—	—	—	60,104
Other retail	3	83,786	5,448	—	—	35	89,269	85,439	5,452	—	—	34	90,925
	4	361,346	84,257	—	—	35	445,638	362,803	83,215	—	—	34	446,052
Non-retail													
Corporate	5	143,218	46,642	84,240	9,384	13,528	297,012	143,664	46,624	77,224	14,816	14,471	296,799
Sovereign	6	130,171	1,519	21,048	7,585	1,049	161,372	132,129	1,499	21,625	8,207	1,123	164,583
Bank	7	27,059	1,338	59,749	24,293	2,433	114,872	26,388	1,151	63,791	27,792	2,038	121,160
	8	300,448	49,499	165,037	41,262	17,010	573,256	302,181	49,274	162,640	50,815	17,632	582,542
Total	9	\$ 661,794	\$ 133,756	\$ 165,037	\$ 41,262	\$ 17,045	\$ 1,018,894	\$ 664,984	\$ 132,489	\$ 162,640	\$ 50,815	\$ 17,666	\$ 1,028,594
By Country of Risk													
Canada	10	\$ 380,161	\$ 101,796	\$ 59,476	\$ 15,948	\$ 7,357	\$ 564,738	\$ 371,111	\$ 99,488	\$ 53,167	\$ 21,931	\$ 7,362	\$ 553,059
United States	11	225,539	28,875	43,079	10,498	9,219	317,210	237,648	29,936	42,791	12,167	9,746	332,288
Other International													
Europe	12	38,551	2,401	41,983	10,591	383	93,909	35,903	2,389	46,760	13,216	422	98,690
Other	13	17,543	684	20,499	4,225	86	43,037	20,322	676	19,922	3,501	136	44,557
	14	56,094	3,085	62,482	14,816	469	136,946	56,225	3,065	66,682	16,717	558	143,247
Total	15	\$ 661,794	\$ 133,756	\$ 165,037	\$ 41,262	\$ 17,045	\$ 1,018,894	\$ 664,984	\$ 132,489	\$ 162,640	\$ 50,815	\$ 17,666	\$ 1,028,594
By Residual Contractual Maturity													
Within 1 year	16	\$ 227,239	\$ 92,539	\$ 164,704	\$ 9,617	\$ 7,543	\$ 501,642	\$ 223,677	\$ 92,748	\$ 162,203	\$ 14,703	\$ 7,122	\$ 500,453
Over 1 year to 5 years	17	291,386	38,600	333	20,372	8,851	359,542	295,053	37,429	437	23,032	9,839	365,790
Over 5 years	18	143,169	2,617	—	11,273	651	157,710	146,254	2,312	—	13,080	705	162,351
Total	19	\$ 661,794	\$ 133,756	\$ 165,037	\$ 41,262	\$ 17,045	\$ 1,018,894	\$ 664,984	\$ 132,489	\$ 162,640	\$ 50,815	\$ 17,666	\$ 1,028,594

		2014 Q4						2014 Q3					
By Counterparty Type		Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total	Drawn	Undrawn ²	Repo-style transactions	OTC derivatives	Other off-balance sheet	Total
Retail													
Residential secured	20	\$ 257,358	\$ 32,304	\$ —	\$ —	\$ —	\$ 289,662	\$ 251,193	\$ 32,205	\$ —	\$ —	\$ —	\$ 283,398
Qualifying revolving retail	21	15,869	43,447	—	—	—	59,316	15,379	37,458	—	—	—	52,837
Other retail	22	79,341	5,400	—	—	32	84,773	77,435	5,324	—	—	31	82,790
	23	352,568	81,151	—	—	32	433,751	344,007	74,987	—	—	31	419,025
Non-retail													
Corporate	24	129,591	41,040	71,376	8,422	13,345	263,774	123,205	40,935	76,584	6,553	13,208	260,485
Sovereign	25	109,668	989	16,217	4,783	1,079	132,736	102,182	975	16,440	5,284	1,044	125,925
Bank	26	21,658	1,051	61,950	22,026	1,845	108,530	22,893	930	67,921	19,204	1,956	112,904
	27	260,917	43,080	149,543	35,231	16,269	505,040	248,280	42,840	160,945	31,041	16,208	499,314
Total	28	\$ 613,485	\$ 124,231	\$ 149,543	\$ 35,231	\$ 16,301	\$ 938,791	\$ 592,287	\$ 117,827	\$ 160,945	\$ 31,041	\$ 16,239	\$ 918,339
By Country of Risk													
Canada	29	\$ 363,928	\$ 97,455	\$ 50,007	\$ 13,123	\$ 7,212	\$ 531,725	\$ 357,513	\$ 91,515	\$ 54,635	\$ 12,779	\$ 7,496	\$ 523,938
United States	30	209,581	24,041	40,762	8,383	8,675	291,442	193,832	23,557	42,666	6,215	8,248	274,518
Other International													
Europe	31	24,549	2,162	42,492	10,654	320	80,177	24,931	2,208	46,835	9,223	387	83,584
Other	32	15,427	573	16,282	3,071	94	35,447	16,011	547	16,809	2,824	108	36,299
	33	39,976	2,735	58,774	13,725	414	115,624	40,942	2,755	63,644	12,047	495	119,883
Total	34	\$ 613,485	\$ 124,231	\$ 149,543	\$ 35,231	\$ 16,301	\$ 938,791	\$ 592,287	\$ 117,827	\$ 160,945	\$ 31,041	\$ 16,239	\$ 918,339
By Residual Contractual Maturity													
Within 1 year	35	\$ 211,478	\$ 87,459	\$ 149,107	\$ 8,531	\$ 7,257	\$ 463,832	\$ 207,583	\$ 82,060	\$ 153,012	\$ 6,444	\$ 7,744	\$ 456,843
Over 1 year to 5 years	36	274,132	34,874	436	16,453	8,061	333,956	265,075	34,040	7,933	15,266	7,943	330,257
Over 5 years	37	127,875	1,898	—	10,247	983	141,003	119,629	1,727	—	9,331	552	131,239
Total	38	\$ 613,485	\$ 124,231	\$ 149,543	\$ 35,231	\$ 16,301	\$ 938,791	\$ 592,287	\$ 117,827	\$ 160,945	\$ 31,041	\$ 16,239	\$ 918,339

¹ Gross credit risk exposure is before credit risk mitigants. This table excludes securitization, equity, and other credit RWA.

² Gross exposure on undrawn commitments is exposure at default which is the amount currently undrawn but expected to be drawn assuming a default on the underlying committed loan agreement.

Exposures Covered By Credit Risk Mitigation

\$ millions) As at		LINE #	2016 Q2			2016 Q1			2015 Q4		

¹ For exposures under the AIRB Approach, eligible financial collateral is taken into account in the Bank's Loss Given Default (LGD) models. Separate disclosure of eligible financial collateral is, therefore, not required.

² For exposures under the Standardized Approach, eligible financial collateral can include cash, gold, highly rated debt securities, and equities listed on the main index.

Standardized Credit Risk Exposures¹

(\$ millions) As at		LINE #	2016 Q2								2016 Q1							
			Risk-weight								Risk-weight							
			0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
By Counterparty Type																		
Retail																		
Residential secured	1	\$	356	\$ 237	\$ 27,726	\$ –	\$ 2,833	\$ 472	\$ –	\$ 31,624	\$ 393	\$ 280	\$ 31,134	\$ –	\$ 3,173	\$ 514	\$ –	\$ 35,494
Other retail ²	2		603	96	–	–	54,414	–	578	55,691	525	114	–	–	60,634	–	710	61,983
	3		959	333	27,726	–	57,247	472	578	87,315	918	394	31,134	–	63,807	514	710	97,477
Non-retail																		
Corporate	4		12,402	149	–	–	–	101,291	383	114,225	13,340	155	–	–	–	109,480	456	123,431
Sovereign	5		43,168	18,861	–	–	–	–	–	62,029	48,188	19,443	–	–	–	–	–	67,631
Bank	6		823	14,434	–	1	–	–	–	15,258	1,085	15,133	–	1	–	–	–	16,219
	7		56,393	33,444	–	1	–	101,291	383	191,512	62,613	34,731	–	1	–	109,480	456	207,281
Total	8	\$	57,352	\$ 33,777	\$ 27,726	\$ 1	\$ 57,247	\$ 101,763	\$ 961	\$ 278,827	\$ 63,531	\$ 35,125	\$ 31,134	\$ 1	\$ 63,807	\$ 109,994	\$ 1,166	\$ 304,758

			2015 Q4								2015 Q3							
			Risk-weight								Risk-weight							
			0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
By Counterparty Type																		
Retail																		
Residential secured	9	\$	360	\$ –	\$ 29,152	\$ –	\$ 2,927	\$ 458	\$ –	\$ 32,897	\$ 332	\$ 130	\$ 29,414	\$ –	\$ 2,814	\$ 460	\$ –	\$ 33,150
Other retail ²	10		564	389	–	–	58,072	–	630	59,655	445	281	–	–	54,669	–	588	55,983
	11		924	389	29,152	–	60,999	458	630	92,552	777	411	29,414	–	57,483	460	588	89,133
Non-retail																		
Corporate	12		12,344	160	–	–	–	101,630	489	114,623	11,271	162	–	–	–	95,064	546	107,043
Sovereign	13		38,551	17,383	–	–	–	–	–	55,934	38,882	17,779	–	–	–	–	–	56,661
Bank	14		1,226	12,315	–	1	–	–	–	13,542	1,383	11,730	–	–	–	–	4	13,117
	15		52,121	29,858	–	1	–	101,630	489	184,099	51,536	29,671	–	–	–	95,064	550	176,821
Total	16	\$	53,045	\$ 30,247	\$ 29,152	\$ 1	\$ 60,999	\$ 102,088	\$ 1,119	\$ 276,651	\$ 52,313	\$ 30,082	\$ 29,414	\$ –	\$ 57,483	\$ 95,524	\$ 1,138	\$ 265,954

			2015 Q2								2015 Q1							
			Risk-weight								Risk-weight							
			0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
By Counterparty Type																		
Retail																		
Residential secured	17	\$	284	\$ 127	\$ 27,382	\$ –	\$ 2,601	\$ 408	\$ –	\$ 30,802	\$ 346	\$ 140	\$ 28,692	\$ –	\$ 2,754	\$ 427	\$ –	\$ 32,359
Other retail ²	18		578	276	–	–	49,973	–	543	51,370	666	307	–	–	52,043	–	613	53,629
	19		862	403	27,382	–	52,574	408	543	82,172	1,012	447	28,692	–	54,797	427	613	85,988
Non-retail																		
Corporate	20		10,186	183	–	–	–	85,761	577	96,707	10,530	198	–	–	–	89,500	646	100,874
Sovereign	21		26,938	17,050	–	–	–	–	–	43,988	29,486	18,706	–	–	–	–	–	48,192
Bank	22		1,169	10,879	–	–	–	–	8	12,056	1,218	9,836	–	1	–	–	13	11,068
	23		38,293	28,112	–	–	–	85,761	585	152,751	41,234	28,740	–	1	–	89,500	659	160,134
Total	24	\$	39,155	\$ 28,515	\$ 27,382	\$ –	\$ 52,574	\$ 86,169	\$ 1,128	\$ 234,923	\$ 42,246	\$ 29,187	\$ 28,692	\$ 1	\$ 54,797	\$ 89,927	\$ 1,272	\$ 246,122

			2014 Q4								2014 Q3							
			Risk-weight								Risk-weight							
			0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
By Counterparty Type																		
Retail																		
Residential secured	25	\$	244	\$ 129	\$ 25,561	\$ –	\$ 2,344	\$ 321	\$ –	\$ 28,599	\$ 214	\$ 132	\$ 24,511	\$ –	\$ 2,300	\$ 307	\$ –	\$ 27,464
Other retail ²	26		472	286	–	–	46,797	–	538	48,093	530	293	–	–	45,652	–	507	46,982
	27		716	415	25,561	–	49,141	321	538	76,692	744	425	24,511	–	47,952	307	507	74,446
Non-retail																		
Corporate	28		8,084	193	–	–	–	76,990	615	85,882	7,347	220	–	–	–	72,800	654	81,021
Sovereign	29		18,420	17,368	–	–	–	–	–	35,788	13,954	16,895	–	–	–	–	–	30,849
Bank	30		1,133	8,649	–	1	–	–	11	9,794	1,145	9,123	–	–	–	–	12	10,280
	31		27,637	26,210	–	1	–	76,990	626	131,464	22,446	26,238	–	–	–	72,800	666	122,150
Total	32	\$	28,353	\$ 26,625	\$ 25,561	\$ 1	\$ 49,141	\$ 77,311	\$ 1,164	\$ 208,156	\$ 23,190	\$ 26,663	\$ 24,511	\$ –	\$ 47,952	\$ 73,107	\$ 1,173	\$ 196,596

¹ Credit risk exposures are after credit risk mitigants and net of counterparty-specific allowance.

² Under the Standardized Approach, "Other retail" includes qualifying revolving retail exposures.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured^{1,2}(\$ millions, except as noted)
As at

LINE
#

2016
Q2

		Notional of undrawn commitments										Average risk weighting			EL adjusted average	
Insured Drawn and Undrawn ³		PD range	EAD ⁴		Average EAD	Average PD ⁵	Average LGD	RWAs		EL ⁶				risk weight ⁷		
Low Risk	1	0.00 to 0.15	% \$ 129,044	\$ 23,077	91.11 %	– %	28.34 %	\$ 105	0.08 %	\$ –			0.08 %			
Normal Risk	2	0.16 to 0.41	7,069	–	100.00	0.25	9.52	321	4.54	2			4.89			
	3	0.42 to 1.10	3,844	–	100.00	0.62	9.63	332	8.64	2			9.29			
Medium Risk	4	1.11 to 2.93	1,147	–	100.00	1.72	9.64	195	17.00	2			19.18			
	5	2.94 to 4.74	259	–	100.00	3.70	9.76	71	27.41	1			32.24			
High Risk	6	4.75 to 7.59	175	–	100.00	5.97	9.61	61	34.86	1			42.00			
	7	7.60 to 18.20	262	–	100.00	10.28	8.42	100	38.17	2			47.71			
	8	18.21 to 99.99	107	–	100.00	31.88	8.88	52	48.60	3			83.64			
Default	9	100.00	38	–	100.00	100.00	8.27	40	105.26	–			105.26			
Total	10		\$ 141,945	\$ 23,077	91.85 %	0.13 %	26.63 %	\$ 1,277	0.90 %	\$ 13			1.01 %			
Uninsured Undrawn																
Low Risk	11	0.00 to 0.15	% \$ 23,813	\$ 43,915	54.23 %	0.04 %	24.24 %	\$ 642	2.70 %	\$ 2			2.80 %			
Normal Risk	12	0.16 to 0.41	1,479	2,457	60.20	0.24	35.46	236	15.96	1			16.80			
	13	0.42 to 1.10	344	551	62.39	0.60	32.28	99	28.78	1			32.41			
Medium Risk	14	1.11 to 2.93	77	79	98.22	1.55	47.10	59	76.62	1			92.86			
	15	2.94 to 4.74	9	9	100.00	3.70	41.78	11	122.22	–			122.22			
High Risk	16	4.75 to 7.59	4	4	86.62	6.01	24.10	3	75.00	–			75.00			
	17	7.60 to 18.20	2	2	96.55	10.93	22.63	2	100.00	–			100.00			
	18	18.21 to 99.99	1	1	84.72	50.52	12.89	1	100.00	–			100.00			
Default	19	100.00	–	–	–	–	–	–	–	–			–			
Total	20		\$ 25,729	\$ 47,018	54.72 %	0.07 %	25.07 %	\$ 1,053	4.09 %	\$ 5			4.34 %			
Uninsured Drawn																
Low Risk	21	0.00 to 0.15	% \$ 67,808	n/a	n/a	0.06 %	25.87 %	\$ 2,622	3.87 %	\$ 10			4.05 %			
Normal Risk	22	0.16 to 0.41	24,888	n/a	n/a	0.25	27.40	3,182	12.79	17			13.64			
	23	0.42 to 1.10	13,112	n/a	n/a	0.64	26.97	3,270	24.94	23			27.13			
Medium Risk	24	1.11 to 2.93	4,338	n/a	n/a	1.68	28.60	2,158	49.75	21			55.80			
	25	2.94 to 4.74	846	n/a	n/a	3.68	27.56	651	76.95	9			90.25			
High Risk	26	4.75 to 7.59	490	n/a	n/a	5.96	26.14	461	94.08	8			114.49			
	27	7.60 to 18.20	665	n/a	n/a	11.36	22.43	700	105.26	17			137.22			
	28	18.21 to 99.99	405	n/a	n/a	35.31	18.60	405	100.00	26			180.25			
Default	29	100.00	226	n/a	n/a	100.00	20.70	440	194.69	12			261.06			
Total	30		\$ 112,778	n/a	n/a	0.68 %	26.40 %	\$ 13,889	12.32 %	\$ 143			13.90 %			

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

⁴ Exposure at Default (EAD).⁵ Probability of Default (PD).

⁶ Expected Loss (EL).

⁷ EL adjusted average risk weight is calculated as $(RWA + 12.5 \times EL) / EAD$.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

LINE #	2016												
	Q1												
	PD range		EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight		
Insured Drawn and Undrawn ³													
Low Risk	0.00 to 0.15	% \$	133,126	\$ 23,219	91.27 %	— %	28.33 % \$	110	0.08 % \$	—	0.08 %		
Normal Risk	0.16 to 0.41		7,045	—	100.00	0.26	9.47	323	4.58	2	4.94		
	0.42 to 1.10		3,953	—	100.00	0.63	9.55	343	8.68	2	9.31		
Medium Risk	1.11 to 2.93		1,205	—	100.00	1.72	9.65	205	17.01	2	19.09		
	2.94 to 4.74		276	—	100.00	3.70	9.73	75	27.17	1	31.70		
High Risk	4.75 to 7.59		211	—	100.00	6.08	9.24	71	33.65	1	39.57		
	7.60 to 18.20		259	—	100.00	10.59	8.44	101	39.00	2	48.65		
	18.21 to 99.99		105	—	100.00	32.26	8.90	51	48.57	3	84.29		
Default	100.00		34	—	100.00	100.00	8.11	34	100.00	—	100.00		
Total		\$	146,214	\$ 23,219	91.99 %	0.13 %	26.64 % \$	1,313	0.90 % \$	13	1.01 %		
Uninsured Undrawn													
Low Risk	0.00 to 0.15	% \$	22,269	\$ 42,321	52.62 %	0.03 %	23.74 % \$	528	2.37 % \$	2	2.48 %		
Normal Risk	0.16 to 0.41		1,825	2,892	63.11	0.23	36.67	290	15.89	1	16.58		
	0.42 to 1.10		335	545	61.52	0.61	31.41	93	27.76	1	31.49		
Medium Risk	1.11 to 2.93		67	89	75.59	1.62	30.64	35	52.24	—	52.24		
	2.94 to 4.74		8	9	97.14	3.67	30.01	7	87.50	—	87.50		
High Risk	4.75 to 7.59		6	7	77.22	5.79	22.51	4	66.67	—	66.67		
	7.60 to 18.20		3	4	96.44	11.28	21.01	3	100.00	—	100.00		
	18.21 to 99.99		—	—	99.65	29.45	22.61	—	—	—	—		
Default	100.00		—	—	—	—	—	—	—	—	—		
Total		\$	24,513	\$ 45,867	53.45 %	0.06 %	24.83 % \$	960	3.92 % \$	4	4.12 %		
Uninsured Drawn													
Low Risk	0.00 to 0.15	% \$	64,542	n/a	n/a	0.06 %	25.76 % \$	2,472	3.83 % \$	9	4.00 %		
Normal Risk	0.16 to 0.41		24,041	n/a	n/a	0.25	27.66	3,081	12.82	16	13.65		
	0.42 to 1.10		12,461	n/a	n/a	0.64	26.59	3,067	24.61	21	26.72		
Medium Risk	1.11 to 2.93		4,241	n/a	n/a	1.69	28.21	2,090	49.28	20	55.18		
	2.94 to 4.74		820	n/a	n/a	3.67	27.62	633	77.20	8	89.39		
High Risk	4.75 to 7.59		507	n/a	n/a	5.98	26.14	477	94.08	8	113.81		
	7.60 to 18.20		649	n/a	n/a	11.41	21.73	664	102.31	16	133.13		
	18.21 to 99.99		382	n/a	n/a	36.10	18.65	383	100.26	25	182.07		
Default	100.00		218	n/a	n/a	100.00	20.42	423	194.04	11	257.11		
Total		\$	107,861	n/a	n/a	0.69 %	26.33 % \$	13,290	12.32 % \$	134	13.87 %		

