



ROYAL BANK OF CANADA

(a Canadian chartered bank)

1st Supplementary Notes Base Prospectus **dated December 14, 2015**

Pursuant to the Programme for the Issuance of Securities

Pages i to 117 (inclusive) of the Notes Base Prospectus dated October 30, 2015 of Royal Bank of Canada ("**RBC**" or the "**Issuer**") comprise a base prospectus (the "**Base Prospectus**") for the purposes of Article 5.4 of the Prospectus Directive (as defined herein) in respect of notes ("**PD Notes**" or "**Notes**") to be offered to the public in the Relevant Member States (as defined in the Base Prospectus) and/or to be admitted to the Official List of the Financial Conduct Authority (in its capacity as competent authority for the purposes of Part VI of the Financial Services and Markets Act 2000 as amended, the "**UK Listing Authority**") and admitted to trading on the Regulated Market of the London Stock Exchange plc (the "**London Stock Exchange**"). Pages 118 to 187 (inclusive) of the Notes Base Prospectus comprise an offering circular (the "**Offering Circular**"), which has been prepared by the Issuer in connection with the issue of Notes other than PD Notes ("**Non PD Notes**"). The Offering Circular has not been reviewed or approved by the UK Listing Authority and does not constitute a base prospectus for purposes of the Prospectus Directive.

SUPPLEMENTARY PROSPECTUS

Pages i to 14 inclusive of this supplement (the "**1st Supplementary Prospectus**") constitute a supplementary prospectus for purposes of Section 87G of the *Financial Services and Markets Act 2000* (the "**FSMA**") prepared in connection with the programme for the issuance of securities established by RBC (the "**Programme**"). The information on page 15 of this supplement constitutes a supplementary offering circular and does not form part of this 1st Supplementary Prospectus.

Terms defined in the Base Prospectus have the same meaning when used in this 1st Supplementary Prospectus. The 1st Supplementary Prospectus is supplemental to, and shall be read in conjunction with, the Base Prospectus and any other supplements to the Base Prospectus issued by RBC.

RBC accepts responsibility for the information in this 1st Supplementary Prospectus. To the best of the knowledge of RBC, having taken reasonable care to ensure that such is the case, the information contained in this 1st Supplementary Prospectus is in accordance with the facts and does not omit anything likely to affect the import of such information.

The purpose of this 1st Supplementary Prospectus is to (a) incorporate by reference in the Base Prospectus the Issuer's latest audited consolidated financial statements (including management's

discussion and analysis thereof) and Annual Information Form; (b) include new statements in respect of material adverse change and significant change; (c) to supplement the section entitled “Risk Factors” in the Registration Document incorporated by reference into the Prospectus in light of the publication of the latest Management’s Discussion and Analysis by introducing new risk factors relating to weaker oil and gas prices and exposure to more volatile sectors; (d) to update the explanations of the Issuer’s debt and preferred shares ratings; and (e) to amend and restate the Programme Summary to reflect financial information incorporated by reference and include certain of the other matters noted above.

To the extent that there is any inconsistency between (a) any statement in this 1st Supplementary Prospectus or any statement incorporated by reference into the Prospectus by this 1st Supplementary Prospectus and (b) any other statement in, or incorporated by reference in, the Base Prospectus, the statements in (a) above will prevail.

Save as disclosed in this 1st Supplementary Prospectus, no significant new factor, material mistake or inaccuracy relating to the information included in the Base Prospectus which is capable of affecting the assessment of PD Notes issued under the Programme has arisen or been noted, as the case may be, since the publication of the Base Prospectus.

DOCUMENTS INCORPORATED BY REFERENCE

The following documents are, by virtue of this 1st Supplementary Prospectus, incorporated in, and form part of, the Base Prospectus:

- (i) RBC’s Annual Information Form dated December 2, 2015 (the “**2015 AIF**”); and
- (ii) the following sections of RBC’s 2015 Annual Report (the “**2015 Annual Report**”) for the year ended October 31, 2015:
 - (a) the Management’s Discussion and Analysis on pages 9 through 115 (the “**2015 MD&A**”); and
 - (b) the audited consolidated financial statements, which comprise the consolidated balance sheets as at October 31, 2015 and October 31, 2014, and the consolidated statements of income, statements of comprehensive income, statements of changes in equity, and statements of cash flows for each of the years in the three-year period ended October 31, 2015, prepared in accordance with International Financial Reporting Standards as issued by the International Accounting Standards Board, together with the Report of Independent Registered Public Accounting Firm thereon on pages 116 through 209 (the “**2015 Audited Consolidated Financial Statements**”) (excluding, for greater certainty, Management’s Report on Internal Control over Financial Reporting and the Report of Independent Registered Public Accounting Firm thereon on pages 118 and 119, respectively),

the remainder of the 2015 Annual Report is either not relevant for prospective investors or covered elsewhere in this 1st Supplementary Prospectus and is not incorporated by reference.