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

LINE #	2015													
	Q4													

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

LINE #	2015 Q3																		
	PD range		EAD	Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs	Average risk weighting		EL	EL adjusted average risk weight			
1	0.00 to 0.15	% \$	138,105	\$	23,337	91.50	%	—	%	28.61	% \$	119	0.09	% \$	—	0.09	%		
2	0.16 to 0.41		4,780		—	100.00		0.25		9.35		212	4.44		1	4.70			
3	0.42 to 1.10		3,388		—	100.00		0.67		9.48		305	9.00		2	9.74			
4	1.11 to 2.93		1,713		—	100.00		1.74		9.73		296	17.28		3	19.47			
5	2.94 to 4.74		406		—	100.00		3.70		9.80		111	27.34		1	30.42			
6	4.75 to 7.59		248		—	100.00		5.91		9.66		86	34.68		1	39.72			
7	7.60 to 18.20		273		—	100.00		11.68		9.15		119	43.59		3	57.33			
8	18.21 to 99.99		178		—	100.00		31.66		9.00		89	50.00		5	85.11			
9	100.00		41		—	100.00		100.00		8.76		45	109.76		—	109.76			
10		\$	149,132	\$	23,337	92.08	%	0.15	%	27.19	% \$	1,382	0.93	% \$	16	1.06	%		
11	0.00 to 0.15	% \$	21,128	\$	40,118	52.67	%	0.03	%	23.17	% \$	484	2.29	% \$	2	2.41	%		
12	0.16 to 0.41		1,616		2,608	61.96		0.25		36.21		279	17.26		1	18.04			
13	0.42 to 1.10		284		470	60.40		0.60		30.93		77	27.11		1	31.51			
14	1.11 to 2.93		56		73	76.98		1.66		31.20		30	53.57		—	53.57			
15	2.94 to 4.74		9		11	84.52		3.63		28.51		7	77.78		—	77.78			
16	4.75 to 7.59		5		8	66.77		5.82		22.16		4	80.00		—	80.00			
17	7.60 to 18.20		3		3	100.00		10.89		23.01		4	133.33		—	133.33			
18	18.21 to 99.99		2		2	91.72		32.53		18.00		2	100.00		—	100.00			
19	100.00		—		—	—		—		—		—	—		—	—			
20		\$	23,103	\$	43,293	53.37	%	0.07	%	24.20	% \$	887	3.84	% \$	4	4.06	%		
21	0.00 to 0.15	% \$	54,223		n/a	n/a		0.06	%	26.09	% \$	2,055	3.79	% \$	8	3.97	%		
22	0.16 to 0.41		21,570		n/a	n/a		0.25		28.12		2,892	13.41		15	14.28			
23	0.42 to 1.10		13,332		n/a	n/a		0.65		26.75		3,337	25.03		23	27.19			
24	1.11 to 2.93		5,293		n/a	n/a		1.69		28.57		2,639	49.86		26	56.00			
25	2.94 to 4.74		963		n/a	n/a		3.69		28.21		760	78.92		10	91.90			
26	4.75 to 7.59		584		n/a	n/a		5.97		25.94		546	93.49		9	112.76			
27	7.60 to 18.20		666		n/a	n/a		11.62		23.07		728	109.31		18	143.09			
28	18.21 to 99.99		399		n/a	n/a		34.71		19.52		422	105.76		26	187.22			
29	100.00		252		n/a	n/a		100.00		21.21		512	203.17		13	267.66			
30		\$	97,282		n/a	n/a		0.82	%	26.73	% \$	13,891	14.28	% \$	148	16.18	%		

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

LINE #	2015 Q2												
	PD range	EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight			
Insured Drawn and Undrawn³													
Low Risk	0.00 to 0.15	% \$ 143,070	\$ 23,862	91.60 %	— %	29.15 % \$	82	0.06 % \$	—	0.06 %			
Normal Risk	0.16 to 0.41	3,427	—	100.00	0.25	9.33	152	4.44	1	4.80			
	0.42 to 1.10	2,435	—	100.00	0.67	9.50	220	9.03	2	10.06			
Medium Risk	1.11 to 2.93	1,221	—	100.00	1.73	9.75	211	17.28	2	19.33			
	2.94 to 4.74	294	—	100.00	3.70	9.77	81	27.55	1	31.80			
High Risk	4.75 to 7.59	164	—	100.00	5.98	9.74	57	34.76	1	42.38			
	7.60 to 18.20	192	—	100.00	11.71	9.18	84	43.75	2	56.77			
	18.21 to 99.99	112	—	100.00	31.89	9.14	57	50.89	3	84.38			
Default	100.00	32	—	100.00	100.00	9.10	36	112.50	—	112.50			
Total		\$ 150,947	\$ 23,862	92.00 %	0.11 %	28.12 % \$	980	0.65 % \$	12	0.75 %			
Uninsured Undrawn													
Low Risk	0.00 to 0.15	% \$ 21,317	\$ 39,925	53.39 %	0.03 %	23.82 % \$	508	2.38 % \$	2	2.50 %			
Normal Risk	0.16 to 0.41	1,282	2,180	58.81	0.25	34.18	210	16.38	1	17.36			
	0.42 to 1.10	310	500	62.07	0.60	32.13	88	28.39	1	32.42			
Medium Risk	1.11 to 2.93	62	79	77.70	1.64	32.24	34	54.84	—	54.84			
	2.94 to 4.74	9	10	84.43	3.61	29.94	7	77.78	—	77.78			
High Risk	4.75 to 7.59	4	5	91.10	5.92	23.54	4	100.00	—	100.00			
	7.60 to 18.20	2	2	100.00	11.33	22.93	2	100.00	—	100.00			
	18.21 to 99.99	3	4	82.28	41.71	12.72	2	66.67	—	66.67			
Default	100.00	—	—	—	—	—	—	—	—	—			
Total		\$ 22,989	\$ 42,705	53.83 %	0.07 %	24.53 % \$	855	3.72 % \$	4	3.94 %			
Uninsured Drawn													
Low Risk	0.00 to 0.15	% \$ 49,318	n/a	n/a	0.06 %	26.32 % \$	1,901	3.85 % \$	7	4.03 %			
Normal Risk	0.16 to 0.41	19,791	n/a	n/a	0.26	27.67	2,617	13.22	14	14.11			
	0.42 to 1.10	13,126	n/a	n/a	0.66	27.31	3,364	25.63	24	27.91			
Medium Risk	1.11 to 2.93	5,302	n/a	n/a	1.69	29.30	2,710	51.11	26	57.24			
	2.94 to 4.74	961	n/a	n/a	3.69	29.03	781	81.27	10	94.28			
High Risk	4.75 to 7.59	603	n/a	n/a	5.97	27.11	589	97.68	10	118.41			
	7.60 to 18.20	637	n/a	n/a	11.68	23.30	705	110.68	17	144.03			
	18.21 to 99.99	406	n/a	n/a	35.56	19.82	433	106.65	27	189.78			
Default	100.00	240	n/a	n/a	100.00	21.52	485	202.08	13	269.79			
Total		\$ 90,384	n/a	n/a	0.87 %	26.90 % \$	13,585	15.03 % \$	148	17.08 %			

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

		2015														
		Q1														

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

LINE #	2014 Q4												
	PD range	EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight			
Insured Drawn and Undrawn³													
Low Risk	0.00 to 0.15	% \$ 147,585	\$ 24,599	91.55 %	— %	29.98 % \$	83	0.06 % \$	—	0.06 %			
Normal Risk	0.16 to 0.41	3,482	—	100.00	0.25	9.31	155	4.45	1	4.81			
	0.42 to 1.10	2,600	—	100.00	0.67	9.51	235	9.04	2	10.00			
Medium Risk	1.11 to 2.93	1,258	—	100.00	1.74	9.75	218	17.33	2	19.32			
	2.94 to 4.74	299	—	100.00	3.68	9.81	82	27.42	1	31.61			
High Risk	4.75 to 7.59	154	—	100.00	6.00	9.55	53	34.42	1	42.53			
	7.60 to 18.20	192	—	100.00	11.66	9.22	84	43.75	2	56.77			
	18.21 to 99.99	126	—	100.00	32.86	9.10	64	50.79	4	90.48			
Default	100.00	30	—	100.00	100.00	9.29	35	116.67	—	116.67			
Total		\$ 155,726	\$ 24,599	91.96 %	0.11 %	28.91 % \$	1,009	0.65 % \$	13	0.75 %			
Uninsured Undrawn													
Low Risk	0.00 to 0.15	% \$ 19,604	\$ 37,271	52.60 %	0.03 %	23.54 % \$	459	2.34 % \$	2	2.47 %			
Normal Risk	0.16 to 0.41	1,231	2,142	57.46	0.24	32.66	189	15.35	1	16.37			
	0.42 to 1.10	335	551	60.89	0.61	31.82	95	28.36	1	32.09			
Medium Risk	1.11 to 2.93	72	94	76.42	1.65	32.91	40	55.56	—	55.56			
	2.94 to 4.74	11	13	84.05	3.66	27.90	9	81.82	—	81.82			
High Risk	4.75 to 7.59	5	5	100.00	5.84	28.83	5	100.00	—	100.00			
	7.60 to 18.20	3	3	96.24	11.55	22.25	3	100.00	—	100.00			
	18.21 to 99.99	6	8	78.95	52.97	12.98	4	66.67	—	66.67			
Default	100.00	—	—	—	—	—	—	—	—	—			
Total		\$ 21,267	\$ 40,087	53.05 %	0.08 %	24.23 % \$	804	3.78 % \$	4	4.02 %			
Uninsured Drawn													
Low Risk	0.00 to 0.15	% \$ 45,786	n/a	n/a	0.06 %	26.83 % \$	1,818	3.97 % \$	7	4.16 %			
Normal Risk	0.16 to 0.41	18,704	n/a	n/a	0.25	28.05	2,502	13.38	13	14.25			
	0.42 to 1.10	12,224	n/a	n/a	0.65	27.97	3,194	26.13	22	28.39			
Medium Risk	1.11 to 2.93	4,511	n/a	n/a	1.70	30.00	2,370	52.54	23	58.91			
	2.94 to 4.74	912	n/a	n/a	3.70	30.36	777	85.20	10	98.90			
High Risk	4.75 to 7.59	606	n/a	n/a	5.95	28.38	619	102.15	10	122.77			
	7.60 to 18.20	674	n/a	n/a	11.67	24.87	796	118.10	19	153.34			
	18.21 to 99.99	415	n/a	n/a	35.76	21.21	471	113.49	30	203.86			
Default	100.00	238	n/a	n/a	100.00	22.43	498	209.24	14	282.77			
Total		\$ 84,070	n/a	n/a	0.91 %	27.43 % \$	13,045	15.52 % \$	148	17.72 %			

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Residential Secured (Continued)^{1,2}

(\$ millions, except as noted)
As at

LINE #	2014 Q3												
	PD range	EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight			
Insured Drawn and Undrawn³													
Low Risk	0.00 to 0.15	\$ 147,255	\$ 25,068	91.39	—	30.25	\$ 82	0.06	—	0.06			
Normal Risk	0.16 to 0.41	3,571	—	100.00	0.25	9.28	158	4.42	1	4.77			
	0.42 to 1.10	2,638	—	100.00	0.67	9.44	236	8.95	2	9.89			
Medium Risk	1.11 to 2.93	1,278	—	100.00	1.73	9.75	221	17.29	2	19.25			
	2.94 to 4.74	304	—	100.00	3.69	9.83	84	27.63	1	31.74			
High Risk	4.75 to 7.59	177	—	100.00	5.91	9.68	62	35.03	1	42.09			
	7.60 to 18.20	193	—	100.00	11.74	9.24	85	44.04	2	56.99			
	18.21 to 99.99	137	—	100.00	32.40	9.18	69	50.36	4	86.86			
Default	100.00	36	—	100.00	100.00	9.06	41	113.89	—	113.89			
Total		\$ 155,589	\$ 25,068	91.82	0.11	29.13	\$ 1,038	0.67	13	0.77			
Uninsured Undrawn													
Low Risk	0.00 to 0.15	\$ 18,939	\$ 36,228	52.28	0.03	23.37	\$ 439	2.32	1	2.38			
Normal Risk	0.16 to 0.41	1,577	2,601	60.61	0.24	36.77	265	16.80	1	17.60			
	0.42 to 1.10	328	547	60.03	0.61	31.45	92	28.05	1	31.86			
Medium Risk	1.11 to 2.93	72	96	75.23	1.67	32.31	40	55.56	—	55.56			
	2.94 to 4.74	12	13	94.30	3.66	30.10	10	83.33	—	83.33			
High Risk	4.75 to 7.59	5	5	97.85	5.93	27.92	5	100.00	—	100.00			
	7.60 to 18.20	2	2	100.00	11.11	27.25	2	100.00	—	100.00			
	18.21 to 99.99	5	7	79.31	52.01	14.25	3	60.00	—	60.00			
Default	100.00	—	—	—	—	—	—	—	—	—			
Total		\$ 20,940	\$ 39,499	53.01	0.08	24.54	\$ 856	4.09	3	4.27			
Uninsured Drawn													
Low Risk	0.00 to 0.15	\$ 43,265	n/a	n/a	0.06	27.01	\$ 1,697	3.92	6	4.10			
Normal Risk	0.16 to 0.41	17,603	n/a	n/a	0.25	28.74	2,402	13.65	13	14.57			
	0.42 to 1.10	11,348	n/a	n/a	0.65	27.97	2,966	26.14	21	28.45			
Medium Risk	1.11 to 2.93	4,350	n/a	n/a	1.71	30.30	2,322	53.38	23	59.99			
	2.94 to 4.74	918	n/a	n/a	3.68	30.73	789	85.95	10	99.56			
High Risk	4.75 to 7.59	615	n/a	n/a	5.95	29.11	643	104.55	11	126.91			
	7.60 to 18.20	641	n/a	n/a	11.73	26.20	798	124.49	19	161.54			
	18.21 to 99.99	440	n/a	n/a	35.42	21.67	513	116.59	32	207.50			
Default	100.00	225	n/a	n/a	100.00	23.40	493	219.11	13	291.33			
Total		\$ 79,405	n/a	n/a	0.94	27.72	\$ 12,623	15.90	148	18.23			

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes Canadian residential mortgages and home equity lines of credit.

³ Includes CMHC insured exposures and exposures insured by corporate entities. CMHC insured exposures are already included in the Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign on pages 69 to 70.

Retail Advanced IRB Exposures – By Obligor Grade – Qualifying Revolving Retail¹

(\$ millions, except as noted)
As at

LINE		2016										
#		Q2										
		PD range		EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight ²
Low Risk	1	0.00 to 0.15	% \$	45,100	\$ 51,542	80.60 %	0.04 %	87.25 %	\$ 1,085	2.41 %	\$ 16	2.85 %
Normal Risk	2	0.16 to 0.41		8,715	7,592	85.84	0.25	87.13	973	11.16	19	13.89
	3	0.42 to 1.10		7,660	5,297	86.00	0.70	87.05	1,920	25.07	46	32.57
Medium Risk	4	1.11 to 2.93		5,954	2,663	90.42	1.84	86.78	3,101	52.08	95	72.03
	5	2.94 to 4.74		2,190	673	93.38	3.73	86.34	1,888	86.21	70	126.16
High Risk	6	4.75 to 7.59		1,557	356	95.22	5.98	86.53	1,840	118.18	81	183.20
	7	7.60 to 18.20		1,552	256	97.75	11.29	85.05	2,603	167.72	149	287.73
	8	18.21 to 99.99		692	162	99.06	28.23	74.66	1,478	213.58	145	475.51
Default	9	100.00		146	–	100.00	100.00	76.13	15	10.27	110	952.05
Total	10		\$	73,566	\$ 68,541	83.59 %	1.22 %	86.95 %	\$ 14,903	20.26 %	\$ 731	32.68 %

		2016										
		Q1										
		PD range		EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight ²
Low Risk	11	0.00 to 0.15	% \$	42,925	\$ 47,786	81.83 %	0.04 %	87.18 %	\$ 1,025	2.39 %	\$ 15	2.82 %
Normal Risk	12	0.16 to 0.41		8,396	7,063	87.89	0.25	87.09	938	11.17	18	13.85
	13	0.42 to 1.10		7,348	4,768	89.94	0.70	86.96	1,837	25.00	44	32.49
Medium Risk	14	1.11 to 2.93		5,638	2,241	95.90	1.84	86.65	2,931	51.99	90	71.94
	15	2.94 to 4.74		2,070	571	98.16	3.72	86.23	1,782	86.09	66	125.94
High Risk	16	4.75 to 7.59		1,475	319	98.85	5.97	86.44	1,740	117.97	76	182.37
	17	7.60 to 18.20		1,487	273	99.09	11.28	84.87	2,487	167.25	142	286.62
	18	18.21 to 99.99		649	170	98.95	28.13	74.29	1,379	212.48	135	472.50
Default	19	100.00		134	–	100.00	100.00	74.66	13	9.70	99	933.21
Total	20		\$	70,122	\$ 63,191	85.57 %	1.20 %	86.87 %	\$ 14,132	20.15 %	\$ 685	32.36 %

		2015										
		Q4										
		PD range		EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight ²
Low Risk	21	0.00 to 0.15	% \$	38,770	\$ 43,021	82.68 %	0.04 %	86.95 %	\$ 920	2.37 %	\$ 14	2.82 %
Normal Risk	22	0.16 to 0.41		7,477	6,169	88.44	0.25	86.76	833	11.14	16	13.82
	23	0.42 to 1.10		6,645	4,214	90.09	0.69	86.65	1,636	24.62	39	31.96
Medium Risk	24	1.11 to 2.93		5,070	1,950	95.92	1.85	86.28	2,637	52.01	81	71.98
	25	2.94 to 4.74		1,883	505	98.10	3.72	85.91	1,615	85.77	60	125.60
High Risk	26	4.75 to 7.59		1,333	280	98.67	5.97	86.18	1,567	117.55	69	182.26
	27	7.60 to 18.20		1,317	223	98.90	11.25	84.76	2,196	166.74	125	285.38
	28	18.21 to 99.99		559	143	98.87	27.87	73.48	1,171	209.48	114	464.40
Default	29	100.00		115	–	100.00	100.00	73.50	11	9.57	84	922.61
Total	30		\$	63,169	\$ 56,505	86.19 %	1.18 %	86.60 %	\$ 12,586	19.92 %	\$ 602	31.84 %

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² EL adjusted average risk weight is calculated as (RWA + 12.5 x EL) / EAD.

Retail Advanced IRB Exposures – By Obligor Grade – Qualifying Revolving Retail (Continued)¹

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at		LINE #	2015 Q3																
			PD range		EAD	Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs	Average risk weighting		EL	EL adjusted average risk weight	
Low Risk		1	0.00 to 0.15	% \$	37,892	\$	41,942	82.78	%	0.04	%	87.55	% \$	926	2.44	% \$	14	2.91	%
Normal Risk		2	0.16 to 0.41		7,597		6,382	88.33		0.25		86.61		842	11.08		17	13.88	
		3	0.42 to 1.10		6,609		4,231	89.90		0.68		86.84		1,630	24.66		39	32.04	
Medium Risk		4	1.11 to 2.93		5,014		1,926	95.85		1.85		86.50		2,612	52.09		80	72.04	
		5	2.94 to 4.74		1,843		478	98.06		3.72		86.22		1,586	86.06		59	126.07	
High Risk		6	4.75 to 7.59		1,320		268	98.71		5.97		85.80		1,546	117.12		68	181.52	
		7	7.60 to 18.20		1,323		218	98.95		11.24		83.79		2,180	164.78		124	281.93	
		8	18.21 to 99.99		452		76	99.01		28.60		76.43		983	217.48		98	488.50	
Default		9	100		101		—	100.00		100.00		73.31		12	11.88		73	915.35	
Total		10		\$	62,151	\$	55,521	86.24	%	1.13	%	87.02	% \$	12,317	19.82	% \$	572	31.32	%

		2015 Q2															
		PD range		EAD	Notional of undrawn commitments	Average EAD		Average PD		Average LGD		RWAs	Average risk weighting		EL	EL adjusted average risk weight	
Low Risk	11	0.00 to 0.15	% \$	36,656	\$ 40,797	83.03	%	0.04	%	87.63	% \$	902	2.46	% \$	13	2.90	%
Normal Risk	12	0.16 to 0.41		7,659	6,504	88.67		0.25		86.64		850	11.10		17	13.87	
	13	0.42 to 1.10		6,634	4,243	90.63		0.69		86.82		1,641	24.74		40	32.27	
Medium Risk	14	1.11 to 2.93		5,156	1,935	96.50		1.86		86.51		2,695	52.27		83	72.39	
	15	2.94 to 4.74		1,890	441	98.68		3.73		86.30		1,630	86.24		61	126.59	
High Risk	16	4.75 to 7.59		1,330	223	99.37		5.97		85.88		1,560	117.29		68	181.20	
	17	7.60 to 18.20		1,346	170	99.83		11.25		83.93		2,222	165.08		127	283.02	
	18	18.21 to 99.99		461	67	99.86		28.63		76.28		1,002	217.35		99	485.79	
Default	19	100.00		115	—	100.00		100.00		73.96		14	12.17		84	925.22	
Total	20		\$	61,247	\$ 54,380	86.72	%	1.18	%	87.06	% \$	12,516	20.44	% \$	592	32.52	%

		2015																			
		Q1																			
		PD range		EAD		Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs		Average risk weighting		EL		EL adjusted average risk weight	
Low Risk	21	0.00 to 0.15	% \$	36,421	\$	40,405		82.98	%	0.04	%	87.58	% \$	890		2.44	% \$	13		2.89	%
Normal Risk	22	0.16 to 0.41		7,335		6,214		88.52		0.25		86.48		811		11.06		16		13.78	
	23	0.42 to 1.10		6,359		4,081		89.96		0.69		86.67		1,565		24.61		38		32.08	
Medium Risk	24	1.11 to 2.93		4,905		1,824		96.31		1.85		86.47		2,559		52.17		79		72.30	
	25	2.94 to 4.74		1,872		482		98.36		3.72		86.15		1,609		85.95		60		126.01	
High Risk	26	4.75 to 7.59		1,311		244		99.31		5.97		85.84		1,536		117.16		67		181.05	
	27	7.60 to 18.20		1,330		201		99.63		11.25		83.82		2,194		164.96		125		282.44	
	28	18.21 to 99.99		460		78		99.72		28.60		76.12		998		216.96		99		485.98	
Default	29	100.00		111		—		100.00		100.00		73.62		13		11.71		80		912.61	
Total	30		\$	60,104	\$	53,529		86.52	%	1.18	%	86.98	% \$	12,175		20.26	% \$	577		32.26	%

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

Retail Advanced IRB Exposures – By Obligor Grade – Qualifying Revolving Retail (Continued)¹

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at		LINE #	2014 Q4																			
			Notional of undrawn commitments																Average risk weighting		EL adjusted average risk weight	
	PD range		EAD			Average EAD		Average PD		Average LGD		RWAs				EL						
Low Risk	0.00 to 0.15	% \$	36,242	\$	40,020	83.18	%	0.04	%	87.62	% \$	886		2.44	% \$	13	2.89					
Normal Risk	0.16 to 0.41		7,225		6,074	88.62		0.25		86.49		799		11.06		16	13.83					
	0.42 to 1.10		6,049		3,809	90.16		0.69		86.69		1,491		24.65		36	32.09					
Medium Risk	1.11 to 2.93		4,738		1,718	96.32		1.86		86.50		2,477		52.28		76	72.33					
	2.94 to 4.74		1,829		458	98.39		3.73		86.20		1,574		86.06		59	126.38					
High Risk	4.75 to 7.59		1,309		238	99.20		5.98		85.81		1,534		117.19		67	181.17					
	7.60 to 18.20		1,333		190	99.50		11.29		83.90		2,204		165.34		126	283.50					
	18.21 to 99.99		478		85	99.54		28.73		76.17		1,038		217.15		103	486.51					
Default	100.00		113		—	100.00		100.00		74.15		13		11.50		83	929.65					
Total		\$	59,316	\$	52,592	86.64	%	1.20	%	87.01	% \$	12,016		20.26	% \$	579	32.46					

		2014															
		Q3															
		PD range		EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight					
Low Risk	11	0.00 to 0.15	% \$	29,697	\$ 36,913	73.91	%	0.05	%	87.82	% \$	777	2.62	% \$	12	3.12	%
Normal Risk	12	0.16 to 0.41		7,205	7,433	76.45		0.25		86.34		797	11.06		16	13.84	
	13	0.42 to 1.10		6,099	4,453	84.03		0.68		86.50		1,495	24.51		36	31.89	
Medium Risk	14	1.11 to 2.93		4,721	1,937	93.34		1.86		86.15		2,458	52.07		76	72.19	
	15	2.94 to 4.74		1,838	495	96.73		3.73		85.66		1,574	85.64		59	125.76	
High Risk	16	4.75 to 7.59		1,358	277	97.83		5.96		85.23		1,578	116.20		69	179.71	
	17	7.60 to 18.20		1,339	198	98.73		11.28		83.52		2,203	164.53		126	282.15	
	18	18.21 to 99.99		448	68	98.89		28.33		75.91		965	215.40		95	480.47	
Default	19	100.00		132	—	100.00		100.00		75.11		15	11.36		98	939.39	
Total	20		\$	52,837	\$ 51,774	78.68	%	1.36	%	86.93	% \$	11,862	22.45	% \$	587	36.34	%

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

Retail Advanced IRB Exposures – By Obligor Grade – Other Retail^{1,2}

(\$ millions, except as noted)
As at

		2016 Q2											
LINE #													
		PD range	EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight ³		
Low Risk	1	0.00 to 0.15	% \$ 6,974	\$ 2,954	85.96	% 0.07	% 50.96	% \$ 663	9.51	% \$ 3	10.04		%
Normal Risk	2	0.16 to 0.41	7,494	2,305	86.47	0.27	48.89	1,780	23.75	10	25.42		
	3	0.42 to 1.10	12,091	1,316	97.48	0.64	44.19	4,428	36.62	36	40.34		
Medium Risk	4	1.11 to 2.93	6,779	1,035	97.35	1.80	53.20	4,450	65.64	65	77.63		
	5	2.94 to 4.74	2,230	295	97.61	3.72	54.53	1,743	78.16	45	103.39		
High Risk	6	4.75 to 7.59	1,614	167	97.61	5.91	53.82	1,306	80.92	52	121.19		
	7	7.60 to 18.20	1,528	167	99.78	11.04	56.12	1,501	98.23	96	176.77		
	8	18.21 to 99.99	597	28	97.83	31.07	59.92	868	145.39	111	377.81		
Default	9	100.00	168	4	100.00	100.00	51.56	152	90.48	74	641.07		
Total	10		\$ 39,475	\$ 8,271	93.11	% 2.34	% 49.53	% \$ 16,891	42.79	% \$ 492	58.37		%

		2016 Q1											
		PD range	EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight ³		
Low Risk	11	0.00 to 0.15	% \$ 7,916	\$ 3,798	83.23	% 0.07	% 49.53	% \$ 740	9.35	% \$ 3	9.82		%
Normal Risk	12	0.16 to 0.41	6,548	1,588	92.30	0.26	50.73	1,590	24.28	9	26.00		
	13	0.42 to 1.10	12,171	1,511	96.64	0.62	44.05	4,407	36.21	36	39.91		
Medium Risk	14	1.11 to 2.93	6,851	1,089	97.27	1.80	53.34	4,507	65.79	65	77.65		
	15	2.94 to 4.74	2,207	276	98.77	3.73	54.97	1,740	78.84	45	104.33		
High Risk	16	4.75 to 7.59	1,579	143	99.23	5.94	54.35	1,291	81.76	51	122.13		
	17	7.60 to 18.20	1,561	181	99.42	11.02	56.17	1,535	98.33	98	176.81		
	18	18.21 to 99.99	553	16	99.84	30.96	60.80	815	147.38	104	382.46		
Default	19	100.00	167	4	100.00	100.00	51.33	154	92.22	74	646.11		
Total	20		\$ 39,553	\$ 8,606	93.37	% 2.30	% 49.63	% \$ 16,779	42.42	% \$ 485	57.75		%

		2015 Q4											
		PD range	EAD	Notional of undrawn commitments	Average EAD	Average PD	Average LGD	RWAs	Average risk weighting	EL	EL adjusted average risk weight ³		
Low Risk	21	0.00 to 0.15	% \$ 7,609	\$ 3,464	83.64	% 0.07	% 48.11	% \$ 696	9.15	% \$ 3	9.64		%
Normal Risk	22	0.16 to 0.41	6,382	1,500	92.40	0.26	50.13	1,532	24.01	8	25.57		
	23	0.42 to 1.10	12,256	1,430	96.86	0.62	43.61	4,393	35.84	36	39.52		
Medium Risk	24	1.11 to 2.93	6,705	1,034	97.37	1.80	53.14	4,394	65.53	64	77.46		
	25	2.94 to 4.74	2,209	268	98.86	3.73	54.09	1,714	77.59	45	103.06		
High Risk	26	4.75 to 7.59	1,589	143	99.16	5.95	54.11	1,293	81.37	51	121.49		
	27	7.60 to 18.20	1,527	169	99.39	11.04	55.44	1,483	97.12	95	174.89		
	28	18.21 to 99.99	541	13	99.86	30.97	59.47	779	143.99	100	375.05		
Default	29	100.00	134	4	100.00	100.00	51.61	115	85.82	60	645.52		
Total	30		\$ 38,952	\$ 8,025	93.65	% 2.22	% 48.93	% \$ 16,399	42.10	% \$ 462	56.93		%

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes all other retail exposures, such as drawn and undrawn retail exposures outside of Canada.

³ EL adjusted average risk weight is calculated as (RWA + 12.5 x EL) / EAD.

Retail Advanced IRB Exposures – By Obligor Grade – Other Retail (Continued)^{1,2}

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at		LINE #	2015 Q3																			
			PD range		EAD		Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs		Average risk weighting		EL		EL adjusted average risk weight	
Low Risk		1	0.00 to 0.15	% \$	7,449	\$	3,433	83.56	%	0.07	%	55.44	% \$	774	10.39	% \$	3	10.89	%			
Normal Risk		2	0.16 to 0.41		5,965		1,445	92.09		0.26		55.48		1,583	26.54		9	28.42				
		3	0.42 to 1.10		12,817		1,380	97.17		0.63		46.80		4,971	38.78		41	42.78				
Medium Risk		4	1.11 to 2.93		6,675		988	97.46		1.82		55.86		4,617	69.17		68	81.90				
		5	2.94 to 4.74		2,355		269	98.83		3.72		55.98		1,890	80.25		49	106.26				
High Risk		6	4.75 to 7.59		1,636		148	99.18		5.96		54.74		1,347	82.33		53	122.83				
		7	7.60 to 18.20		1,451		180	99.38		11.04		55.26		1,405	96.83		90	174.36				
		8	18.21 to 99.99		437		12	99.86		30.71		61.66		647	148.05		82	382.61				
Default		9	100.00		127		4	100.00		100.00		47.63		115	90.55		51	592.52				
Total		10		\$	38,912	\$	7,859	93.79	%	2.13	%	52.71	% \$	17,349	44.59	% \$	446	58.91	%			

		2015 Q2																			
		PD range		EAD		Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs		Average risk weighting		EL		EL adjusted average risk weight	
Low Risk	11	0.00 to 0.15	% \$	7,271	\$	3,355	83.55	%	0.07	%	55.35	% \$	754	10.37	% \$	3	10.89	%			
Normal Risk	12	0.16 to 0.41		5,786		1,432	92.23		0.26		55.32		1,528	26.41		8	28.14				
	13	0.42 to 1.10		12,344		1,342	97.14		0.63		46.09		4,694	38.03		38	41.87				
Medium Risk	14	1.11 to 2.93		6,320		969	97.47		1.84		54.54		4,283	67.77		63	80.23				
	15	2.94 to 4.74		2,495		274	98.85		3.73		54.87		1,964	78.72		51	104.27				
High Risk	16	4.75 to 7.59		1,745		146	99.21		5.95		54.87		1,440	82.52		57	123.35				
	17	7.60 to 18.20		1,469		181	99.31		10.79		54.04		1,379	93.87		87	167.90				
	18	18.21 to 99.99		317		16	99.79		29.31		56.45		423	133.44		51	334.54				
Default	19			152		4	100.00		100.00		51.34		149	98.03		66	640.79				
Total	20		\$	37,899	\$	7,719	93.81	%	2.15	%	52.08	% \$	16,614	43.84	% \$	424	57.82	%			

		2015 Q1																			
		PD range		EAD		Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs		Average risk weighting		EL		EL adjusted average risk weight	
Low Risk	21	0.00 to 0.15	% \$	7,132	\$	3,252	83.44	%	0.07	%	54.43	% \$	730	10.24	% \$	3	10.76	%			
Normal Risk	22	0.16 to 0.41		5,633		1,402	92.12		0.26		54.38		1,463	25.97		8	27.75				
	23	0.42 to 1.10		12,116		1,445	97.17		0.62		45.72		4,529	37.38		36	41.09				
Medium Risk	24	1.11 to 2.93		6,506		972	97.61		1.92		56.84		4,663	71.67		72	85.51				
	25	2.94 to 4.74		2,344		267	98.89		3.73		54.13		1,820	77.65		47	102.71				
High Risk	26	4.75 to 7.59		1,705		143	99.24		5.96		53.09		1,361	79.82		54	119.41				
	27	7.60 to 18.20		1,405		183	99.35		10.83		53.35		1,303	92.74		82	165.69				
	28	18.21 to 99.99		301		12	99.83		29.22		55.52		396	131.56		48	330.90				
Default	29			154		4	100.00		100.00		51.96		150	97.40		68	649.35				
Total	30		\$	37,296	\$	7,680	93.82	%	2.15	%	51.89	% \$	16,415	44.01	% \$	418	58.02	%			

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes all other retail exposures, such as drawn and undrawn retail exposures outside of Canada.

Retail Advanced IRB Exposures – By Obligor Grade – Other Retail (Continued)^{1,2}

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at		LINE #	2014 Q4																			
			PD range		EAD		Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs		Average risk weighting		EL		EL adjusted average risk weight	
Low Risk		1	0.00 to 0.15	% \$	7,187	\$	3,233	83.84	%	0.07	%	54.44	% \$	734	10.21	% \$	3	10.73	%			
Normal Risk		2	0.16 to 0.41		5,601		1,379	92.22		0.26		54.47		1,456	26.00		8	27.78				
		3	0.42 to 1.10		11,777		1,416	97.12		0.62		46.23		4,454	37.82		36	41.64				
Medium Risk		4	1.11 to 2.93		6,229		956	97.54		1.90		56.19		4,399	70.62		68	84.27				
		5	2.94 to 4.74		2,333		267	98.89		3.73		53.77		1,799	77.11		47	102.29				
High Risk		6	4.75 to 7.59		1,683		148	99.22		5.95		53.28		1,349	80.15		53	119.52				
		7	7.60 to 18.20		1,407		185	99.34		10.86		53.75		1,317	93.60		83	167.34				
		8	18.21 to 99.99		308		18	99.86		29.06		54.43		397	128.90		47	319.64				
Default		9	100.00		155		4	100.00		100.00		51.38		151	97.42		68	645.81				
Total		10		\$	36,680	\$	7,606	93.83	%	2.17	%	51.97	% \$	16,056	43.77	% \$	413	57.85	%			

		2014																			
		Q3																			
		PD range		EAD		Notional of undrawn commitments		Average EAD		Average PD		Average LGD		RWAs		Average risk weighting		EL		EL adjusted average risk weight	
Low Risk	11	0.00 to 0.15	% \$	7,036	\$	3,090	84.24	%	0.07	%	54.31	% \$	711	10.11	% \$	3	10.64	%			
Normal Risk	12	0.16 to 0.41		5,553		1,343	92.94		0.26		54.67		1,454	26.18		8	27.98				
	13	0.42 to 1.10		11,448		1,367	96.74		0.63		46.39		4,371	38.18		35	42.00				
Medium Risk	14	1.11 to 2.93		5,870		1,002	96.97		1.87		55.01		4,037	68.77		61	81.76				
	15	2.94 to 4.74		2,269		270	98.85		3.73		53.39		1,738	76.60		45	101.39				
High Risk	16	4.75 to 7.59		1,707		171	99.16		5.95		52.43		1,346	78.85		53	117.66				
	17	7.60 to 18.20		1,424		195	99.33		10.91		53.40		1,326	93.12		84	166.85				
	18	18.21 to 99.99		343		47	98.42		36.47		59.89		399	116.33		84	422.45				
Default	19	100.00		158		4	100.00		100.00		47.71		158	100.00		63	598.42				
Total	20		\$	35,808	\$	7,489	93.81	%	2.31	%	51.79	% \$	15,540	43.40	% \$	436	58.62	%			

¹ Represents retail exposures under the AIRB Approach. Amounts are before allowance for credit losses and after credit risk mitigation.

² Includes all other retail exposures, such as drawn and undrawn retail exposures outside of Canada.