The 2015 AIF, the 2015 Audited Consolidated Financial Statements and the 2015 MD&A have been filed with Morningstar plc (appointed by the Financial Conduct Authority to act as the National Storage Mechanism) and are available for viewing at <http://www.morningstar.co.uk/uk/NSM> and have been announced via the Regulatory News Service operated by the London Stock Exchange.

For the avoidance of doubt, any document incorporated by reference in the 2015 AIF, the 2015 Audited Consolidated Financial Statements or the 2015 MD&A shall not form part of this 1st Supplementary Prospectus.

Copies of this 1st Supplementary Prospectus, the Base Prospectus and the documents incorporated by reference in either of these can be (i) viewed on the website of the Regulatory News Service operated by the London Stock Exchange at <http://www.londonstockexchange.com/exchange/news/market-news/market-news-home.html> under the name of the Issuer and the headline “Publication of Prospectus”; and (ii) obtained on written request and without charge from the Issuer at 200 Bay Street, 4th Floor, North Tower, Toronto, Ontario, Canada M5J 2W7, and (b) the office of the Issuing and Paying Agent, The Bank of New York Mellon, London Branch, One Canada Square, London E14 5AL, United Kingdom, Attention: Manager, EMEA Corporate & Sovereign. Certain of the documents incorporated by reference in the Base Prospectus or this 1st Supplementary Prospectus may be viewed by accessing the Issuer’s disclosure documents through the Internet (a) at the Canadian System for Electronic Document Analysis and Retrieval at www.sedar.com (an internet based securities regulatory filing system), and (b) at the U.S. Securities and Exchange Commission’s website at www.sec.gov, which websites are not incorporated in, and do not form part of, the Base Prospectus.

STATEMENT OF NO MATERIAL ADVERSE CHANGE

Since October 31, 2015, the date of the most recently published audited consolidated financial statements of the Issuer, there has been no material adverse change in the prospects of the Issuer and its subsidiaries taken as a whole.

STATEMENT OF NO SIGNIFICANT CHANGE

Since October 31, 2015, the date of the most recently published audited consolidated financial statements of the Issuer, there has been no significant change in the financial or trading position of the Issuer and its subsidiaries taken as a whole.

RISK FACTORS

The section entitled “Risk Factors” in the Registration Document incorporated by reference in the Prospectus is supplemented by the following:

Weak oil and gas prices: Oil prices continued to be low throughout 2015 and are forecast to remain depressed in the near future. This has had a severe, direct impact on the energy sector and has led, indirectly, to a softening of the housing market in Alberta. A failure to manage this risk could have an adverse effect on the Issuer's results of operations and financial position.

Exposure to more volatile sectors: The Issuer's wholesale loan growth has been strong in recent years, largely driven by Capital Markets. Demand for lending related to commercial real estate and leveraged financing has been particularly strong. In the event of significant economic deterioration, this may have an adverse effect on the Issuer's results of operations and financial condition.

EXPLANATIONS OF ISSUER RATINGS

The explanations of the Issuer's debt and preferred share ratings set out under "General Information" in the Prospectus are updated in their entirety by those set out in "Appendix B - Explanation of Ratings and Outlook" of the 2015 AIF incorporated herein by reference.

UPDATE TO THE SUMMARY TO THE PROGRAMME

The Summary to the Programme included in the Base Prospectus is updated in the Appendix to this 1st Supplementary Prospectus.

SUMMARY

Summaries are made up of disclosure requirements known as "**Elements**". These Elements are numbered in Sections A-E (A.1 -E.7). This summary contains all the Elements required to be included in a summary for these types of securities and this Issuer. Because some Elements are not required to be addressed, there may be gaps in the numbering sequence of the Elements. Even though an Element may be required to be inserted in the summary because of the type of securities and Issuer, it is possible that no relevant information can be given regarding the Element. In this case a short description of the Element is included in the summary with the mention of 'not applicable'. Words and expressions defined in "Terms and Conditions of the Notes" shall have the same meanings in this Summary.