Non-Retail Advanced IRB Exposures – By Obligor Grade – Corporate

(\$ millions, except as noted)
As at

PD Range ¹ Investment Grade (%)	Internal ratings grade (BRR) ²	External rating equivalent	LINE #	2016 Q2					2016 Q1					2015 Q4				
				Average					Average					Average				
				EAD ³	PD	Average LGD	RWAs	Average risk weighting	EAD ³	PD	Average LGD	RWAs	Average risk weighting	EAD ³	PD	Average LGD	RWAs	Average risk weighting
0.00 to 0.01	0	AAA/Aaa	1	\$ 10,746	—	% 68.78	\$ 38	0.35	\$ 10,999	—	% 70.73	\$ 43	0.39	\$ 10,650	—	% 70.00	\$ 37	0.35
0.01 to 0.03	1A	AA+/Aa1	2	6,167	0.03	2.24	36	0.58	4,374	0.03	1.69	28	0.64	3,145	0.03	1.92	30	0.95
0.03 to 0.04	1B	AA/Aa2	3	26,130	0.03	2.74	211	0.81	14,384	0.03	3.51	175	1.22	14,580	0.03	3.71	189	1.30
0.04 to 0.05	1C	AA-/Aa3	4	17,643	0.04	13.49	1,048	5.94	25,393	0.04	11.06	1,333	5.25	26,942	0.04	9.01	1,089	4.04
0.05 to 0.06	2A	A+/A1	5	8,407	0.05	20.67	833	9.91	11,896	0.05	17.46	1,092	9.18	11,841	0.05	17.30	1,017	8.59
0.06 to 0.07	2B	A/A2	6	9,836	0.06	31.87	1,739	17.68	10,580	0.06	29.39	1,829	17.29	11,299	0.06	27.31	1,852	16.39
0.07 to 0.08	2C	A-/A3	7	16,051	0.07	15.27	1,480	9.22	16,623	0.08	20.57	2,216	13.33	16,513	0.08	26.50	2,572	15.58
0.09 to 0.11	3A	BBB+/Baa1	8	21,845	0.09	20.67	3,182	14.57	25,230	0.11	19.48	3,919	15.53	21,801	0.11	18.64	3,221	14.77
0.12 to 0.15	3B	BBB/Baa2	9	24,316	0.12	18.85	3,706	15.24	25,710	0.15	16.20	4,044	15.73	19,498	0.15	18.17	3,435	17.62
0.16 to 0.23	3C	BBB-/Baa3	10	19,377	0.17	26.93	5,234	27.01	18,800	0.20	26.39	5,461	29.05	17,173	0.20	26.54	5,118	29.80
Non-Investment Grade																		
0.24 to 0.33	4A	BB+/Ba1	11	15,484	0.25	18.73	3,421	22.09	15,901	0.27	17.97	3,556	22.36	15,017	0.27	19.76	3,809	25.36
0.34 to 0.52	4B	BB/Ba2	12	13,389	0.36	27.39	4,838	36.13	13,178	0.37	25.43	4,449	33.76	13,064	0.37	24.83	4,324	33.10
0.53 to 0.79	4C	BB-/Ba3	13	11,968	0.54	24.29	4,722	39.46	12,419	0.56	23.06	4,865	39.17	13,312	0.56	20.29	4,639	34.85
0.80 to 1.22	5A	B+/B1	14	6,445	0.82	29.40	3,591	55.72	8,065	0.86	27.05	4,275	53.01	7,176	0.86	25.35	3,546	49.41
1.23 to 2.50	5B	B/B2	15	6,287	1.24	34.23	4,704	74.82	5,938	1.30	33.68	4,429	74.59	5,570	1.30	33.49	4,132	74.18
2.51 to 10.95	5C	B-/B3	16	15,759	2.59	17.18	7,224	45.84	14,903	2.70	15.74	6,362	42.69	15,710	2.70	13.16	5,608	35.70
Watch and Classified																		
10.96 to 21.10	6	CCC+/Caa1	17	961	11.20	35.91	1,533	159.52	969	11.73	35.92	1,570	162.02	838	11.73	33.86	1,275	152.15
21.11 to 45.99	7	to	18	1,376	21.43	32.38	2,383	173.18	903	22.13	27.36	1,304	144.41	780	22.13	30.44	1,263	161.92
46.00 to 99.99	8	CC/Ca	19	505	46.46	29.34	736	145.74	253	46.00	27.67	344	135.97	187	46.00	23.99	221	118.18
Impaired/Default																		
100.00	9	D	20	212	100.00	51.75	488	230.19	186	100.00	59.97	623	334.95	167	100.00	64.21	725	434.13
Total			21	\$ 232,904	0.71	% 21.27	% \$ 51,147	21.96	\$ 236,704	0.62	% 21.20	% \$ 51,917	21.93	\$ 225,263	0.61	% 21.08	% \$ 48,102	21.35

			2015 Q3							2015 Q2							2015 Q1						
PD Range ¹ Investment Grade (%)	Internal ratings grade (BRR)	External rating equivalent																					
				EAD ³	Average PD	Average LGD	RWAs	Average risk weighting	EAD ³	Average PD	Average LGD	RWAs	Average risk weighting	EAD ³	Average PD	Average LGD	RWAs	Average risk weighting					
0.00 to 0.01	0	AAA/Aaa	22	\$ 10,927	—	% 69.35	% \$ 37	0.34	%	\$ 10,778	—	% 69.31	% \$ 29	0.27	%	\$ 10,851	—	% 64.54	% \$ 36	0.33	%		
0.01 to 0.03	1A	AA+/Aa1	23	3,713	0.03	1.86	25	0.67		2,117	0.03	2.92	28	1.32		1,992	0.03	3.19	24	1.20			
0.03 to 0.04	1B	AA/Aa2	24	19,025	0.03	3.35	196	1.03		14,448	0.03	4.59	217	1.50		14,516	0.04	6.43	352	2.42			
0.04 to 0.05	1C	AA-/Aa3	25	25,919	0.04	8.13	856	3.30		30,148	0.04	7.12	815	2.70		34,016	0.05	6.97	1,032	3.03			
0.05 to 0.06	2A	A+/A1	26	12,585	0.05	15.91	1,034	8.22		6,667	0.05	26.38	922	13.83		6,296	0.06	28.45	960	15.25			
0.06 to 0.07	2B	A/A2	27	12,154	0.06	28.60	2,119	17.43		12,435	0.06	28.60	2,177	17.51		12,206	0.07	30.35	2,384	19.53			
0.07 to 0.10	2C	A-/A3	28	15,948	0.08	21.14	2,159	13.54		8,428	0.08	28.96	1,574	18.68		9,148	0.09	35.02	2,213	24.19			
0.11 to 0.14	3A	BBB+/Baa1	29	16,242	0.11	21.53	2,779	17.11		12,184	0.11	23.22	2,235	18.34		10,184	0.13	27.88	2,489	24.44			
0.15 to 0.19	3B	BBB/Baa2	30	13,847	0.15	22.95	3,166	22.86		11,558	0.15	24.92	2,754	23.83		12,238	0.18	28.04	3,692	30.17			
0.20 to 0.26	3C	BBB-/Baa3	31	22,340	0.20	21.00	5,295	23.70		23,309	0.20	18.26	4,803	20.61		21,103	0.23	25.26	5,974	28.31			
Non-Investment Grade																							
0.27 to 0.36	4A	BB+/Ba1	32	12,839	0.27	20.40	3,373	26.27		12,466	0.27	22.01	3,302	26.49		14,054	0.30	18.74	3,239	23.05			
0.37 to 0.55	4B	BB/Ba2	33	12,505	0.37	24.77	4,203	33.61		11,314	0.37	23.19	3,475	30.71		11,451	0.39	23.23	3,747	32.72			
0.56 to 0.85	4C	BB-/Ba3	34	12,682	0.56	22.84	4,830	38.09		15,234	0.56	18.83	4,723	31.00		11,082	0.59	23.55	4,278	38.60			
0.86 to 1.29	5A	B+/B1	35	6,379	0.86	27.71	3,386	53.08		6,510	0.86	27.51	3,345	51.38		5,864	0.91	27.82	3,135	53.46			
1.30 to 2.69	5B	B/B2	36	4,688	1.30	32.54	3,428	73.12		4,205	1.30	30.39	2,882	68.54		4,256	1.39	30.73	3,049	71.64			
2.70 to 11.67	5C	B-/B3	37	18,429	2.70	12.73	6,464	35.08		17,331	2.70	13.30	6,341	36.59		15,608	2.82	14.77	6,390	40.94			
Watch and Classified																							
11.68 to 22.12	6	CCC+/Caa1	38	602	11.73	33.79	912	151.50		429	11.73	35.15	663	154.55		404	11.68	35.73	638	157.92			
22.13 to 45.99	7	to	39	587	22.13	34.03	1,053	179.39		477	22.13	36.38	913	191.40		402	22.22	34.36	726	180.60			
46.00 to 99.99	8	CC/Ca	40	134	46.00	30.89	205	152.99		81	46.00	25.20	102	125.93		90	50.00	24.54	105	116.67			
Impaired/Default																							
100.00	9	D	41	162	100.00	58.28	340	209.88		118	100.00	55.92	242	205.08		92	100.00	62.91	165	179.35			
Total			42	\$ 221,707	0.59	% 20.48	% \$ 45,860	20.68	%	\$ 200,237	0.58	% 21.02	% \$ 41,542	20.75	%	\$ 195,853	0.56	% 22.56	% \$ 44,628	22.79	%		

¹ PD ranges were revised to reflect non-retail parameter updates in Q2 2016 and Q2 2015.

² Borrower Risk Rating (BRR).

³ EAD includes the effects of credit risk mitigation.

Non-Retail Advanced IRB Exposures – By Obligor Grade – Corporate (Continued)

(\$ millions, except as noted)
As at

			LINE	2014						2014						2014					
			#	Q4						Q3						Q2					
PD Range	Internal ratings grade (BRR)	External rating equivalent		EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting		EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting		EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting	
Investment Grade (%)																					
0.00 to 0.01	0	AAA/Aaa	1	\$ 10,778	–	64.85	\$ 20	0.19	%	\$ 10,651	–	65.15	\$ 20	0.19	%	\$ 10,546	–	64.94	\$ 16	0.15	%
0.01 to 0.03	1A	AA+/Aa1	2	2,098	0.03	2.32	28	1.33		2,268	0.03	2.33	27	1.19		11,964	0.03	1.58	58	0.48	
0.03 to 0.04	1B	AA/Aa2	3	13,713	0.04	6.23	358	2.61		13,482	0.04	4.34	210	1.56		5,256	0.04	9.18	160	3.04	
0.04 to 0.05	1C	AA-/Aa3	4	28,224	0.05	6.52	855	3.03		25,038	0.05	6.34	741	2.96		25,375	0.05	5.86	737	2.90	
0.05 to 0.06	2A	A+/A1	5	5,584	0.06	24.73	791	14.17		5,929	0.06	21.83	759	12.80		5,298	0.06	22.34	690	13.02	
0.06 to 0.07	2B	A/A2	6	9,913	0.07	31.66	2,032	20.50		11,219	0.07	26.51	1,935	17.25		10,339	0.07	28.80	1,944	18.80	
0.07 to 0.10	2C	A-/A3	7	9,445	0.09	33.09	2,244	23.76		11,815	0.09	27.31	2,346	19.86		15,199	0.09	21.38	2,292	15.08	
0.11 to 0.14	3A	BBB+/Baa1	8	9,020	0.13	29.06	2,241	24.84		9,688	0.13	26.51	2,195	22.66		8,423	0.13	31.71	2,192	26.02	
0.15 to 0.19	3B	BBB/Baa2	9	11,575	0.18	27.92	3,370	29.11		10,150	0.18	29.19	3,038	29.93		9,786	0.18	29.67	3,036	31.02	
0.20 to 0.26	3C	BBB-/Baa3	10	17,552	0.23	23.52	4,843	27.59		13,212	0.23	31.41	4,915	37.20		12,320	0.23	33.02	4,757	38.61	
Non-Investment Grade																					
0.27 to 0.36	4A	BB+/Ba1	11	11,805	0.30	20.07	2,965	25.12		13,308	0.30	18.12	3,079	23.14		10,043	0.30	21.53	2,711	26.99	
0.37 to 0.55	4B	BB/Ba2	12	11,331	0.39	22.19	3,507	30.95		13,830	0.39	17.55	3,409	24.65		13,163	0.39	17.98	3,300	25.07	
0.56 to 0.85	4C	BB-/Ba3	13	10,573	0.59	21.54	3,786	35.81		9,780	0.59	22.38	3,655	37.37		9,772	0.59	21.68	3,469	35.50	
0.86 to 1.29	5A	B+/B1	14	5,005	0.91	28.57	2,746	54.87		7,010	0.91	19.06	2,617	37.33		4,765	0.91	26.83	2,505	52.57	
1.30 to 2.69	5B	B/B2	15	4,063	1.39	31.76	2,978	73.30		4,110	1.39	31.59	3,010	73.24		4,113	1.39	30.25	2,847	69.22	
2.70 to 11.67	5C	B-/B3	16	16,164	2.82	14.25	6,361	39.35		16,952	2.82	13.38	6,250	36.87		17,274	2.82	12.53	5,784	33.48	
Watch and Classified																					
11.68 to 22.12	6	CCC+/Caa1	17	501	11.68	32.55	709	141.52		452	11.68	30.63	606	134.07		580	11.68	29.53	750	129.31	
22.13 to 45.99	7	to	18	284	22.22	32.52	479	168.66		294	22.22	34.56	530	180.27		345	22.22	36.91	671	194.49	
46.00 to 99.99	8	CC/Ca	19	95	50.00	27.53	123	129.47		91	50.00	29.81	128	140.66		72	50.00	25.68	88	122.22	
Impaired/Default																					
100.00	9	D	20	103	100.00	61.62	184	178.64		118	100.00	65.06	243	205.93		146	100.00	64.97	307	210.27	
Total			21	\$ 177,826	0.61	% 22.43	% \$ 40,620	22.84	%	\$ 179,397	0.63	% 21.52	% \$ 39,713	22.14	%	\$ 174,779	0.66	% 21.63	% \$ 38,314	21.92	%

¹ EAD includes the effects of credit risk mitigation.

Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign

(\$ millions, except as noted)	LINE
As at	#

PD Range ¹ Investment Grade (%)	Internal ratings grade (BRR)	External rating equivalent		Average risk						Average risk						Average risk											
				EAD ²	Average PD	Average LGD	RWAs	weighting	EAD ²	Average PD	Average LGD	RWAs	weighting	EAD ²	Average PD	Average LGD	RWAs	weighting									
0.00 to 0.01	0	AAA/Aaa	1	\$ 204,237	—	%	19.07	%	\$ 84	0.04	%	\$ 206,081	—	%	20.06	%	\$ 93	0.05	%	\$ 202,378	—	%	20.35	%	\$ 91	0.04	%
0.01 to 0.03	1A	AA+/Aa1	2	12,502	0.01		2.23		59	0.47		14,627	0.01		2.64		107	0.73		15,801	0.01		1.79		68	0.43	
0.03 to 0.04	1B	AA/Aa2	3	13,518	0.03		2.18		92	0.68		10,047	0.03		2.10		82	0.82		9,393	0.03		2.01		76	0.81	
0.04 to 0.05	1C	AA-/Aa3	4	5,793	0.04		2.06		55	0.95		5,414	0.04		2.28		55	1.02		5,653	0.04		2.07		53	0.94	
0.05 to 0.06	2A	A+/A1	5	7,221	0.05		3.01		85	1.18		9,249	0.05		2.92		97	1.05		9,843	0.05		2.56		94	0.95	
0.06 to 0.07	2B	A/A2	6	6,690	0.06		4.45		116	1.73		13,347	0.06		1.05		78	0.58		12,202	0.06		0.90		60	0.49	
0.07 to 0.08	2C	A-/A3	7	3,328	0.07		19.87		231	6.94		2,644	0.08		23.32		236	8.89		1,978	0.08		16.31		128	6.47	
0.09 to 0.11	3A	BBB+/Baa1	8	317	0.09		3.72		9	2.84		1,966	0.11		0.62		10	0.51		138	0.11		8.23		10	7.25	
0.12 to 0.15	3B	BBB/Baa2	9	172	0.12		5.83		5	2.91		386	0.15		2.75		6	1.55		174	0.15		6.31		6	3.45	
0.16 to 0.23	3C	BBB-/Baa3	10	320	0.17		5.78		12	3.75		290	0.20		4.56		10	3.45		144	0.20		4.93		5	3.47	
Non-Investment Grade																											
0.24 to 0.33	4A	BB+/Ba1	11	2	0.25		43.82		1	50.00		13	0.27		26.06		3	23.08		15	0.27		19.23		2	13.33	
0.34 to 0.52	4B	BB/Ba2	12	11	0.36		27.45		3	27.27		4	0.37		12.00		—	—		6	0.37		6.78		—	—	
0.53 to 0.79	4C	BB-/Ba3	13	5	0.54		58.96		4	80.00		1	0.56		60.00		1	100.00		1	0.56		60.00		1	100.00	
0.80 to 1.22	5A	B+/B1	14	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
1.23 to 2.50	5B	B/B2	15	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
2.51 to 10.95	5C	B-/B3	16	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
Watch and Classified																											
10.96 to 21.10	6	CCC+/Caa1	17	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
21.11 to 45.99	7	to	18	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
46.00 to 99.99	8	CC/Ca	19	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
Impaired/Default																											
100.00	9	D	20	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
Total			21	\$ 254,116	0.01	%	16.08	%	\$ 756	0.30	%	\$ 264,069	0.01	%	16.33	%	\$ 778	0.29	%	\$ 257,726	0.01	%	16.49	%	\$ 594	0.23	%

			2015 Q3						2015 Q2						2015 Q1												
PD Range ¹ Investment Grade (%)	Internal ratings grade (BRR)	External rating equivalent																									
			EAD ²	Average PD	Average LGD	RWAs	Average risk weighting	EAD ²	Average PD	Average LGD	RWAs	Average risk weighting	EAD ²	Average PD	Average LGD	RWAs	Average risk weighting										
0.00 to 0.01	0	AAA/Aaa	23	\$ 198,180	—	%	20.86	%	\$ 95	0.05	%	\$ 207,069	—	%	21.08	%	\$ 80	0.04	%	\$ 210,086	—	%	21.83	%	\$ 105	0.05	%
0.01 to 0.03	1A	AA+/Aaa1	22	17,089	0.01		1.71		70	0.41		13,135	0.01		2.06		65	0.49		11,193	0.02		6.09		121	1.08	
0.03 to 0.04	1B	AA/Aaa2	24	10,762	0.03		1.76		78	0.72		8,567	0.03		2.16		76	0.89		8,873	0.04		4.79		122	1.37	
0.04 to 0.05	1C	AA-/Aaa3	25	10,851	0.04		3.10		126	1.16		9,878	0.04		3.52		128	1.30		10,970	0.05		2.92		129	1.18	
0.05 to 0.06	2A	A+/A1	26	2,129	0.05		1.32		14	0.66		1,478	0.05		1.68		12	0.81		1,137	0.06		3.21		20	1.76	
0.06 to 0.07	2B	A/A2	27	8,765	0.06		3.43		114	1.30		12,355	0.06		1.19		70	0.57		11,125	0.07		3.21		117	1.05	
0.07 to 0.10	2C	A-/A3	28	1,505	0.08		3.16		30	1.99		2,294	0.08		21.87		198	8.63		2,363	0.09		23.77		241	10.20	
0.11 to 0.14	3A	BBB+/Baa1	29	276	0.11		5.17		12	4.35		27	0.11		1.26		—	—		52	0.13		12.53		3	5.77	
0.15 to 0.19	3B	BBB/Baa2	30	185	0.15		7.32		7	3.78		151	0.15		8.84		7	4.64		285	0.18		6.25		11	3.86	
0.20 to 0.26	3C	BBB-/Baa3	31	54	0.20		6.18		2	3.70		105	0.20		7.32		6	5.71		45	0.23		21.90		8	17.78	
Non-Investment Grade																											
0.27 to 0.36	4A	BB+/Ba1	32	2	0.27		48.12		1	50.00		4	0.27		42.73		1	25.00		7	0.30		43.57		3	42.86	
0.37 to 0.55	4B	BB/Ba2	33	4	0.37		9.35		—	—		7	0.37		1.00		—	—		—	—		—		—	—	
0.56 to 0.85	4C	BB-/Ba3	34	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
0.86 to 1.29	5A	B+/B1	35	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
1.30 to 2.69	5B	B/B2	36	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
2.70 to 11.67	5C	B-/B3	37	—	—		—		—	—		2	2.70		34.39		2	100.00		—	—		—		—	—	
Watch and Classified																											
11.68 to 22.12	6	CCC+/Caa1	38	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
22.13 to 45.99	7	to	39	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
46.00 to 99.99	8	CC/Ca	40	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
Impaired/Default																											
100.00	9	D	41	—	—		—		—	—		—	—		—		—	—		—	—		—		—	—	
Total	42			\$ 249,802	0.01	%	17.04	%	\$ 549	0.22	%	\$ 255,072	0.01	%	17.70	%	\$ 645	0.25	%	\$ 256,136	0.01	%	18.85	%	\$ 880	0.34	%

¹ PD ranges were revised to reflect non-retail parameter updates in Q2 2016 and Q2 2015.

² EAD includes the effects of credit risk mitigation.

Non-Retail Advanced IRB Exposures – By Obligor Grade – Sovereign (Continued)

(\$ millions, except as noted)
As at

			LINE	2014					2014					2014				
			#	Q4					Q3					Q2				
PD Range	Internal ratings grade	External rating equivalent		EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting	EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting	EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting
Investment Grade (%)	(BRR)																	
0.00 to 0.01	0	AAA/Aaa	1	\$ 205,034	– %	22.84 %	\$ 72	0.04 %	\$ 203,504	– %	29.88 %	\$ 78	0.04 %	\$ 196,341	– %	24.29 %	\$ 69	0.04 %
0.01 to 0.03	1A	AA+/Aa1	2	10,845	0.02	5.16	105	0.97	9,706	0.02	5.88	101	1.04	14,110	0.02	4.29	99	0.70
0.03 to 0.04	1B	AA/Aa2	3	5,935	0.04	3.56	59	0.99	6,154	0.04	3.22	58	0.94	5,559	0.04	2.75	51	0.92
0.04 to 0.05	1C	AA-/Aa3	4	6,135	0.05	4.52	91	1.48	6,245	0.05	3.21	80	1.28	5,481	0.05	3.22	72	1.31
0.05 to 0.06	2A	A+/A1	5	1,409	0.06	2.56	20	1.42	1,083	0.06	3.08	19	1.75	1,302	0.06	2.63	18	1.38
0.06 to 0.07	2B	A/A2	6	7,501	0.07	1.61	55	0.73	8,077	0.07	0.61	29	0.36	4,515	0.07	0.64	14	0.31
0.07 to 0.10	2C	A-/A3	7	1,690	0.09	13.19	107	6.33	1,760	0.09	10.51	98	5.57	1,685	0.09	12.86	108	6.41
0.11 to 0.14	3A	BBB+/Baa1	8	119	0.13	0.16	–	–	13	0.13	12.38	2	15.38	4	0.13	3.04	–	–
0.15 to 0.19	3B	BBB-/Baa2	9	275	0.18	6.03	11	4.00	241	0.18	6.60	10	4.15	179	0.18	7.62	9	5.03
0.20 to 0.26	3C	BBB-/Baa3	10	24	0.23	7.72	2	8.33	21	0.23	7.25	1	4.76	32	0.23	9.71	3	9.38
Non-Investment Grade																		
0.27 to 0.36	4A	BB+/Ba1	11	17	0.30	19.88	3	17.65	12	0.30	18.17	2	16.67	25	0.30	16.92	4	16.00
0.37 to 0.55	4B	BB/Ba2	12	1	0.39	13.65	–	–	1	0.39	13.65	–	–	2	0.39	13.65	–	–
0.56 to 0.85	4C	BB-/Ba3	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0.86 to 1.29	5A	B+/B1	14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1.30 to 2.69	5B	B/B2	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2.70 to 11.67	5C	B-/B3	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Watch and Classified																		
11.68 to 22.12	6	CCC+/Caa1	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22.13 to 45.99	7	to	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
46.00 to 99.99	8	CC/Ca	19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Impaired/Default																		
100.00	9	D	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total			21	\$ 238,985	0.01 %	20.20 %	\$ 525	0.22 %	\$ 236,817	0.01 %	26.21 %	\$ 478	0.20 %	\$ 229,235	0.01 %	21.34 %	\$ 447	0.19 %

¹ EAD includes the effects of credit risk mitigation.

Non-Retail Advanced IRB Exposures – By Obligor Grade – Bank

(\$ millions, except as noted)
As at

(\$ millions, except as noted) As at			LINE #	2016 Q2					2016 Q1					2015 Q4					
PD Range ¹ Investment Grade (%)	Internal ratings grade (BRR)	External rating equivalent		EAD ²	Average PD	Average LGD	RWAs	Average risk weighting	EAD ²	Average PD	Average LGD	RWAs	Average risk weighting	EAD ²	Average PD	Average LGD	RWAs	Average risk weighting	
0.00 to 0.01	0	AAA/Aaa	1	\$ 4	—	% 33.74	% \$ —	—	% \$ 38	—	% 4.99	% \$ —	—	% \$ 5	—	% 34.41	% \$ —	—	%
0.01 to 0.03	1A	AA+/Aa1	2	—	0.03	58.96	—	—	1,237	0.03	1.19	3	0.24	1,166	0.03	3.92	17	1.46	
0.03 to 0.04	1B	AA/Aa2	3	611	0.03	5.20	9	1.47	511	0.03	5.98	9	1.76	878	0.03	3.82	10	1.14	
0.04 to 0.05	1C	AA-/Aa3	4	13,066	0.04	26.32	1,028	7.87	15,038	0.04	21.74	1,110	7.38	15,080	0.04	26.60	1,634	10.84	
0.05 to 0.06	2A	A+/A1	5	19,099	0.05	19.17	1,572	8.23	25,279	0.05	17.04	1,661	6.57	23,787	0.05	19.40	2,090	8.79	
0.06 to 0.07	2B	A/A2	6	31,075	0.06	13.69	1,585	5.10	36,013	0.06	13.87	1,927	5.35	45,349	0.06	11.95	2,464	5.43	
0.07 to 0.08	2C	A-/A3	7	8,126	0.07	14.70	515	6.34	9,626	0.08	12.17	627	6.51	14,017	0.08	15.86	1,175	8.38	
0.09 to 0.11	3A	BBB+/Baa1	8	7,999	0.09	10.09	440	5.50	8,000	0.11	10.27	511	6.39	5,813	0.11	14.49	606	10.42	
0.12 to 0.15	3B	BBB/Baa2	9	2,407	0.12	14.95	172	7.15	2,368	0.15	4.25	71	3.00	1,778	0.15	11.54	206	11.59	
0.16 to 0.23	3C	BBB-/Baa3	10	1,099	0.17	15.00	125	11.37	2,245	0.20	17.56	347	15.46	2,149	0.20	17.67	360	16.75	
Non-Investment Grade																			
0.24 to 0.33	4A	BB+/Ba1	11	342	0.25	9.09	44	12.87	1,095	0.27	11.08	146	13.33	1,175	0.27	20.39	245	20.85	
0.34 to 0.52	4B	BB/Ba2	12	740	0.36	20.31	160	21.62	324	0.37	54.60	184	56.79	320	0.37	23.75	82	25.63	
0.53 to 0.79	4C	BB-/Ba3	13	3	0.54	46.08	2	66.67	45	0.56	15.50	9	20.00	40	0.56	18.64	10	25.00	
0.80 to 1.22	5A	B+/B1	14	4	0.82	22.99	2	50.00	2	0.86	47.45	2	100.00	3	0.86	30.24	2	66.67	
1.23 to 2.50	5B	B/B2	15	9	1.24	8.99	2	22.22	12	1.30	3.68	1	8.33	—	—	—	—	—	
2.51 to 10.95	5C	B-/B3	16	8	2.59	29.99	5	62.50	17	2.70	32.51	19	111.76	42	2.70	46.36	48	114.29	
Watch and Classified																			
10.96 to 21.10	6	CCC+/Caa1	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21.11 to 45.99	7	to	18	14	21.43	58.96	41	292.86	—	—	—	—	—	—	—	—	—	—	
46.00 to 99.99	8	CC/Ca	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Impaired/Default																			
100.00	9	D	20	1	100.00	71.15	5	500.00	—	—	—	—	—	—	—	—	—	—	
Total			21	\$ 84,607	0.07	% 16.68	% \$ 5,707	6.75	% \$ 101,850	0.07	% 15.14	% \$ 6,627	6.51	% \$ 111,602	0.07	% 16.24	% \$ 8,949	8.02	%

			2015 Q3					2015 Q2					2015 Q1								
PD Range ¹ Investment Grade (%)	Internal ratings grade (BRR)	External rating equivalent		EAD ²	Average PD	Average LGD	RWAs	Average risk weighting		EAD ²	Average PD	Average LGD	RWAs	Average risk weighting		EAD ²	Average PD	Average LGD	RWAs	Average risk weighting	
0.00 to 0.01	0	AAA/Aaa	22	\$ 19	—	% 17.20	% \$ —	—	%	\$ 147	—	% 11.46	% \$ —	—	%	\$ 705	—	% 57.24	% \$ —	—	%
0.01 to 0.03	1A	AA+/Aa1	23	1,239	0.03	3.71	18	1.45		1,426	0.03	4.80	27	1.89		1,475	0.03	57.32	210	14.24	
0.03 to 0.04	1B	AA/Aa2	24	957	0.03	3.54	11	1.15		1,034	0.03	3.53	10	0.97		1,402	0.04	46.48	161	11.48	
0.04 to 0.05	1C	AA-/Aa3	25	15,545	0.04	27.46	1,711	11.01		14,099	0.04	32.54	1,801	12.77		13,763	0.05	34.34	1,950	14.17	
0.05 to 0.06	2A	A+/A1	26	24,303	0.05	20.83	2,290	9.42		26,934	0.05	19.30	2,230	8.28		22,561	0.06	20.08	2,173	9.63	
0.06 to 0.07	2B	A/A2	27	32,014	0.06	13.20	1,922	6.00		30,679	0.06	14.43	2,217	7.23		35,623	0.07	13.58	2,555	7.17	
0.07 to 0.10	2C	A-/A3	28	17,625	0.08	13.37	1,490	8.45		14,141	0.08	13.45	1,146	8.10		21,862	0.09	13.01	1,957	8.95	
0.11 to 0.14	3A	BBB+/Baa1	29	7,818	0.11	17.76	1,063	13.60		7,795	0.11	15.20	966	12.39		6,509	0.13	15.47	880	13.52	
0.15 to 0.19	3B	BBB/Baa2	30	1,960	0.15	12.77	238	12.14		2,369	0.15	9.38	211	8.91		2,188	0.18	12.56	277	12.66	
0.20 to 0.26	3C	BBB-/Baa3	31	3,318	0.20	18.40	553	16.67		3,157	0.20	19.25	575	18.21		2,904	0.23	22.73	689	23.73	
Non-Investment Grade																					
0.27 to 0.36	4A	BB+/Ba1	32	247	0.27	12.81	49	19.84		473	0.27	7.73	43	9.09		431	0.30	11.99	68	15.78	
0.37 to 0.55	4B	BB/Ba2	33	673	0.37	25.46	176	26.15		357	0.37	21.02	85	23.81		335	0.39	25.04	106	31.64	
0.56 to 0.85	4C	BB-/Ba3	34	174	0.56	5.42	12	6.90		152	0.56	1.14	3	1.97		222	0.59	17.27	65	29.28	
0.86 to 1.29	5A	B+/B1	35	5	0.86	21.63	2	40.00		2	0.86	50.87	2	100.00		90	0.91	0.14	—	—	
1.30 to 2.69	5B	B/B2	36	19	1.30	60.00	26	136.84		18	1.30	60.00	24	133.33		18	1.39	57.32	25	138.89	
2.70 to 11.67	5C	B-/B3	37	6	2.70	17.40	3	50.00		33	2.70	49.04	35	106.06		4	2.82	15.63	2	50.00	
Watch and Classified																					
11.68 to 22.12	6	CCC+/Caa1	38	—	—	—	—	—		—	—	—	—	—		—	—	—	—	—	
22.13 to 45.99	7	to	39	—	—	—	—	—		—	—	—	—	—		—	—	—	—	—	
46.00 to 99.99	8	CC/Ca	40	—	—	—	—	—		—	—	—	—	—		—	—	—	—	—	
Impaired/Default																					
100.00	9	D	41	—	—	—	—	—		—	—	—	—	—		—	—	—	—	—	
Total			42	\$ 105,922	0.07	% 17.44	% \$ 9,564	9.03	%	\$ 102,816	0.07	% 17.89	% \$ 9,375	9.12	%	\$ 110,092	0.08	% 19.04	% \$ 11,118	10.10	%

¹ PD ranges were revised to reflect non-retail parameter updates in Q2 2016 and Q2 2015.

² EAD includes the effects of credit risk mitigation.

Non-Retail Advanced IRB Exposures – By Obligor Grade – Bank (Continued)

(\$ millions, except as noted)
As at

			LINE	2014	2014	2014										
			#	Q4	Q3	Q2										
PD Range	Internal ratings grade	External rating equivalent														
Investment Grade (%)	(BRR)															
				Average EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting		Average EAD ¹	Average PD	Average LGD	RWAs	Average risk weighting		
0.00 to 0.01	0	AAA/Aaa	1	\$ 17	— %	53.98 %	\$ —	— %	\$ 16	— %	53.93 %	\$ —	— %	\$ 235	0.01 %	57.08 %
0.01 to 0.03	1A	AA+/Aa1	2	827	0.03	57.32	115	13.91	606	0.03	57.32	90	14.85	43	0.03	57.32
0.03 to 0.04	1B	AA/Aa2	3	982	0.04	43.89	117	11.91	916	0.04	42.22	112	12.23	1,239	0.04	46.11
0.04 to 0.05	1C	AA-/Aa3	4	11,870	0.05	31.55	1,570	13.23	12,760	0.05	30.89	1,639	12.84	15,333	0.05	28.94
0.05 to 0.06	2A	A+/A1	5	20,356	0.06	18.27	1,720	8.45	21,750	0.06	17.77	1,785	8.21	19,641	0.06	23.35
0.06 to 0.07	2B	A/A2	6	29,371	0.07	15.24	2,421	8.24	35,933	0.07	11.13	2,295	6.39	27,440	0.07	14.29
0.07 to 0.10	2C	A-/A3	7	21,552	0.09	13.17	2,027	9.41	17,312	0.09	15.34	1,920	11.09	10,829	0.09	22.68
0.11 to 0.14	3A	BBB+/Baa1	8	6,405	0.13	16.06	890	13.90	5,552	0.13	16.24	798	14.37	6,609	0.13	16.92
0.15 to 0.19	3B	BBB-/Baa2	9	2,278	0.18	10.56	258	11.33	2,402	0.18	10.60	258	10.74	3,198	0.18	8.37
0.20 to 0.26	3C	BBB-/Baa3	10	3,465	0.23	18.85	825	23.81	2,344	0.23	17.30	365	15.57	2,279	0.23	18.84
Non-Investment Grade																
0.27 to 0.36	4A	BB+/Ba1	11	684	0.30	7.52	64	9.36	1,040	0.30	4.29	49	4.71	759	0.30	4.98
0.37 to 0.55	4B	BB/Ba2	12	662	0.39	7.28	59	8.91	1,734	0.39	2.03	41	2.36	750	0.39	6.04
0.56 to 0.85	4C	BB-/Ba3	13	189	0.59	13.73	44	23.28	222	0.59	8.69	34	15.32	210	0.59	4.03
0.86 to 1.29	5A	B+/B1	14	5	0.91	8.34	1	20.00	2	0.91	9.30	—	—	2	0.91	25.16
1.30 to 2.69	5B	B/B2	15	30	1.39	57.32	41	136.67	30	1.39	57.32	42	140.00	28	1.39	57.32
2.70 to 11.67	5C	B-/B3	16	43	2.82	35.08	51	118.60	5	2.82	24.00	4	80.00	14	2.82	25.79
Watch and Classified																
11.68 to 22.12	6	CCC+/Caa1	17	—	—	—	—	—	—	—	—	—	—	—	—	—
22.13 to 45.99	7	to	18	—	—	—	—	—	—	—	—	—	—	—	—	—
46.00 to 99.99	8	CC/Ca	19	—	—	—	—	—	—	—	—	—	—	—	—	—
Impaired/Default																
100.00	9	D	20	—	—	—	—	—	—	—	—	—	—	—	—	—
Total			21	\$ 98,736	0.09 %	18.00 %	\$ 10,203	10.33 %	\$ 102,624	0.09 %	16.45 %	\$ 9,432	9.19 %	\$ 88,609	0.09 %	20.38 %

¹ EAD includes the effects of credit risk mitigation.

AIRB Credit Risk Exposures: Undrawn Commitments and EAD on Undrawn Commitments^{1,2}

(\$ millions) As at		LINE #	2016 Q2		2016 Q1		2015 Q4	
By Counterparty Type			Notional undrawn commitments	EAD on undrawn commitments	Notional undrawn commitments	EAD on undrawn commitments	Notional undrawn commitments	EAD on undrawn commitments
Retail								
Residential secured	1		\$ 70,095	\$ 36,210	\$ 69,086	\$ 35,000	\$ 68,182	\$ 34,267
Qualifying revolving retail	2		68,541	54,095	63,191	51,362	56,505	46,382
Other retail	3		8,271	5,351	8,606	5,800	8,025	5,385
	4		146,907	95,656	140,883	92,162	132,712	86,034
Non-retail								
Corporate	5		55,190	38,830	60,448	44,507	56,009	41,289
Sovereign	6		1,380	977	1,445	1,075	1,344	1,000
Bank	7		975	690	1,160	863	1,294	963
	8		57,545	40,497	63,053	46,445	58,647	43,252
Total	9		\$ 204,452	\$ 136,153	\$ 203,936	\$ 138,607	\$ 191,359	\$ 129,286

			2015 Q3		2015 Q2		2015 Q1	
By Counterparty Type			Notional undrawn commitments	EAD on undrawn commitments	Notional undrawn commitments	EAD on undrawn commitments	Notional undrawn commitments	EAD on undrawn commitments
Retail								
Residential secured	10		\$ 66,630	\$ 33,609	\$ 66,567	\$ 33,730	\$ 66,201	\$ 33,526
Qualifying revolving retail	11		55,521	45,601	54,380	45,002	53,529	44,164
Other retail	12		7,859	5,283	7,719	5,218	7,680	5,222
	13		130,010	84,493	128,666	83,950	127,410	82,912
Non-retail								
Corporate	14		47,965	35,376	41,881	30,900	42,631	30,141
Sovereign	15		1,611	1,198	1,504	1,119	1,483	1,075
Bank	16		1,234	918	994	739	934	676
	17		50,810	37,492	44,379	32,758	45,048	31,892
Total	18		\$ 180,820	\$ 121,985	\$ 173,045	\$ 116,708	\$ 172,458	\$ 114,804

			2014 Q4		2014 Q3		2014 Q2	
By Counterparty Type			Notional undrawn commitments	EAD on undrawn commitments	Notional undrawn commitments	EAD on undrawn commitments	Notional undrawn commitments	EAD on undrawn commitments
Retail								
Residential secured	19		\$ 64,686	\$ 32,242	\$ 64,567	\$ 32,144	\$ 64,503	\$ 32,256
Qualifying revolving retail	20		52,592	43,447	51,774	37,458	50,864	30,354
Other retail	21		7,606	5,193	7,489	5,126	7,411	5,020
	22		124,884	80,882	123,830	74,728	122,778	67,630
Non-retail								
Corporate	23		38,748	27,330	38,689	27,339	36,842	26,008
Sovereign	24		1,364	989	1,345	975	1,349	978
Bank	25		828	600	744	539	723	523
	26		40,940	28,919	40,778	28,853	38,914	27,509
Total	27		\$ 165,824	\$ 109,801	\$ 164,608	\$ 103,581	\$ 161,692	\$ 95,139

¹ Notional undrawn commitments are equal to the contractually available amounts provided via committed loan agreements less amounts currently outstanding under those committed loan agreements.

² EAD on undrawn commitments is the amount currently undrawn but expected to be drawn assuming a default on the underlying committed loan agreement.

AIRB Credit Risk Exposures: Loss Experience

(Percentage)	LINE #	2016 Q2	2016 Q1	2015 Q4	2015 Q3

¹ Retail actual and expected loss rates are measured as follows:

Actual loss rate represents the actual write-offs net of recoveries for the current and prior three quarters divided by the outstanding balances taken at the beginning of the four-quarter period starting 15 months ago. This reflects the three-month lag between the definition of default (at 90 days past due) and write-off (at 180 days past due). Expected loss rate represents the loss rate that was predicted at the beginning of the four-quarter period defined above. The expected loss is measured using credit risk parameters (PD x LGD x EAD) divided by outstanding balances at the beginning of the four-quarter period.

² Non-retail actual and expected loss rates are measured as follows:

Actual loss rate represents the change in counterparty-specific allowance plus write-offs less recoveries, divided by the outstanding balances for the same period, for each of the current and prior three quarters. Expected loss rate represents the loss rate that was predicted at the beginning of the applicable four-quarter period defined above. The expected loss is measured using credit risk parameters (PD x LGD x EAD) divided by outstanding balances at the beginning of the four-quarter period.

³ The historical loss rate equals total actual losses for all years in the historically measured period divided by total outstanding balances for all years in the historically measured period. Currently, the Bank includes comparable data from fiscal 2002 through to the current year in the historically measured period. This historical data will be updated annually until a complete business cycle is included in the historically measured period. A business cycle is estimated to be 10 to 15 years in duration.

Commentary:

Differences between actual loss rates and expected loss rates are due to the following reasons:

- Expected losses are calculated using "through the cycle" risk parameters while actual losses are determined at a "point in time" and reflect economic conditions at that time. Using "through the cycle" parameters has the effect of stabilizing expected losses over a longer period of time. As a result, actual losses may exceed expected losses during a recession and may fall below expected losses during economic growth.
- Expected loss parameters are conservatively estimated (that is, adjusted upwards) to account for the limited number of years of historical data available.
- LGD parameters used in the expected loss estimates are adjusted upwards to reflect potential economic downturn conditions.

To ensure our models and risk parameters continue to be reasonable predictors of potential loss, we assess and review our risk parameters against actual loss experience and public sources of information at least annually and we update our models as required.

Retail:

Actual loss rates for retail exposures in the four quarters ended April 30, 2016 remain below their long term historical levels. This is a reflection of the consistently good quality of recent originations.

Non-retail:

Actual loss rates for non-retail exposures remain below the historically measured period. This is because of lower average default rates during these quarters than they were during the historically measured period.