Section A - Introduction and Warnings:		
A.1	Warning:	This summary should be read as an introduction to the Base Prospectus. Any decision to invest in the Notes should be based on consideration of the Base Prospectus as a whole by the investor. Where a claim relating to the information contained in the Base Prospectus is brought before a court, the plaintiff investor may, under the national legislation of the Member States, be required to bear the costs of translating the Base Prospectus before the legal proceedings are initiated. Civil liability attaches only to those persons who have tabled the summary including any translation thereof, but only if the summary is misleading, inaccurate or inconsistent when read together with the other parts of the Base Prospectus or it does not provide, when read together with the other parts of the Base Prospectus, key information in order to aid investors when considering whether to invest in such Notes.
A.2	Consent to use of this Base Prospectus in subsequent resale or final placement of Notes, indication of offer period and conditions to consent to subsequent resale or final placement and warning:	Not Applicable. The Notes may only be offered within the European Economic Area (" EEA ") to qualified investors (as defined in the Prospectus Directive) on an exempt basis pursuant to Article 3(2) of the Prospectus Directive. The Issuer has not, and will not, give its consent for any financial intermediary or other offeror to use this Base Prospectus in connection with any offer of the Notes.
Section B - Issuer:		
B.1	Legal and commercial name:	Royal Bank of Canada
B.2	Domicile, Legal Form, Country of Incorporation and Legislation under which the Issuer operates:	The Issuer is incorporated and domiciled in Canada and is a Schedule 1 bank under the <i>Bank Act</i> (Canada) which constitutes its charter.
B.4b	Known trends affecting the Issuer and its Industry:	The banking environment and markets in which the Issuer conducts its businesses will continue to be strongly influenced by developments in the Canadian, U.S. and European economies and global capital markets. As with other financial services providers, the Bank continues to face increased supervision and regulation in most of the jurisdictions in which it operates, particularly in the areas of funding, liquidity, capital adequacy and prudential regulation.

B.5	Group Position:	Royal Bank of Canada and its subsidiaries are referred to as the " RBC Group ". Royal Bank of Canada is the ultimate parent and main operating company of the RBC Group.
B.9	Profit Forecasts or Estimates:	Not applicable. No profit forecasts or estimates made.
B.10:	Description of any Qualifications in the Audit Report on the Historical Financial Information	Not applicable. The audit reports on the historical financial information are not qualified.
B.12	Key Historical Financial Information; no material adverse change and no significant change statements:	With the exception of the figures for return on common equity, information in the tables below for the years ended October 31, 2015 and 2014 have been extracted from the Issuer's 2015 audited consolidated financial statements which have been prepared in accordance with International Financial Reporting Standards as issued by the International Accounting Standards Board and are incorporated by reference in the Base Prospectus. The amounts under return on common equity have been extracted from the Bank's 2015 Annual Report: ¹

Selected Consolidated Balance Sheet Information

	As at October 31, 2015	As at October 31, 2014
	<i>(in millions of Canadian dollars)</i>	
Loans, net of allowance for loan losses	472,223	435,229
Total assets	1,074,208	940,550
Deposits	697,227	614,100
Other liabilities	304,845	263,413
Subordinated debentures	7,362	7,859
Trust capital securities	0	0
Preferred share liabilities	0	0
Non-controlling interest in subsidiaries	1,798	1,813
Equity attributable to shareholders	62,146	52,690

¹ By virtue of the 1st Supplementary Notes Base Prospectus dated December 14, 2015, the selected financial information of the Issuer is updated to delete previous nine month periods ended July 31, 2015 and 2014 contained in the Third Quarter 2015 Report to Shareholders and to include elected financial information as at 31 October 2015 (and comparative information as at October 31, 2014) from the Issuer's 2015 Annual Report for the year ended ended October 31, 2015.

Selected Condensed Consolidated Statement of Income

	Year ended October 31, 2015	Year ended October 31, 2014
<i>(in millions of Canadian dollars except per share amounts and percentage amounts)</i>		
Net interest income	14,771	14,116
Non-interest income	20,550	19,992
Total revenue	35,321	34,108
Provision for credit losses	1,097	1,164
Insurance policyholder benefits, claims and acquisition expense	2,963	3,573
Non-interest expense	18,638	17,661
Net Income	10,026	9,004
Earnings per share		
– basic	\$6.75	\$6.03
– diluted	\$6.73	\$6.00
Return on common equity	18.6%	19.0%