AIRB Credit Risk Exposures: Actual and Estimated Parameters

(Percentage) As at		LINE #	2016 Q2						2016 Q1					
			Average Estimated PD ¹	Actual Default Rate	Average Estimated LGD ²	Actual LGD	Average Estimated EAD	Actual EAD	Average Estimated PD ¹	Actual Default Rate	Average Estimated LGD ²	Actual LGD	Average Estimated EAD	Actual EAD
Retail														
Residential secured uninsured		1	0.30 %	0.28 %	27.55 %	6.43 %	98.35 %	100.48 %	0.28 %	0.28 %	27.26 %	7.45 %	98.32 %	99.97 %
Residential secured insured ³		2	0.44	0.28	n/a	n/a	99.17	99.86	0.39	0.28	n/a	n/a	99.19	99.84
Qualifying revolving retail		3	1.29	1.31	84.47	77.33	96.39	88.66	1.26	1.21	84.61	77.38	99.02	90.25
Other retail		4	1.82	1.38	53.92	44.83	97.63	92.35	1.75	1.35	54.79	45.12	97.98	92.09
Non-Retail														
Corporate		5	1.16	0.44	21.27	8.72	92.67	67.02	1.14	0.42	21.20	10.34	93.20	66.45
Sovereign		6	0.09	—	16.08	n/a	99.75	n/a	0.08	—	16.33	n/a	99.77	n/a
Bank		7	0.22	0.12	16.68	n/a	99.03	n/a	0.23	0.12	15.14	n/a	99.07	n/a
			2015 Q4						2015 Q3					
			Average Estimated PD ¹	Actual Default Rate	Average Estimated LGD ²	Actual LGD	Average Estimated EAD	Actual EAD	Average Estimated PD ¹	Actual Default Rate	Average Estimated LGD ²	Actual LGD	Average Estimated EAD	Actual EAD
Retail														
Residential secured uninsured		8	0.28 %	0.27 %	27.64 %	7.07 %	98.33 %	100.22 %	0.32 %	0.29 %	26.16 %	7.29 %	99.23 %	99.99 %
Residential secured insured ³		9	0.33	0.30	n/a	n/a	99.25	100.06	0.49	0.30	n/a	n/a	99.64	100.00
Qualifying revolving retail		10	1.29	1.19	84.74	77.74	99.33	90.69	1.29	1.15	85.46	78.25	98.85	95.19
Other retail		11	1.74	1.40	56.20	45.92	97.69	91.48	1.89	1.62	57.38	49.26	98.42	92.75
Non-Retail														
Corporate		12	1.13	0.33	21.08	19.34	93.27	68.37	1.21	0.40	20.48	38.03	93.78	69.72
Sovereign		13	0.08	—	16.49	n/a	99.77	n/a	0.57	—	17.04	n/a	99.71	n/a
Bank		14	0.22	0.12	16.24	n/a	98.90	n/a	0.37	0.07	17.44	3.36	98.93	98.57
			2015 Q2						2015 Q1					
			Average Estimated PD ¹	Actual Default Rate	Average Estimated LGD ²	Actual LGD	Average Estimated EAD	Actual EAD	Average Estimated PD ¹	Actual Default Rate	Average Estimated LGD ²	Actual LGD	Average Estimated EAD	Actual EAD
Retail														
Residential secured uninsured		15	0.33 %	0.25 %	26.73 %	7.16 %	99.25 %	99.45 %	0.34 %	0.26 %	27.06 %	7.10 %	99.14 %	99.23 %
Residential secured insured ³		16	0.49	0.29	n/a	n/a	99.65	99.79	0.50	0.30	n/a	n/a	99.66	99.81
Qualifying revolving retail		17	1.34	1.25	85.44	78.78	98.73	95.85	1.31	1.26	85.36	79.26	98.79	96.19
Other retail		18	1.84	1.73	55.41	46.98	98.37	93.14	1.87	1.73	56.06	46.91	98.40	93.26
Non-Retail														
Corporate		19	1.23	0.33	21.02	32.77	94.07	73.26	1.10	0.34	22.56	25.97	93.30	77.12
Sovereign		20	0.58	—	17.70	n/a	99.71	n/a	0.59	—	18.85	n/a	99.69	n/a
Bank		21	0.36	—	17.89	n/a	99.09	n/a	0.35	—	19.04	n/a	99.06	n/a

¹ Estimated PD reflects a one-year through-the-cycle time horizon and is based on long run economic conditions.

² Estimated LGD reflects loss estimates under a severe downturn economic scenario.

³ LGD for the residential secured insured portfolio is n/a due to the effect of credit risk mitigation from government backed entities.

Securitization and Resecuritization Exposures in the Banking Book¹

(\$ millions) As at		LINE #	2016 Q2			2016 Q1			2015 Q4			2015 Q3		
			Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets	Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets	Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets	Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets
Capital Approach and Risk Weighting														
Standardized Approach³														
AA- and above		1	\$ 39,487	\$ —	\$ 7,897	\$ 42,833	\$ —	\$ 8,567	\$ 40,276	\$ —	\$ 8,055	\$ 40,867	\$ —	\$ 8,173
A+ to A-		2	—	—	—	—	—	—	—	—	—	—	—	—
BBB+ to BBB-		3	—	—	—	—	—	—	—	—	—	—	—	—
BB+ to BB-		4	—	—	—	—	—	—	—	—	—	—	—	—
Below BB-/Unrated		5	—	—	—	—	—	—	—	—	—	—	—	—
Ratings Based Approach⁴														
AA- and above		6	2,908	47	233	3,380	57	269	3,277	56	261	2,943	183	277
A+ to A-		7	781	758	868	896	886	1,012	601	860	948	194	873	908
BBB+ to BBB-		8	41	119	295	50	193	469	52	190	456	57	76	204
BB+ to BB-		9	45	3	194	53	3	229	67	3	261	72	3	280
Below BB-/Unrated		10	74	356	2,890	85	350	2,661	84	331	2,604	86	365	2,647
Internal Assessment Approach⁵														
AA- and above		11	13,873	—	651	13,138	—	607	11,255	—	462	14,383	—	636
A+ to A-		12	773	—	93	654	—	79	224	—	27	—	—	—
BBB+ to BBB-		13	—	—	—	—	—	—	—	—	—	—	—	—
BB+ to BB-		14	—	—	—	—	—	—	—	—	—	—	—	—
Below BB-/Unrated		15	—	—	—	—	—	—	—	—	—	—	—	—
Gains on sale recorded upon securitization		16	—	—	n/a	—	—	n/a	—	—	n/a	—	—	n/a
Total		17	\$ 57,982	\$ 1,283	\$ 13,121	\$ 61,089	\$ 1,489	\$ 13,893	\$ 55,836	\$ 1,440	\$ 13,074	\$ 58,602	\$ 1,500	\$ 13,125

			2015 Q2			2015 Q1			2014 Q4			2014 Q3		
			Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets	Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets	Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets	Gross securitization exposures	Gross resecuritization exposures ²	Risk-weighted assets
Capital Approach and Risk Weighting														
Standardized Approach³														
AA- and above		18	\$ 38,166	\$ —	\$ 7,633	\$ 38,283	\$ —	\$ 7,657	\$ 36,472	\$ —	\$ 7,295	\$ 34,840	\$ —	\$ 6,967
A+ to A-		19	—	—	—	—	—	—	—	—	—	—	—	—
BBB+ to BBB-		20	—	—	—	—	—	—	—	—	—	—	—	—
BB+ to BB-		21	—	—	—	—	—	—	—	—	—	—	—	—
Below BB-/Unrated		22	—	—	—	—	—	—	—	—	—	—	—	—
Ratings Based Approach⁴														
AA- and above		23	2,893	181	273	3,186	201	300	3,077	189	285	2,860	195	277
A+ to A-		24	143	841	866	159	918	946	154	845	872	166	860	892
BBB+ to BBB-		25	97	75	222	112	83	253	114	77	240	138	78	253
BB+ to BB-		26	41	3	163	45	4	180	42	3	170	24	3	89
Below BB-/Unrated		27	84	346	2,567	88	372	2,758	82	335	2,553	83	321	2,608
Internal Assessment Approach⁵														
AA- and above		28	13,143	—	554	14,557	—	615	14,449	—	599	15,230	—	662
A+ to A-		29	—	—	—	—	—	—	—	—	—	—	—	—
BBB+ to BBB-		30	—	—	—	—	—	—	—	—	—	—	—	—
BB+ to BB-		31	—	—	—	—	—	—	—	—	—	—	—	—
Below BB-/Unrated		32	—	—	—	—	—	—	—	—	—	—	—	—
Gains on sale recorded upon securitization		33	—	—	n/a	—	—	n/a	—	—	n/a	—	—	n/a
Total		34	\$ 54,567	\$ 1,446	\$ 12,278	\$ 56,430	\$ 1,578	\$ 12,709	\$ 54,390	\$ 1,449	\$ 12,014	\$ 53,341	\$ 1,457	\$ 11,748

¹ Securitization exposures include the Bank's exposures as originator and investor under both the IRB Approach and the Standardized Approach.

² None of the Bank's resecuritization exposures were subject to credit risk mitigation.

³ Securitization exposures subject to the Standardized Approach are primarily comprised of investments held in the Banking book.

⁴ Securitization exposures subject to the ratings based approach primarily include liquidity facilities, credit enhancements, letters of credit, and investments held in the Banking book.

⁵ Securitization exposures subject to the internal assessment approach are primarily comprised of liquidity facilities provided to the Bank's asset-backed commercial paper (ABCP) conduits.

Risk-Weighted Assets¹

(\$ millions) As at		2016 Q2				2016 Q1				2015 Q4				2015 Q3			
	LINE #	Risk-weighted assets				Risk-weighted assets				Risk-weighted assets				Risk-weighted assets			
		Gross exposures	Standardized	Internal ratings based	Total	Gross exposures	Standardized	Internal ratings based	Total	Gross exposures	Standardized	Internal ratings based	Total	Gross exposures	Standardized	Internal ratings based	Total
Credit Risk																	
Retail																	
Residential secured	1	\$ 312,076	\$ 12,348	\$ 16,219	\$ 28,567	\$ 314,082	\$ 13,846	\$ 15,563	\$ 29,409	\$ 309,423	\$ 12,857	\$ 15,869	\$ 28,726	\$ 302,667	\$ 12,891	\$ 16,160	\$ 29,051
Qualifying revolving retail	2	73,566	—	14,903	14,903	70,122	—	14,132	14,132	63,169	—	12,586	12,586	62,151	—	12,317	12,317
Other retail	3	95,166	41,696	16,891	58,587	101,536	46,564	16,779	63,343	98,607	44,577	16,399	60,976	94,895	41,940	17,349	59,289
Non-retail²																	
Corporate	4	347,203	101,895	51,147	153,042	360,216	110,195	51,917	162,112	339,961	102,395	48,102	150,497	328,813	95,915	45,860	141,775
Sovereign	5	193,556	3,772	756	4,528	205,323	3,889	778	4,667	184,430	3,477	594	4,071	176,102	3,556	549	4,105
Bank	6	99,865	2,887	5,707	8,594	118,069	3,027	6,627	9,654	125,144	2,463	8,949	11,412	119,039	2,352	9,564	11,916
Securitization exposures	7	59,265	7,897	5,224	13,121	62,578	8,567	5,326	13,893	57,276	8,055	5,019	13,074	60,102	8,173	4,952	13,125
Equity exposures	8	2,523		755	755	2,700		735	735	2,679		866	866	2,735		856	856
Exposures subject to standardized or IRB approaches	9	1,183,220	170,495	111,602	282,097	1,234,626	186,088	111,857	297,945	1,180,689	173,824	108,384	282,208	1,146,504	164,827	107,607	272,434
Adjustment to IRB RWA for scaling factor	10				6,523				6,552				6,347				6,298
Other assets not included in standardized or IRB approaches²	11	117,910			38,925	124,714			41,092	111,415			40,032	121,321			38,797
Total credit risk	12	\$ 1,301,130			\$ 327,545	\$ 1,359,340			\$ 345,589	\$ 1,292,104			\$ 328,587	\$ 1,267,825			\$ 317,529
Market Risk																	
Trading book	13	n/a			12,892	n/a			11,808	n/a			12,655	n/a			11,659
Operational Risk																	
Standardized approach	14	n/a			43,152	n/a			42,220	n/a			41,118	n/a			40,307
Total Common Equity Tier 1 Capital risk-weighted assets	15				383,589				399,617				382,360				369,495
Tier 1 Capital risk-weighted assets³	16				384,330				400,498				383,301				370,461
Total Capital risk-weighted assets³	17				\$ 384,966				\$ 401,253				\$ 384,108				\$ 371,289

		2015 Q2				2015 Q1				2014 Q4				2014 Q3			
		Risk-weighted assets				Risk-weighted assets				Risk-weighted assets				Risk-weighted assets			
		Gross exposures	Standardized	Internal ratings based	Total	Gross exposures	Standardized	Internal ratings based	Total	Gross exposures	Standardized	Internal ratings based	Total	Gross exposures	Standardized	Internal ratings based	Total
Credit Risk																	
Retail																	
Residential secured	18	\$ 295,122	\$ 11,968	\$ 15,420	\$ 27,388	\$ 295,023	\$ 12,562	\$ 15,441	\$ 28,003	\$ 289,662	\$ 11,052	\$ 14,858	\$ 25,910	\$ 283,398	\$ 10,637	\$ 14,517	\$ 25,154
Qualifying revolving retail	19	61,247	—	12,516	12,516	60,104	—	12,175	12,175	59,316	—	12,016	12,016	52,837	—	11,862	11,862
Other retail	20	89,269	38,349	16,614	54,963	90,925	40,013	16,415	56,428	84,773	35,962	16,056	52,018	82,790	35,057	15,540	50,597
Non-retail²																	
Corporate	21	297,012	86,663	41,542	128,205	296,799	90,510	44,628	135,138	263,774	77,951	40,620	118,571	260,485	73,826	39,713	113,539
Sovereign	22	161,372	3,410	645	4,055	164,583	3,741	880	4,621	132,736	3,474	525	3,999	125,925	3,379	478	3,857
Bank	23	114,872	2,187	9,375	11,562	121,160	1,986	11,118	13,104	108,530	1,746	10,203	11,949	112,904	1,842	9,432	11,274
Securitization exposures	24	56,013	7,633	4,645	12,278	58,008	7,657	5,052	12,709	55,839	7,294	4,720	12,014	54,798	6,968	4,780	11,748
Equity exposures	25	2,583		905	905	2,717		980	980	2,304		926	926	2,284		964	964
Exposures subject to standardized or IRB approaches	26	1,077,490	150,210	101,662	251,872	1,089,319	156,469	106,689	263,158	996,934	137,479	99,924	237,403	975,421	131,709	97,286	228,995
Adjustment to IRB RWA for scaling factor	27				5,946				6,236				5,842				5,681
Other assets not included in standardized or IRB approaches²	28	126,702			33,334	114,219			35,308	93,291			32,680	94,078			30,865
Total credit risk	29	\$ 1,204,192			\$ 291,152	\$ 1,203,538			\$ 304,702	\$ 1,090,225			\$ 275,925	\$ 1,069,499			\$ 265,541
Market Risk																	
Trading book	30	n/a			12,913	n/a			12,201	n/a			14,376	n/a			13,713
Operational Risk																	
Standardized approach	31	n/a			39,531	n/a			38,694	n/a			38,092	n/a			37,462
Total Common Equity Tier 1 Capital risk-weighted assets	32				343,596				355,597				328,393				316,716
Tier 1 Capital risk-weighted assets³	33				344,252				356,352				329,268				317,526
Total Capital risk-weighted assets³	34				\$ 344,813				\$ 356,999				\$ 330,581				\$ 318,743

¹ Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

² Non-retail exposures do not include OSFI "deemed" QCCP exposures; as such exposures are included in "Other assets not included in standardized or IRB Approaches", in accordance with the Basel III regulatory framework.

³ Effective the third quarter of 2014, each capital ratio has its own RWA measure due to the OSFI prescribed scalar for inclusion of the CVA. For the third and fourth quarters of 2014, the scalars for inclusion of CVA for CET1, Tier 1 and Total Capital RWA were 57%, 65% and 77%, respectively.

For fiscal 2015 and 2016, the corresponding scalars are 64%, 71%, and 77%, respectively.

Capital Position – Basel III¹

(\$ millions)		Line #	2016		2015				2014			Cross	OSFI
As at			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	Reference ²	Template
Common Equity Tier 1 Capital													
Common shares plus related contributed surplus	1	\$ 20,682	\$ 20,540	\$ 20,457	\$ 20,387	\$ 20,289	\$ 19,982	\$ 19,961	\$ 19,796	\$ 19,646	A1+A2+B	1	
Retained earnings	2	33,442	32,585	32,053	30,764	29,362	28,373	27,585	26,970	26,134	C	2	
Accumulated other comprehensive income (loss)	3	8,689	13,467	10,209	10,477	7,569	9,956	4,936	3,834	4,206	D	3	
Common Equity Tier 1 Capital before regulatory adjustments		4	62,813	66,592	62,719	61,628	57,220	58,311	52,482	50,600	49,986		6
Common Equity Tier 1 Capital regulatory adjustments													
Goodwill (net of related tax liability)	5	(18,371)	(20,386)	(19,143)	(19,150)	(17,767)	(18,639)	(16,709)	(16,220)	(13,867)	E1+E2-E3	8	
Intangibles (net of related tax liability)	6	(2,071)	(2,215)	(2,192)	(2,273)	(2,254)	(2,432)	(2,355)	(2,327)	(2,299)	F1-F2	9	
Deferred tax assets excluding those arising from temporary differences	7	(322)	(359)	(367)	(412)	(595)	(604)	(485)	(536)	(525)	G	10	
Cash flow hedge reserve	8	(1,595)	(2,127)	(1,498)	(1,296)	(1,271)	(1,658)	(711)	(607)	(791)	H	11	
Shortfall of provisions to expected losses	9	(262)	(178)	(140)	(118)	(132)	(71)	(91)	(101)	(96)	I	12	
Gains and losses due to changes in own credit risk on fair valued liabilities	10	(170)	(249)	(188)	(136)	(94)	(115)	(98)	(77)	(84)	J	14	
Defined benefit pension fund net assets (net of related tax liability)	11	(12)	(11)	(104)	(17)	(16)	(17)	(15)	(61)	(60)	K	15	
Investment in own shares	12	(64)	–	(4)	(24)	–	–	(7)	–	–		16	
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)	13	(1,013)	(1,290)	(1,125)	(1,041)	(951)	(1,167)	(1,046)	(1,080)	(3,293)	L1+L2+L3+L4	19	
Amounts exceeding the 15% threshold												22	
of which: significant investments in the common stocks of financials	14	–	(121)	–	–	–	–	–	–	–		23	
of which: deferred tax assets arising from temporary differences	15	–	(59)	–	–	–	–	–	–	–		25	
Total regulatory adjustments to Common Equity Tier 1 Capital		16	(23,880)	(26,995)	(24,761)	(24,467)	(23,080)	(24,703)	(21,517)	(21,009)	(21,015)		28
Common Equity Tier 1 Capital		17	38,933	39,597	37,958	37,161	34,140	33,608	30,965	29,591	28,971		29
Additional Tier 1 capital instruments													
Directly issued qualifying Additional Tier 1 instruments plus stock surplus	18	2,902	2,901	2,202	2,201	2,047	1,501	1,001	1,001	–	M+N	30/31	
Directly issued capital instruments subject to phase out from Additional Tier 1	19	3,239	3,240	3,211	3,240	3,484	3,941	3,941	4,364	4,911	O1+O2+O3+O4	33	
Additional Tier 1 instruments issued by subsidiaries and held by third parties subject to phase out	20	270	302	399	398	368	388	444	429	490	P	34/35	
Additional Tier 1 capital instruments before regulatory adjustments		21	6,411	6,443	5,812	5,839	5,899	5,830	5,386	5,794	5,401		36
Additional Tier 1 capital instruments regulatory adjustments													
Investment in own Additional Tier 1 instruments	22	–	–	(2)	–	–	–	–	–	–		37	
Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions	23	(352)	(352)	(352)	(352)	(352)	(352)	(352)	(352)	(352)	Q+R	40	
Total regulatory adjustments to Additional Tier 1 Capital		24	(352)	(352)	(354)	(352)	(352)	(352)	(352)	(352)		43	
Additional Tier 1 Capital		25	6,059	6,091	5,458	5,487	5,547	5,478	5,034	5,442	5,049		44
Tier 1 Capital		26	44,992	45,688	43,416	42,648	39,687	39,086	35,999	35,033	34,020		45
Tier 2 capital instruments and provisions													
Directly issued qualifying Tier 2 instruments plus related stock surplus	27	3,748	2,500	2,489	1,497	–	–	–	–	–	S	46	
Directly issued capital instruments subject to phase out from Tier 2	28	4,898	4,897	5,927	5,927	5,927	5,927	6,773	6,773	6,774	T	47	
Tier 2 instruments issued by subsidiaries and held by third parties subject to phase out	29	281	317	207	207	207	207	237	237	237	U1+U2	48/49	
Collective allowances	30	1,820	1,940	1,731	1,629	1,498	1,536	1,416	1,389	1,632	V	50	
Tier 2 Capital before regulatory adjustments		31	10,747	9,654	10,354	9,260	7,632	7,670	8,426	8,399	8,643		51
Tier 2 regulatory adjustments													
Investments in own Tier 2 instruments	32	(20)	–	–	–	–	–	–	–	–		52	
Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions	33	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	(170)	W	55	
Total regulatory adjustments to Tier 2 Capital		34	(190)	(170)	(170)	(170)	(170)	(170)	(170)	(170)		57	
Tier 2 Capital		35	10,557	9,484	10,184	9,090	7,462	7,500	8,256	8,229	8,473		58
Total Capital		36	55,549	55,172	53,600	51,738	47,149	46,586	44,255	43,262	42,493		59
Common Equity Tier 1 Capital RWA³		37	383,589	399,617	382,360	369,495	343,596	355,597	328,393	316,716	313,238		60a
Tier 1 Capital RWA³		38	384,330	400,498	383,301	370,461	344,252	356,352	329,268	317,526	313,238		60b
Total Capital RWA³		39	\$ 384,966	\$ 401,253	\$ 384,108	\$ 371,289	\$ 344,813	\$ 356,999	\$ 330,581	\$ 318,743	\$ 313,238		60c

¹ Capital position has been calculated using the "all-in" basis.