		Statement of no significant or material adverse change Since October 31, 2015, there has been no material adverse change in the prospects of the Issuer and its subsidiaries taken as a whole.² Since October 31, 2015, there has been no significant change in the financial or trading position of the Issuer and its subsidiaries taken as a whole.³
B.13	Description of Recent Events Material to the Issuer's Solvency:	Not applicable. There have been no recent events material to the Issuer's solvency.
B.14	If the Issuer is Dependent upon other Entities Within the Group, this must be Clearly Stated:	Not applicable. The Issuer is not dependent upon other entities within the RBC Group.
B.15	Issuer Principal Activities:	All references to the "Bank" in this section refer to the Bank and its subsidiaries, unless the context otherwise requires. The Bank is Canada's largest bank, and one of the largest banks in the world, based on market capitalization. The Bank is one of North America's leading diversified financial services companies, and

² By virtue of the 1st Supplementary Notes Base Prospectus dated December 14, 2015, the statement "Since October 31, 2014, there has been no material adverse change in the prospects of the Issuer and its subsidiaries taken as a whole" has been replaced by "Since October 31, 2015, there has been no material adverse change in the prospects of the Issuer and its subsidiaries taken as a whole".

³ By virtue of the 1st Supplementary Notes Base Prospectus dated December 14, 2015, the statement "Since July 31, 2015, there has been no significant change in the financial or trading position of the Issuer and its subsidiaries taken as a whole" has been replaced by "Since October 31, 2015, there has been no significant change in the financial or trading position of the Issuer and its subsidiaries taken as a whole".

		provides personal and commercial banking, wealth management, insurance, investor services and capital markets products and services on a global basis. The Bank employs approximately 79,000 full and part-time employees who serve more than 16 million personal, business, public sector and institutional clients through offices in Canada, the U.S. and 38 other countries. The Bank's business segments are Personal & Commercial Banking, Wealth Management, Insurance, Investor & Treasury Services, and Capital Markets. Personal & Commercial Banking comprises personal and business banking operations in Canada, the Caribbean and the U.S., as well as the Bank's automobile financing and retail investment businesses in Canada, the Caribbean and the U.S. Wealth Management serves affluent, high net worth and ultra high net worth clients from the Bank's offices in key financial centres mainly in Canada, the U.S., the U.K., Channel Islands, continental Europe and Asia with a comprehensive suite of investment, trust, banking, credit and other wealth management solutions. The Bank also provides asset management products and services directly to institutional and individual clients as well as through the Bank's distribution channels and third-party distributors. Insurance provides a wide range of life, health, home, automobile, travel, wealth and reinsurance products and solutions. It offers insurance products and services through the Bank's proprietary distribution channels, comprised of the field sales force which includes retail insurance branches, field sales representatives, call centres and online, as well as through independent insurance advisors and affinity relationships in Canada. Outside Canada, the Bank operates in reinsurance markets globally. Investor & Treasury Services serves the needs of institutional investing clients by providing asset servicing, custodial, advisory, financing and other services to safeguard assets, maximize liquidity and manage risk in multiple jurisdictions around the world. This business also provides short term funding and liquidity management for the Bank. Capital Markets provides public and private companies, institutional investors, governments and central banks with a wide range of products and services. In North America, the Bank offers a full suite of products and services which include corporate and investment banking, equity and debt origination and distribution, and structuring and trading. Outside North America, the Bank offers a diversified set of capabilities in the Bank's key sectors of expertise, such as energy, mining and infrastructure and the Bank is now expanding into industrial, consumer and healthcare in Europe.
B.16	Control of the Issuer:	Not applicable. To the extent known to the Issuer, the Issuer is not directly or indirectly controlled by any person.

B.17	Credit Ratings Assigned to the Issuer or its Debt Securities at the Request of or in Cooperation with the Issuer:	The credit ratings assigned to the Issuer are (i) Aa3 (negative outlook) (long term senior debt), A3 (subordinated debt) and P-1 (short-term debt) and Baa2 (hyb) (preferred shares) by Moody's Investors Services, Inc. ("Moody's USA"), (ii) AA- (negative outlook) (long term senior debt), A-1+ (short-term debt), A (subordinated debt) and BBB+ (preferred shares)** by Standard & Poor's Financial Services LLC ("S&P USA"); (iii) AA (stable outlook) (long term senior debt), AA- (subordinated debt) and F1+ (short-term debt) by Fitch Inc. ("Fitch USA"); and (iv) AA (long term senior debt), AA (low) (subordinated debt)* and R-1 (high) (short-term debt), each with a negative outlook, and Pfd-2 (high) (stable outlook) (preferred shares)** by DBRS Limited ("DBRS"). * The Issuer's Basel III-compliant subordinated notes issued after January 1, 2014 have different ratings from these ratings from all rating agencies except Fitch USA. They are rated "A-" by S&P USA, "Baa1 (hyb)" by Moody's USA and "A (low)" (stable outlook) by DBRS. ** The Issuer's Basel III-compliant preferred shares issued after January 1, 2014 received different credit ratings from these ratings from both DBRS and S&P USA. They are rated "Pfd-2" (stable outlook) by DBRS; "P-2" by S&P USA using the S&P Canadian scale for preferred shares and "BBB" using S&P USA's global scale for preferred shares. The Notes issuable under the Programme have been generally rated Aa3 (P-1 for short term debt) by Moody's Canada Inc. ("Moody's Canada") and AA- by Standard & Poor's Rating Services, a division of the McGraw-Hill Companies (Canada) Corporation ("S&P Canada"). <i>Issue specific summary</i> [The Notes to be issued [have been/are expected to be] rated: [Moody's Canada: [•]] [S&P Canada: [•]] [The Notes to be issued have not been specifically rated.]
Section C - Notes:		
C.1	Description of the Type and Class of Notes / ISIN:	Notes will be issued in series (each a "Series"). Each Series may comprise one or more tranches ("Tranches") issued on different issue dates. Notes may be issued in (a) bearer, (b) registered or (c) in the case of Swedish Notes, dematerialized book-entry form settled in Euroclear Sweden AB ("Swedish Notes"). In respect of each Tranche of Notes issued in bearer form, the Issuer will deliver a temporary global note or, in respect of Notes to which U.S. Treasury Regulation §1.163-5(c)(2)(i)(C) (the "TEFRA C Rules") applies, a permanent global Note. Such global Note will be deposited on or before the relevant issue date therefor with a depository or a common depository for Euroclear Bank SA/NV ("Euroclear") and/or Clearstream Banking, société anonyme ("Clearstream, Luxembourg") and/or any other relevant clearing system. Each temporary global Note will be exchangeable either for a permanent global Note or, in certain cases, for Notes in definitive bearer form and/or (in the case of certain Series comprising both bearer Notes and registered Notes) registered form in accordance with its terms. Each permanent global Note will be exchangeable for Notes in definitive bearer form and/or (in the case of certain Series comprising both bearer Notes and registered Notes) registered form in accordance with its terms. Notes in definitive bearer form will, if interest-bearing, either have interest coupons ("Coupons") attached and, if appropriate, a talon

		("Talor") for further Coupons. Notes in bearer form are exchangeable in accordance with the terms thereof for Notes in registered form. Notes in registered form may not be exchanged for Notes in bearer form. The Notes may be Fixed Rate Notes, Floating Rate Notes or Zero Coupon Notes. <i>Issue specific summary</i> Series Number: [•] Tranche Number: [•] Type of Notes: [Fixed Rate Note] [Floating Rate Note] [Zero Coupon Note] [Bearer Notes:] [Initially represented by a Temporary Global Note / Permanent Global Note] [Temporary Global Note exchangeable for a Permanent Global Note or for Definitive Notes and/or (if the relevant Series comprises both Bearer Notes and Registered Notes) Registered Notes] [Permanent Global Note exchangeable at the option of the bearer for Definitive Notes and/or (if the relevant Series comprises both Bearer Notes and Registered Notes) Registered Notes] [Registered Notes:] Form of Registered Notes: [•] [Swedish Notes] Aggregate Nominal Amount: [•] ISIN: [•] Common Code: [•] Relevant clearing system: [The Notes will settle in Euroclear and Clearstream, Luxembourg [•]]
C.2	Currency:	Notes may be denominated in any currency or currencies subject to compliance with all applicable legal and/or regulatory and/or central bank requirements. <i>Issue specific summary</i> The currency of the Notes is [•]
C.5	A Description of any Restriction on the Free Transferability of Notes:	Not Applicable. The Notes will be freely transferable, subject to the primary offering and selling restrictions in United Kingdom, France, Italy, The Netherlands, Sweden, Hong Kong, Japan, Singapore and Switzerland and under the Prospectus Directive and the laws of any jurisdiction in which the relevant Notes are offered or sold.
C.8	A Description of the Rights Attaching to the Notes, Including Ranking and any Limitation on those Rights:	Issue Price: Notes may be issued at their nominal amount or at a discount or premium to their nominal amount. The issue price will be determined by the Issuer prior to the offering of each Tranche after taking into account certain factors including market conditions. <i>Issue specific summary</i> [[•] per cent. of the Aggregate Nominal Amount] [plus accrued interest from [•]] Denominations: Notes will be issued in such denominations as may be specified in the applicable Final Terms, subject to compliance with all legal and/or regulatory requirements. <i>Issue specific summary</i> [Specified Denomination(s): [•]] Ranking: Notes are issued on an unsubordinated basis. None of the Notes will be deposits insured under the <i>Canada Deposit Insurance Corporation Act</i> (Canada).