² Cross referenced to the Reconciliation with Balance Sheet Under Regulatory Scope of Consolidation table on page 80.

³ Effective the third quarter of 2014, each capital ratio has its own RWA measure due to the OSFI prescribed scalar for inclusion of the CVA. For the third and fourth quarters of 2014, the scalars for inclusion of CVA for CET1, Tier 1 and Total Capital RWA were 57%, 65% and 77%, respectively. For fiscal 2015 and 2016, the corresponding scalars are 64%, 71%, and 77%, respectively.

Capital Position – Basel III (Continued)

(\$ millions, except as noted)

As at

(\$ millions, except as noted)		Line #	2016		2015				2014			OSFI Template
As at			Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	
Capital Ratios¹												
Common Equity Tier 1 Capital (as percentage of CET1 Capital RWA)	40	10.1 %	9.9 %	9.9 %	10.1 %	9.9 %	9.5 %	9.4 %	9.3 %	9.2 %	61	
Tier 1 (as percentage of Tier 1 Capital RWA)	41	11.7	11.4	11.3	11.5	11.5	11.0	10.9	11.0	10.9	62	
Total Capital (as percentage of Total Capital RWA)	42	14.4	13.7	14.0	13.9	13.7	13.0	13.4	13.6	13.6	63	
Buffer requirement (minimum CET1 requirement plus capital conservation buffer plus global systemically important banks (G-SIBs) buffer plus domestic systemically important banks (D-SIBs) buffer requirement expressed as percentage of RWA)	43	8.0	8.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	64	
of which: capital conservation buffer requirement	44	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	65	
of which: D-SIB buffer requirement ²	45	1.0	1.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	67a	
Common Equity Tier 1 available to meet buffers (as percentage of RWA)	46	10.1	9.9	9.9	10.1	9.9	9.5	9.4	9.3	9.2	68	
OSFI all-in target (minimum plus conservation buffer plus D-SIB surcharge (if applicable))												
Common Equity Tier 1 all-in target ratio	47	8.0	8.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	69	
Tier 1 all-in target ratio	48	9.5	9.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	70	
Total Capital all-in target ratio	49	11.5	11.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	71	
Amounts below the thresholds for deduction (before risk weighting)												
Non-significant investments in the capital of other financials	50	\$ 866	\$ 933	\$ 538	\$ 527	\$ 674	\$ 1,689	\$ 1,006	\$ 741	\$ 1,044	72	
Significant investments in the common stock of financials	51	3,994	3,986	3,909	3,820	3,509	3,478	3,201	3,067	3,226	73	
Mortgage servicing rights	52	21	22	20	18	15	10	9	17	—	74	
Deferred tax assets arising from temporary differences (net of related tax liability)	53	1,571	1,932	1,664	1,453	1,047	1,276	948	979	1,088	75	
Applicable caps on the inclusion of allowances in Tier 2												
Allowance eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)	54	1,820	1,940	1,731	1,629	1,498	1,536	1,416	1,389	1,633	76	
Cap on inclusion of allowances in Tier 2 under standardized approach	55	2,447	2,675	2,511	2,384	2,145	2,240	1,983	1,895	1,866	77	
Capital instruments subject to phase-out arrangements (only applicable between January 1, 2013 to January 1, 2022)												
Current cap on Additional Tier 1 instruments subject to phase out arrangements	56	4,051	4,051	4,726	4,726	4,726	4,726	5,401	5,401	5,401	82	
Amounts excluded from Additional Tier 1 due to cap (excess over cap after redemptions and maturities)	57	—	—	—	—	—	—	—	—	128	83	
Current cap on Tier 2 instruments subject to phase out arrangements	58	5,258	5,258	6,134	6,134	6,134	6,134	7,010	7,010	7,010	84	
Amounts excluded from Tier 2 due to cap (excess over cap after redemptions and maturities)	59	—	—	48	859	849	1,676	804	784	845	85	
Capital Ratios – transitional basis³												
Risk-weighted assets	60	\$ 396,826	\$ 415,418	\$ 405,997	\$ 392,371	\$ 362,871	\$ 364,957	\$ 347,005	\$ 333,679	\$ 330,255		
Common Equity Tier 1 Capital	61	46,439	47,500	45,712	44,920	41,994	41,565	39,095	38,179	38,022		
Tier 1 Capital	62	46,439	47,500	45,712	44,920	41,994	41,565	39,095	38,179	38,022		
Total Capital	63	56,817	56,759	55,618	53,765	49,233	48,796	47,032	46,072	45,276		
Common Equity Tier 1 (as percentage of RWA)	64	11.7 %	11.4 %	11.3 %	11.4 %	11.6 %	11.4 %	11.3 %	11.4 %	11.5 %		
Tier 1 Capital (as percentage of RWA)	65	11.7	11.4	11.3	11.4	11.6	11.4	11.3	11.4	11.5		
Total Capital (as percentage of RWA)	66	14.3	13.7	13.7	13.7	13.6	13.4	13.6	13.8	13.7		
Capital Ratios for significant bank subsidiaries												
TD Bank, National Association (TD Bank, N.A.)⁴												
Common Equity Tier 1 Capital	67	13.4	13.4	13.6	13.6	13.6	12.7	12.7	12.1	12.0		
Tier 1 Capital	68	13.5	13.5	13.7	13.7	13.7	12.9	12.9	12.3	12.2		
Total Capital	69	14.5	14.5	14.7	14.7	14.7	13.9	13.9	13.4	13.3		
TD Mortgage Corporation												
Common Equity Tier 1 Capital	70	31.8	29.5	29.4	29.4	29.4	27.8	28.0	27.8	27.0		
Tier 1 Capital	71	31.8	29.5	29.4	29.4	29.4	27.8	28.0	27.8	27.0		
Total Capital	72	33.0	30.7	30.8	30.8	30.8	29.2	29.6	29.4	28.5		

¹ The "all-in" basis of regulatory reporting includes all of the regulatory adjustments that will be required by 2019.

² Common equity capital D-SIB surcharge in effect from January 1, 2016. Accordingly, amounts for periods prior to Q1 2016 are not applicable (n/a).

³ The "transitional" basis of regulatory reporting allows for certain adjustments to CET1, the largest of which being goodwill, intangible assets and the threshold deductions, to be phased-in over a period of five years starting in 2014, while retaining the phase-out rules for non-qualifying capital instruments. In addition, 100% of the CVA is included for calculation of the transitional ratios.

⁴ On a stand-alone basis, TD Bank, N.A. reports regulatory capital to the Office of the Comptroller of the Currency (OCC) on calendar quarter ends.

Reconciliation with Balance Sheet Under Regulatory Scope of Consolidation

(\$ millions)
As at

Line #	2016 Q2		Cross Reference ³
	Balance Sheet ¹	Under Regulatory scope of consolidation ²	
Cash and due from banks	\$ 3,292	\$ 3,292	
Interest-bearing deposits with banks	47,778	47,754	
Trading loans, securities, and other	93,140	93,140	
Derivatives	73,092	73,070	
Financial assets designated at fair value through profit or loss	4,279	2,606	
Held-to-maturity securities	76,881	76,881	
Available-for-sale securities	93,644	91,770	
Securities purchased under reverse repurchase agreements	93,820	93,820	
Loans	556,980	556,768	
Allowance for loan losses	(3,616)	(3,616)	
Eligible general allowance reflected in Tier 2 regulatory capital		(1,820)	V
Shortfall of allowance to expected loss		(262)	I
Allowances not reflected in regulatory capital		(1,534)	
Other	85,496	83,717	
Investment in TD Ameritrade			
Significant investments exceeding regulatory thresholds		720	L1
Significant investments not exceeding regulatory thresholds		2,977	
Imputed goodwill		2,776	E2
Goodwill		15,689	E1
Other intangibles		2,488	F1
Other intangibles (Mortgage Servicing Rights)		21	
Deferred tax assets			
Deferred tax assets (DTA) excluding those arising from temporary differences		322	
DTA's (net of associated deferred tax liabilities (DTL)) realizable through net operating loss (NOL) carryback		1,239	G
DTA's (net of associated DTL's) arising from temporary differences but not realizable through NOL carryback		1,571	
DTA's (net of associated DTL's) arising from temporary differences but not realizable through NOL carryback exceeding regulatory thresholds		-	L4
Other DTA/DTL adjustments ⁴		(1,272)	
Significant investments in financials (excluding TD Ameritrade)			
Significant investments exceeding regulatory thresholds		13	L2
Significant investments in Additional Tier 1 Capital		2	R
Significant investments not exceeding regulatory thresholds		53	
Defined pension benefits		12	K
Other Assets		57,106	
TOTAL ASSETS	1,124,786	1,119,202	
LIABILITIES AND EQUITY⁵			
Trading deposits	66,402	66,402	
Derivatives	67,283	67,283	
Securitization liabilities at fair value	11,335	11,335	
Other financial liabilities designated at fair value through profit or loss	762	762	
Deposits	714,531	714,531	
Other	187,757	182,173	
Deferred tax liabilities			
Goodwill		94	E3
Intangible assets (excluding mortgage servicing rights)		417	F2
Other deferred tax liabilities (Cash flow hedges and other DTL's)		1,068	
Other DTA/DTL adjustments ⁴		(1,270)	
Gains and losses due to changes in own credit risk on fair value liabilities		170	J
Other liabilities		181,694	
Subordinated notes and debentures	8,893	8,893	
Directly issued qualifying Tier 2 instruments		3,748	S
Directly issued capital instruments subject to phase out from Tier 2		4,898	T
Capital instruments issued by subsidiaries and held by third parties-Tier 2		270	U1
Capital instruments not allowed for regulatory capital		(23)	
Liabilities	1,056,963	1,051,379	
Common Shares	20,499	20,499	A1
Preferred Shares	3,400	3,400	
Directly issued qualifying Additional Tier 1 instruments		2,900	M
Directly issued capital instruments subject to phase out from Additional Tier 1		500	O2
Treasury Shares - Common	(4)	(4)	A2
Treasury Shares - Preferred	(4)	(4)	O4
Contributed Surplus	189	189	
Contributed surplus - Common Shares		187	B
Contributed surplus - Preferred Shares		2	N
Retained Earnings	33,442	33,442	C
Accumulated other comprehensive income	8,689	8,689	D
Cash flow hedges requiring derecognition		1,595	H
Net AOCI included as capital		7,094	
Non-controlling interests in subsidiaries	1,612	1,612	
Portion allowed for regulatory capital (directly issued)		993	O3
Portion allowed for regulatory capital (issued by subsidiaries and held by third parties) subject to phase out - additional Tier 1		270	P
Portion allowed for regulatory capital (issued by subsidiaries and held by third parties) subject to phase out - Tier 2		11	U2
Portion not allowed for regulatory capital subject to phase out		338	
TOTAL LIABILITIES AND EQUITY	\$ 1,124,786	\$ 1,119,202	

¹ As per Balance Sheet on page 13.

² Legal entities excluded from the regulatory scope of consolidation included the following insurance subsidiaries: Meloche Monnex Inc. (consolidated), TD Life Insurance Company and TD Reinsurance (Barbados) Inc. which have total assets included in the consolidated Bank of \$5.6 billion and total equity of \$1.9 billion of which \$280 million is deducted from CET1, \$350 million is deducted from additional Tier 1 and \$170 million is deducted from Tier 2 Capital. Cross referenced (L3, Q, W) respectively, to the Capital Position - Basel III on page 78.

³ Cross referenced to the current period on the Capital Position - Basel III on pages 78 and 79.

⁴ This adjustment is related to deferred tax assets/liabilities netted for financial accounting purposes.

⁵ Included in current cap on additional Tier 1 instruments is \$1.7 billion (O1 - cross referenced to Capital Position - Basel III on page 78) related to TD Capital Trust IV (no longer consolidated as the Bank is not the primary beneficiary of the trust).

Flow Statement for Regulatory Capital¹

(\$ millions)	Line #	2016		2015				2014			
		Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	
Common Equity Tier 1											
Balance at beginning of period	1	\$ 39,597	\$ 37,958	\$ 37,161	\$ 34,140	\$ 33,608	\$ 30,965	\$ 29,591	\$ 28,971	\$ 27,803	
New capital issues	2	20	124	32	7	47	42	24	61	67	
Redeemed capital ²	3	—	(487)	—	—	—	—	—	(220)	—	
Gross dividends (deductions)	4	(1,054)	(971)	(971)	(970)	(967)	(891)	(898)	(889)	(905)	
Shares issued in lieu of dividends (add back)	5	84	81	82	97	81	95	82	94	74	
Profit attributable to shareholders of the parent company ³	6	2,024	2,194	1,810	2,238	1,831	2,033	1,719	2,080	1,962	
Removal of own credit spread (net of tax)	7	79	(61)	(52)	(42)	21	(17)	(21)	7	12	
Movements in other comprehensive income											
Currency translation differences	8	(4,535)	2,934	(19)	3,097	(1,925)	4,173	1,036	(154)	(482)	
Available-for-sale investments	9	230	(245)	(424)	(147)	(55)	69	(48)	1	23	
Other	10	59	(60)	(27)	(67)	(20)	(170)	11	(35)	(46)	
Goodwill and other intangible assets (deduction, net of related tax liability)	11	2,159	(1,266)	88	(1,402)	1,050	(2,007)	(517)	(2,380)	199	
Other, including regulatory adjustments and transitional arrangements											
Deferred tax assets that rely on future profitability (excluding those arising from temporary differences)	12	37	8	45	183	9	(119)	51	(11)	(37)	
Prudential valuation adjustments	13	—	—	—	—	—	—	—	—	—	
Other	14	233	(612)	233	27	460	(565)	(65)	2,066	301	
Balance at end of period	15	38,933	39,597	37,958	37,161	34,140	33,608	30,965	29,591	28,971	
Additional Tier 1 Capital											
Balance at beginning of period	16	6,091	5,458	5,487	5,547	5,478	5,034	5,442	5,049	5,049	
New additional Tier 1 eligible capital issues	17	—	700	—	150	550	500	—	1,000	—	
Redeemed capital	18	—	—	—	(250)	(450)	—	(425)	(625)	—	
Other, including regulatory adjustments and transitional arrangements	19	(32)	(67)	(29)	40	(31)	(56)	17	18	—	
Balance at end of period	20	6,059	6,091	5,458	5,487	5,547	5,478	5,034	5,442	5,049	
Total Tier 1 Capital	21	44,992	45,688	43,416	42,648	39,687	39,086	35,999	35,033	34,020	
Tier 2 Capital											
Balance at beginning of period	22	9,484	10,184	9,090	7,462	7,500	8,256	8,229	8,473	8,474	
New Tier 2 eligible capital issues	23	1,250	—	1,000	1,500	—	—	—	—	—	
Redeemed capital	24	—	(1,000)	(800)	—	—	—	—	—	—	
Amortization adjustments	25	—	—	—	—	—	—	—	—	—	
Allowable collective allowance	26	(120)	209	102	131	(38)	120	27	(245)	—	
Other, including regulatory adjustments and transitional arrangements	27	(57)	91	792	(3)	—	(876)	—	1	(1)	
Balance at end of period	28	10,557	9,484	10,184	9,090	7,462	7,500	8,256	8,229	8,473	
Total Regulatory Capital	29	\$ 55,549	\$ 55,172	\$ 53,600	\$ 51,738	\$ 47,149	\$ 46,586	\$ 44,255	\$ 43,262	\$ 42,493	

¹ The statement is based on the applicable regulatory rules in force at the period end.

² Represents impact of shares repurchased for cancellation.

³ Profit attributable to shareholders of the parent company reconciles to the income statement.