		Notes will constitute unsubordinated and unsecured obligations of the Issuer and will rank <i>pari passu</i> without any preference amongst themselves and at least <i>pari passu</i> with all other present and future unsubordinated and unsecured obligations of the Issuer (including deposit liabilities), except as otherwise prescribed by law. Withholding Tax: Payments in respect of Notes or Coupons will be made without withholding or deduction for any taxes, duties, assessments or governmental charges of whatsoever nature imposed or levied by or on behalf of Canada, any province or territory or political subdivision thereof or, if the branch of account specified in the applicable Final Terms is London, the United Kingdom or any political subdivision or any authority thereof or therein having power to tax, unless the withholding or deduction of such taxes, duties, assessments or governmental charges is required by law. In that event, the Issuer will (subject to customary exceptions) pay such additional amounts as will result in the Holders of Notes or Coupons receiving such amounts as they would have received in respect of such Notes or Coupons had no such withholding or deduction been required. A specification of a branch of account of the Notes is required by the <i>Bank Act</i> (Canada). Irrespective of any specified branch of account, the Bank is the only legal entity that issues the Notes and that is obliged to repay the Notes. All payments in respect of the Notes will be subject in all cases to any fiscal or other laws and regulations applicable thereto, including withholding or deduction required pursuant to an agreement described in Section 1471(b) of the U.S. Internal Revenue Code of 1986 (the Code) or otherwise imposed pursuant to Sections 1471 through 1474 of the Code, any regulations or agreements thereunder, official interpretations thereof, or any law implementing an intergovernmental approach thereto. Issue specific summary: [The [Toronto main branch] [London branch] is the branch of account of the Notes.] Events of Default: The events of default applicable to Notes are limited to (i) non-payment of principal or non-payment (subject to a grace period) of interest and (ii) insolvency or bankruptcy, the appointment of a liquidator, receiver or receiver and manager or other officer having similar powers or the taking of control of the Bank or its assets by the Superintendent of Financial Institutions (Canada). Amendments to Terms and Conditions: Meetings of Holders of Notes may be called, written resolutions prepared or electronic consents solicited to consider matters affecting their interests generally. The provisions governing such meetings, resolutions or consents permit defined majorities to bind all Holders of Notes including Holders who did not vote on the relevant resolution or consent and Holders who voted in a manner contrary to the majority. Governing law: The laws of the Province of Ontario and the federal laws of Canada applicable therein.
C.9	Description of Rights Attaching to the Notes, including Nominal Interest Rate, Interest Payment Date, Maturity Date/ Repayment Procedures, Indication of Yield and Name of Representative of Debt Note Holders:	Interest: Notes may be interest bearing or non-interest bearing. Interest (if any) may accrue at a fixed rate or a floating rate. The applicable interest rate or its method of calculation may differ from time to time or be constant for any Series of Notes. Notes may have a maximum interest rate, a minimum interest rate, or both. The length of the interest periods for the Notes may also differ from time to time or be constant for any Series of Notes.

		Fixed Rate Notes: Fixed interest will be payable in arrear on the specified date or dates in each year. <i>Issue specific summary:</i> [Fixed Rate Notes are not being issued] [Rate(s)] of Interest: [•] per cent, per annum payable [•] in arrear on each Interest Payment Date Interest Payment Date(s): [•] in each year [subject to adjustment in accordance with the Business Day Convention set out below] [for payment purposes only / for payment and interest calculation purposes] [Fixed Coupon Amount(s): [•] per Calculation Amount] [Broken Amount(s): [•] per Calculation Amount payable on [•]] Business Day Convention: [•] Floating Rate Notes: Floating Rate Notes will bear interest determined separately for each Series. <i>Issue specific summary:</i> [Floating Rate Notes are not being issued] <i>Rates of Interest:</i> [•] month [EURIBOR/LIBOR/CDOR/STIBOR/BBSW] +/- [•] per cent, per annum payable [•] in arrear on each Interest Payment Date [Specified Period(s): [•]] Interest Payment Dates: [[•] in each year, subject to adjustment in accordance with the Business Day Convention set out below] First Interest Payment Date: [•] Manner in which the Rate(s) of Interest is/are to be determined: [•] Business Day Convention: [•] Zero Coupon Notes: Zero Coupon Notes may be issued at their nominal amount or at a discount to it and will not bear interest. <i>Issue specific summary:</i> [Zero Coupon Notes are not being issued] Accrual Yield: [•] per cent, per annum Reference Price: [•] Yield: The yield in respect of each issue of Fixed Rate Notes is calculated at the Issue Date on the basis of the compound annual rate of return if the Notes were to be purchased at the Issue Price on the Issue Date and held to maturity. It is not an indication of future yield. <i>Issue specific summary:</i> Indication of yield: [•] [Not Applicable] Maturities: Notes will have such maturities as may be agreed between the Issuer and the relevant Dealer, subject to such minimum or maximum maturities as may be allowed or required from time to time by the relevant central bank (or equivalent body) or any laws or regulations applicable to the issuer or the relevant Specified Currency <i>Issue specific summary:</i> Maturity Date: [•] Final Redemption: Subject to any purchases and cancellations or early redemption, Notes will be redeemed on each Maturity Date at par, except in the case of Zero Coupon Notes, when it may be redeemed at a percentage of the principal of the Notes equal to at least 100 per cent. thereof. <i>Issue specific summary:</i> The Final Redemption Amount of the Note is [[par] / [•] per Calculation Amount.] Early Redemption: The Issuer may elect to redeem the Notes prior to the Maturity Date in certain circumstances for tax reasons. In addition, if so specified below in the applicable Final Terms, the
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		Notes may be redeemed prior to the Maturity Date pursuant to an Issuer call option and/or an investor put option. <i>Issue specific summary</i> [Issuer Call Option: [Applicable] / [Not Applicable] [Optional Redemption Date(s): [●] Optional Redemption Amount(s): [●] per [●] in nominal amount of the Notes If redeemable in part: Minimum Redemption Amount: [●] per [●] in nominal amount of the Notes Maximum Redemption Amount: [●] per [●] in nominal amount of the Notes Notice Period: [●] [Investor Put Option: [Applicable] [Not Applicable] Optional Redemption Amount: [●] per [●] in nominal amount of the Notes Optional Redemption Amount: [●] per [●] in nominal amount of the Notes Notice Period: [●] Representative of the Noteholders: This part of the Element is not applicable as there is no trustee appointed to act on behalf of the Noteholders.
C.10	Derivative Component in Interest Payments:	<i>Issue specific summary:</i> Not applicable. [There is not a derivative component in the interest payment.] [No interest is payable on the Notes.]
C.11	An indication as to whether the securities offered are or will be the object of an application for admission to trading, with a view to their distribution in a regulated market or other equivalent markets with indication of the markets in question:	Applications have been made for Notes to be admitted during the period of twelve months after the date hereof to listing on the Official List and to trading on the London Stock Exchange's Regulated Market. Notes may also be listed, or admitted to trading, as the case may be, on the Luxembourg Stock Exchange or the Nasdaq Stockholm Exchange (once the UK Listing Authority has provided the competent authority in Luxembourg or Sweden, as the case may be, with a certificate of approval attesting that this Base Prospectus has been drawn up in accordance with the Prospectus Directive together with a copy of the Base Prospectus). <i>Issue specific summary:</i> [[Notes will be/Series [●] has been] admitted to trading on [the London Stock Exchange's Regulated Market] [the Luxembourg Stock Exchange] [the Nasdaq Stockholm Exchange] with effect from [●].] [The Notes are not intended to be admitted to trading on any market.]
C.21	Indication of the market where the securities will be traded and for which the Base Prospectus has been published:	Applications have been made for Notes to be admitted during the period of twelve months after the date hereof to listing on the Official List and to trading on the London Stock Exchange's Regulated Market. Notes may also be listed, or admitted to trading, as the case may be, on the Luxembourg Stock Exchange or the Nasdaq Stockholm Exchange (once the UK Listing Authority has provided the competent authority in Luxembourg or Sweden, as the case may be, with a certificate of approval attesting that this Base Prospectus has been drawn up in accordance with the Prospectus Directive together with a copy of the Base Prospectus).