Leverage Ratio

(\$ millions, except as noted)
As at

Summary comparison of accounting assets vs. leverage ratio exposure measure – Transitional basis

Total consolidated assets as per published financial statements
Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation
Adjustments for fiduciary assets recognized on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure
Adjustments for derivative financial instruments
Adjustment for securities financing transactions (SFT)
Adjustment for off-balance sheet items (credit equivalent amounts)
Other adjustments

Leverage Ratio Exposure – Transitional basis

Line #	2016		2015				OSFI Template
	Q2	Q1	Q4	Q3	Q2	Q1	
1	\$ 1,124,786	\$ 1,173,584	\$ 1,104,373	\$ 1,099,202	\$ 1,030,954	\$ 1,080,155	1
2	(4,059)	(4,093)	(3,979)	(3,874)	(3,814)	(3,804)	2
3	–	–	–	–	–	–	3
4	(32,323)	(39,178)	(22,603)	(26,475)	(24,240)	(41,952)	4
5	1,515	1,785	1,500	1,408	1,501	1,555	5
6	112,988	118,441	107,995	104,637	96,540	98,120	6
7	(23,382)	(26,108)	(23,561)	(23,327)	(21,928)	(22,656)	7
8	\$ 1,179,525	\$ 1,224,431	\$ 1,163,725	\$ 1,151,571	\$ 1,079,013	\$ 1,111,418	8

Leverage Ratio Common Disclosure Template

On-balance sheet exposures

On-balance sheet items (excluding derivatives, SFTs and grandfathered securitization exposures but including collateral)
Less: Asset amounts deducted in determining Basel III transitional Tier 1 Capital

Total on-balance sheet exposures (excluding derivatives and SFTs)

Derivative exposures

Replacement cost associated with all derivative transactions (such as net of eligible cash variation margin)
Add-on amounts for potential future exposure (PFE) associated with all derivative transactions
Gross up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework
Deductions of receivables assets for cash variation margin provided in derivative transactions
Exempted central counterparty (CCP)-leg of client cleared trade exposures
Adjusted effective notional amount of written credit derivatives
Adjusted effective notional offsets and add-on deductions for written credit derivatives

Total derivative exposures

Securities financing transaction exposures

Gross SFT assets recognized for accounting purposes (with no recognition of netting), after adjusting for sale accounting transactions
Netted amounts of cash payables and cash receivables of gross SFT assets
Counterparty credit risk (CCR) exposure for SFTs
Agent transaction exposures

Total securities financing transaction exposures

Other off-balance sheet exposures

Off-balance sheet exposure at gross notional amount
Adjustments for conversion to credit equivalent amounts
Off-balance sheet items

Capital and Total Exposures – Transitional basis

Tier 1 Capital
Total Exposures (sum of lines 11, 19, 24 and 27)

Leverage Ratio – Transitional basis (line 28 divided by line 29)

"All-in" basis (required by OSFI)

Tier 1 Capital – "All-in" basis (line 26 on page 78)
Regulatory adjustments

Total Exposures (sum of lines 29 and 32, less the amount reported in line 10) – "All-in" basis

Leverage Ratio – "All-in" basis (line 31 divided by line 33)

9	\$ 953,134	\$ 982,290	\$ 932,802	\$ 917,148	\$ 872,009	\$ 889,624	1
10	(22,678)	(25,449)	(22,735)	(22,489)	(21,083)	(22,525)	2
11	930,456	956,841	910,067	894,659	850,926	867,099	3
12	15,082	20,929	16,252	18,777	13,259	21,788	4
13	32,224	34,716	38,069	37,236	34,463	35,611	5
14	–	–	–	–	–	–	6
15	(7,004)	(9,696)	(8,023)	(7,920)	(7,419)	(6,668)	7
16	–	–	–	–	–	–	8
17	1,413	1,328	904	727	711	723	9
18	(967)	(853)	(403)	(278)	(213)	(221)	10
19	40,748	46,424	46,799	48,542	40,801	51,233	11
20	93,819	100,940	97,364	102,325	89,247	93,407	12
21	–	–	–	–	–	–	13
22	1,515	1,785	1,500	1,408	1,499	1,559	14
23	–	–	–	–	–	–	15
24	95,334	102,725	98,864	103,733	90,746	94,966	16
25	437,787	449,318	421,002	387,045	365,833	367,440	17
26	(324,800)	(330,877)	(313,007)	(282,408)	(269,293)	(269,320)	18
27	112,987	118,441	107,995	104,637	96,540	98,120	19
28	46,439	47,500	45,712	44,920	41,994	41,565	20
29	\$ 1,179,525	\$ 1,224,431	\$ 1,163,725	\$ 1,151,571	\$ 1,079,013	\$ 1,111,418	21
30	3.9 %	3.9 %	3.9 %	3.9 %	3.9 %	3.7 %	22
31	\$ 44,992	\$ 45,688	\$ 43,416	\$ 42,648	\$ 39,687	\$ 39,086	23
32	(24,061)	(27,098)	(24,927)	(24,683)	(23,337)	(24,938)	24
33	\$ 1,178,142	\$ 1,222,782	\$ 1,161,533	\$ 1,149,377	\$ 1,076,759	\$ 1,109,005	25
34	3.8 %	3.7 %	3.7 %	3.7 %	3.7 %	3.5 %	26

Adjustments for Items of Note, Net of Income Taxes - Footnotes¹

- 1 The adjustments for items of note, net of income taxes, are removed from reported results to arrive at adjusted results.
- 2 Amortization of intangibles relate to intangibles acquired as a result of asset acquisitions and business combinations. Although the amortization of software and asset servicing rights are recorded in amortization of intangibles, they are not included for purposes of the items of note.
- 3 The Bank changed its trading strategy with respect to certain trading debt securities and reclassified these securities from trading to the available-for-sale category effective August 1, 2008. These debt securities are economically hedged, primarily with credit default swap and interest rate swap contracts which are recorded on a fair value basis with changes in fair value recorded in the period's earnings. Management believes that this asymmetry in the accounting treatment between derivatives and the reclassified debt securities results in volatility in earnings from period to period that is not indicative of the economics of the underlying business performance in Wholesale Banking. The Bank may from time to time replace securities within the portfolio to best utilize the initial, matched fixed term funding. As a result, the derivatives are accounted for on an accrual basis in Wholesale Banking and the gains and losses related to the derivatives in excess of the accrued amounts are reported in the Corporate segment. Adjusted results of the Bank exclude the gains and losses of the derivatives in excess of the accrued amount.
- 4 In the second quarter of 2016, the Bank recorded impairment losses on goodwill, certain intangibles, other non-financial assets and deferred tax assets, as well as other charges relating to the Direct Investing business in Europe that has been experiencing continued losses. These amounts are reported in the Corporate segment.
- 5 During 2015, the Bank commenced its restructuring review and recorded restructuring charges of \$337 million (\$228 million after tax) and \$349 million (\$243 million after tax) on a net basis, in the second quarter and fourth quarter of 2015, respectively. The restructuring initiatives were intended to reduce costs and manage expenses in a sustainable manner and to achieve greater operational efficiencies. These measures included process redesign and business restructuring, retail branch and real estate optimization, and organizational review. The restructuring charges have been recorded as an adjustment to net income within the Corporate segment.
- 6 On October 1, 2015, the Bank acquired substantially all of Nordstrom's existing U.S. Visa and private label consumer credit card portfolio and became the primary issuer of Nordstrom credit cards in the U.S. The transaction was treated as an asset acquisition and the difference on the date of acquisition of the transaction price over the fair value of assets acquired has been recorded in Non-interest income. In addition, the Bank incurred set-up, conversion and other one-time costs related to integration of the acquired cards and related program agreement. These amounts are included as an item of note in the U.S. Retail segment.
- 7 As a result of an adverse judgment and evaluation of certain other developments and exposures in the U.S. in 2015, the Bank took prudent steps to reassess its litigation provision. Having considered these factors, including related or analogous cases, the Bank determined, in accordance with applicable accounting standards, that an increase of \$52 million (\$32 million after tax) to the Bank's litigation provision was required in the second quarter of 2015. During the third quarter of 2015, distributions of \$39 million (\$24 million after tax) were received by the Bank as a result of previous settlements reached on certain matters in the U.S., whereby the Bank was assigned the right to these distributions, if and when made available. The amount in the third quarter of 2015 reflects this recovery of previous settlements.
- 8 As a result of the acquisition of the credit card portfolio of MBNA Canada, as well as certain other assets and liabilities, the Bank incurred integration charges. Integration charges consist of costs related to information technology, employee retention, external professional consulting charges, marketing (including customer communication and rebranding), integration-related travel, employee severance costs, consulting, and training. The Bank's integration charges related to the MBNA acquisition were higher than what were anticipated when the transaction was first announced. The elevated spending was primarily due to additional costs incurred (other than the amounts capitalized) to build out technology platforms for the business. Integration charges related to this acquisition were incurred by the Canadian Retail segment. The fourth quarter of 2014 was the last quarter Canadian Retail included any further MBNA-related integration charges as an item of note.
- 9 On December 27, 2013, the Bank acquired approximately 50% of the existing Aeroplan credit card portfolio from the Canadian Imperial Bank of Commerce (CIBC) and on January 1, 2014, the Bank became the primary issuer of Aeroplan Visa credit cards. The Bank incurred program set-up, conversion and other one-time costs related to the acquisition of the portfolio and related affinity agreement, consisting of information technology, external professional consulting, marketing, training, and program management as well as a commercial subsidy payment of \$127 million (\$94 million after tax) payable to CIBC. These costs are included as an item of note in the Canadian Retail segment. The third quarter of 2014 was the last quarter Canadian Retail included any set-up, conversion or other one-time costs related to the acquired Aeroplan credit card portfolio as an item of note.
- 10 In 2013, the Bank recorded a provision for credit losses of \$65 million (\$48 million after tax) for residential loan losses from Alberta flooding and subsequently released \$40 million (\$29 million after tax). In the third quarter of 2014, the Bank released the remaining provision of \$25 million (\$19 million after tax) due to low levels of delinquency and impairments to date, as well as a low likelihood of future material losses within the portfolio.
- 11 On November 12, 2013, TD Waterhouse Canada Inc., a subsidiary of the Bank, completed the sale of the Bank's institutional services business, known as TD Waterhouse Institutional Services, to a subsidiary of National Bank of Canada. The transaction price was \$250 million in cash, subject to certain price adjustment mechanisms which were settled in the third and fourth quarters of 2014. On the transaction date, a gain of \$196 million after tax was recorded in the Corporate segment in other income. The gain is not considered to be in the normal course of business for the Bank.
- 12 The impact of the items of note on EPS is calculated by dividing net income available to common shareholders by the weighted-average number of common shares outstanding for the period. As a result, the sum of the quarterly EPS impact may not equal the year-to-date EPS impact.

Glossary

Regulatory Capital

Risk-weighted assets (RWA)

- Used in the calculation of risk-based capital ratios, total risk-weighted assets are calculated for credit, operational and market risks using the approaches described below. Effective the third quarter of 2014, there are three different measures of RWA used for each capital ratio due to the different scalars used for the phase-in of the CVA. For the third and fourth quarters of 2014, the scalars for inclusion of CVA for CET1, Tier 1 and Total Capital RWA were 57%, 65% and 77%, respectively. For fiscal 2015 and 2016, the corresponding scalars are 64%, 71%, and 77%, respectively.

Approaches used by the Bank to calculate RWA For Credit Risk

Standardized Approach

- Under this approach, banks apply a standardized set of risk-weights to exposures, as prescribed by the regulator, to calculate credit risk capital requirements. Standardized risk-weights are based on external credit assessments, where available, and other risk-related factors, including exposure asset class, collateral, etc.

Advanced Internal Ratings Based (AIRB)
Approach

- Under this approach, banks use their own internal historical experience of PD, LGD, EAD and other key risk assumptions to calculate credit risk capital requirements. Use of the AIRB approach is subject to supervisory approval.

For Operational Risk

Standardized Approach

- Under this approach, banks apply prescribed factors to a three-year average of annual gross income for each of eight different business lines representing the different activities of the institution (such as, Corporate Finance, Retail Banking, Asset Management).

For Market Risk

Standardized Approach
Internal Models Approach

- Under this approach, banks use standardized capital charges prescribed by the regulator to calculate general and specific risk components of market risk.
- Under this approach, banks use their own internal risk management models to calculate specific risk and general market risk charges.

Credit Risk Terminology

Gross credit risk exposure

- The total amount the Bank is exposed to at the time of default measured before counterparty-specific provisions or write-offs. Includes exposures under both the Standardized and AIRB approaches to credit risk.

Counterparty Type / Exposure Classes:

Retail

Residential Secured
Qualifying Revolving Retail (QRR)

- Includes residential mortgages and home equity lines of credit extended to individuals.
- Includes credit cards, unsecured lines of credit and overdraft protection products extended to individuals (in the case of the Standardized Approach to credit risk, credit card exposures are included in the "Other Retail" category).
- Includes all other loans (such as, personal loans, student lines of credit and small business loans) extended to individuals and small businesses.

Other Retail

Non-retail

Corporate
Sovereign
Bank

- Includes exposures to corporations, partnerships or proprietorships.
- Includes exposures to central governments, central banks, multilateral development banks and certain public sector entities.
- Includes exposures to deposit-taking institutions, securities firms and certain public sector entities.

Equities

- Equities exposures in the banking book comprise mainly of exposures held with the objective of earning profits or to meet regulatory requirements in the United States (including Federal Reserve Bank and Federal Home Loan Bank equities). A small portfolio is held for strategic and other reasons.

Exposure Types:

Drawn
Undrawn (commitment)
Repo-style transactions
OTC derivatives
Other off-balance sheet

- The amount of funds advanced to a borrower.
- The difference between the authorized and drawn amounts (e.g. the unused portion of a line of credit / committed credit facility).
- Repurchase and reverse repurchase agreements, securities borrowing and lending.
- Privately negotiated derivative contracts.
- All off-balance sheet arrangements other than derivatives and undrawn commitments (such as letters of credit, letters of guarantee).

AIRB Credit Risk Parameters:

Probability of Default (PD)
Exposure at Default (EAD)
Loss Given Default (LGD)

- The likelihood that the borrower will not be able to meet its scheduled repayments within a one year time horizon.
- The total amount the Bank is exposed to at the time of default.
- The amount of the loss when a borrower defaults on a loan, which is expressed as a percentage of EAD.

Credit Valuation Adjustment (CVA)

- CVA represents a capital charge that measures credit risk due to default of derivative counterparties. This charge requires banks to capitalize for the potential changes in counterparty credit spread for the derivative portfolios. As per OSFI's Final Capital Adequacy Requirements (CAR) guideline, the CVA capital charge has been implemented for 2014 and will be fully phased in by 2019.

Common Equity Tier 1 (CET1)

- This is a primary Basel III capital measure comprised mainly of common equity, retained earnings and accumulated other comprehensive income (loss). Regulatory deductions made to arrive at the CET1 Capital include, goodwill and intangibles, unconsolidated investments in banking, financial, and insurance entities, deferred tax assets, defined benefit pension fund assets and shortfalls in allowances.

CET1 Ratio

- CET1 ratio represents the predominant measure of capital adequacy under Basel III and equals CET1 Capital divided by CET1 Capital RWA.

Return on Common Equity Tier 1 (CET1) Capital risk-weighted assets

- Net income available to common shareholders as a percentage of average CET1 Capital RWA.

Liquidity Coverage Ratio (LCR)

- LCR is calculated by dividing the total stock of unencumbered high quality liquid assets by the expected next 30 day stressed cash outflow.

Acronyms

Acronym	Definition	Acronym	Definition
ABCP	Asset-Backed Commercial Paper	IRB	Internal Ratings Based
ACI	Acquired Credit-Impaired	LCR	Liquidity Coverage Ratio
AFS	Available-For-Sale	LGD	Loss Given Default
AIRB	Advanced Internal Ratings Based	MBS	Mortgage-Backed Security
AOCI	Accumulated Other Comprehensive Income	N/A	Not Applicable
CAD P&C	Canadian Personal and Commercial Banking	NII	Net Interest Income
CAR	Capital Adequacy Requirements	NHA	National Housing Act
CCP	Central Counterparty	OCC	Office of the Comptroller of the Currency
CDS	Credit Default Swap	OCI	Other Comprehensive Income
CICA	Canadian Institute of Chartered Accountants	OSFI	Office of the Superintendent of Financial Institutions Canada
CVA	Credit Valuation Adjustment	PCL	Provision for Credit Losses
D-SIBs	Domestic Systemically Important Banks	PD	Probability of Default
EAD	Exposure at Default	PFE	Potential Future Exposure
FDIC	Federal Deposit Insurance Corporation	QRR	Qualifying Revolving Retail
FTE	Full Time Equivalent	QCCP	Qualifying Central Counterparty
GAAP	Generally Accepted Accounting Principles	ROE	Return on Common Equity
HELOC	Home Equity Line of Credit		

Appendix – Canadian Personal and Commercial Banking

RESULTS OF OPERATIONS

(\$ millions, except as noted)
For the period ended

LINE #	2016		2015				2014			Year to Date		Full Year	
	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2	2016	2015	2015	2014
Net interest income	\$ 2,270	\$ 2,337	\$ 2,351	\$ 2,328	\$ 2,223	\$ 2,280	\$ 2,280	\$ 2,285	\$ 2,177	\$ 4,607	\$ 4,503	\$ 9,182	\$ 8,938
Non-interest income	790	805	798	802	770	764	755	739	729	1,595	1,534	3,134	2,946
Total revenue	3,060	3,142	3,149	3,130	2,993	3,044	3,035	3,024	2,906	6,202	6,037	12,316	11,884
Provision for (reversal of) credit losses	262	228	221	237	239	190	250	228	238	490	429	887	946
Non-interest expenses	1,337	1,318	1,399	1,352	1,319	1,336	1,469	1,350	1,327	2,655	2,655	5,406	5,590
Income (loss) before income taxes	1,461	1,596	1,529	1,541	1,435	1,518	1,316	1,446	1,341	3,057	2,953	6,023	5,348
Provision for (recovery of) income taxes	390	423	407	406	379	401	349	383	356	813	780	1,593	1,419
Net income – reported	1,071	1,173	1,122	1,135	1,056	1,117	967	1,063	985	2,244	2,173	4,430	3,929
Adjustments for items of note, net of income taxes ¹	–	–	–	–	–	–	54	43	23	–	–	–	256
Net income – adjusted	\$ 1,071	\$ 1,173	\$ 1,122	\$ 1,135	\$ 1,056	\$ 1,117	\$ 1,021	\$ 1,106	\$ 1,008	\$ 2,244	\$ 2,173	\$ 4,430	\$ 4,185
Average common equity (\$ billions)	\$ 10.7	\$ 10.5	\$ 10.6	\$ 10.5	\$ 10.4	\$ 10.3	\$ 9.4	\$ 9.3	\$ 9.1	\$ 10.6	\$ 10.3	\$ 10.4	\$ 9.1
Return on common equity – reported ²	40.9 %	44.1 %	42.1 %	42.9 %	41.8 %	43.0 %	41.1 %	45.1 %	44.2 %	42.5 %	42.4 %	42.5 %	43.1 %
Return on common equity – adjusted ²	40.9	44.1	42.1	42.9	41.8	43.0	43.4	46.9	45.2	42.5	42.4	42.5	45.9

Key Performance Indicators (\$ billions, except as noted)

Common Equity Tier 1 Capital risk-weighted assets ³	14	\$ 101	\$ 98	\$ 96	\$ 97	\$ 95	\$ 93	\$ 91	\$ 90	\$ 90	\$ 101	\$ 95	\$ 96	\$ 91
Average loans – personal														
Residential mortgages	15	185.3	185.2	182.2	177.3	175.0	175.2	172.9	168.3	165.9	185.3	175.1	177.5	168.1
Consumer instalment and other personal														
HELOC	16	61.2	61.0	60.8	60.3	59.7	59.3	59.3	59.7	60.0	61.1	59.5	60.0	59.9
Indirect auto	17	19.2	19.0	18.5	17.7	17.0	16.6	15.9	15.1	14.5	19.1	16.8	17.4	15.0
Other	18	12.3	12.2	12.3	12.8	12.6	12.6	12.5	12.2	12.2	12.3	12.6	12.6	12.3
Credit card	19	18.7	19.2	19.0	18.7	18.2	18.9	19.2	19.3	18.9	18.9	18.6	18.7	18.7
Total average loans – personal	20	296.7	296.6	292.8	286.8	282.5	282.6	279.8	274.6	271.5	296.7	282.6	286.2	274.0
Average loans and acceptances – business	21	60.4	58.3	57.0	55.9	54.5	52.8	52.1	51.1	50.2	59.3	53.6	55.0	50.5
Average deposits														
Personal	22	168.9	167.1	165.1	161.4	159.3	157.8	155.9	153.9	152.9	168.0	158.5	160.9	153.9
Business	23	85.0	85.2	84.4	84.0	81.4	82.6	80.6	78.2	76.5	85.1	82.0	83.1	78.0
Margin on average earning assets including securitized assets	24	2.68 %	2.71 %	2.76 %	2.79 %	2.79 %	2.78 %	2.81 %	2.87 %	2.87 %	2.69 %	2.79 %	2.78 %	2.85 %
Efficiency ratio – reported	25	43.7	41.9	44.4	43.2	44.1	43.9	48.4	44.6	45.7	42.8	44.0	43.9	47.0
Efficiency ratio – adjusted	26	43.7	41.9	44.4	43.2	44.1	43.9	46.0	42.7	44.6	42.8	44.0	43.9	44.1
Non-interest expenses – adjusted (\$ millions)	27	\$ 1,337	\$ 1,318	\$ 1,399	\$ 1,352	\$ 1,319	\$ 1,336	\$ 1,396	\$ 1,292	\$ 1,295	\$ 2,655	\$ 2,655	\$ 5,406	\$ 5,243
Number of Canadian retail branches at period end	28	1,152	1,157	1,165	1,166	1,165	1,164	1,165	1,164	1,174	1,152	1,165	1,165	1,165
Average number of full-time equivalent staff	29	27,109	27,412	27,764	27,944	27,870	28,215	28,319	28,146	27,877	27,262	28,045	27,949	28,162

Additional Information on Canadian

Wealth and Insurance

Breakdown of Total Net Income (loss)

Wealth	30	\$ 223	\$ 212	\$ 221	\$ 228	\$ 205	\$ 201	\$ 201	\$ 205	\$ 192	\$ 435	\$ 406	\$ 855	\$ 796
Insurance	31	170	128	153	194	175	131	136	132	149	298	306	653	509

¹ Items of note relate primarily to integration charges and direct transaction costs relating to the acquisition of the credit card portfolio of MBNA Canada and set-up, conversion, and other one-time costs related to affinity relationship with Aimia and acquisition of Aeroplan Visa credit card accounts. Refer to footnotes 8 and 9, respectively, on page 83.

² Capital allocated to the business segments was based on 8% CET1 Capital in fiscal 2014 and 9% in fiscal 2015 and 2016.

³ Amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.