		<i>Issue specific summary:</i> [[Notes will be/Series [●] has been] admitted to trading on [the London Stock Exchange's Regulated Market] [the Luxembourg Stock Exchange] [the Nasdaq Stockholm Exchange] with effect from [●].]
Section D - Risks:		
D.2	Key Information on the key risks that are specific to the Issuer:	The following is a summary of the key risks relating to the Issuer: Weak oil and gas prices: Oil prices continued to be low throughout 2015 and are forecast to remain depressed in the near future. This has had a severe, direct impact on the energy sector and has led, indirectly, to a softening of the housing market in Alberta. A failure to manage this risk could have an adverse effect on the Issuer's results of operations and financial position.⁴ Anti-Money Laundering (AML), anti-terrorist financing, anti-bribery and anti-corruption: The Issuer is subject to a highly complex and dynamic set of anti-money laundering, anti-terrorist financing, and anti-bribery and anti-corruption (collectively, AML) laws, regulations and expectations across the multiple jurisdictions in which it operates. These requirements are of critical importance to members of the international financial community, law enforcement agencies and regulatory bodies. The regulatory landscape for AML practices remains in a state of rapid change in response to globalization, proliferation of technologies to conduct financial transactions, and new and changing money laundering and terrorist financing strategies. The scope of AML activities continues to expand with evolving criminal activities, such as tax evasion, human trafficking, bribery, and corruption. Money laundering, terrorist financing, and, increasingly, bribery and corruption pose significant potential risks for RBC. The Issuer's reputation is at risk with regulators, clients and other stakeholders in the event of AML related incidence, particularly in light of the current regulatory environment. The regulatory tolerance for major AML Program failures is low as demonstrated by recent penalties and enforcement actions. High levels of Canadian household debt: Canadian household debt remains elevated as persistently low interest rates continue to fuel strong home sales, supporting home prices and limiting moderation in mortgage credit growth. The risks surrounding elevated credit balances largely stem from households' continued ability to manage existing debt repayments when interest rates rise and a greater share of disposable income is needed to make payments. Additional risk stems from the potential for high household debt to amplify the impact of an external shock to the Canadian economy. The combination of increasing unemployment, rising interest rates and a downturn in real estate markets would pose a risk to the credit quality of the Issuer's retail lending portfolio and may negatively affect the Issuer. Cybersecurity: The Issuer leverages advancements in technology to support its business model and enhance the experience of its clients on a global basis. As a result, the Issuer is exposed to risks

⁴ By virtue of the 1st Supplementary Notes Base Prospectus dated December 14, 2015, a new risk factor entitled "Weak oil and gas prices" was added.

		related to cybersecurity and the increasing sophistication of cyber-attacks in the marketplace. Attacks in the industry are often focused on compromising sensitive data for inappropriate use or disrupting business operations. Such an attack could compromise the Issuer's confidential information as well as that of its clients and third parties with whom it interacts and may result in negative consequences for the Issuer including remediation costs, loss of revenue, additional regulatory scrutiny, litigation and reputational damage, all of which could adversely impact its ability to make payments and/or deliveries in respect of the Notes. Exposure to more volatile sectors: The Issuer's wholesale loan growth has been strong in recent years, largely driven by Capital Markets. Demand for lending related to commercial real estate and leveraged financing has been particularly strong. In the event of significant economic deterioration, this may have an adverse effect on the Issuer's results of operations and financial condition.⁵ Credit Risk: Credit risk is the risk of loss associated with an obligor's potential inability or unwillingness to fulfil its contractual obligations. Credit risk may arise directly from the risk of default of a primary obligor of the Issuer (e.g. issuer, debtor, counterparty, borrower or policyholder), or indirectly from a secondary obligor of the Issuer (e.g. guarantor or reinsurer). Credit risk includes counterparty credit risk from both trading and non-trading activities. The failure to effectively manage credit risk across all the Issuer's products, services and activities can have a direct, immediate and material impact on the Issuer's earnings and reputation. Market Risk: Market risk is defined to be the impact of market prices upon the financial condition the Issuer. This includes potential gains or losses due to changes in market determined variables such as interest rates, credit spreads, equity prices, commodity prices, foreign exchange rates and implied volatilities. Most of the market risks that have a direct impact on the Issuer's earnings results from the Issuer's trading activities, where it acts primarily as a market marker. Liquidity and Funding Risk: Liquidity and funding risk (liquidity risk) is the risk that the Issuer may be unable to generate or obtain sufficient cash or its equivalent in a timely and cost-effective manner to meet its commitments as they come due (including the Notes). The nature of banking services inherently exposes the Issuer to various types of liquidity risk. The most common sources of liquidity risk arise from mismatches in the timing and value of cash inflows and outflows, both from on and off-balance sheet exposures. As the Issuer's core funding comprises capital, longer-term wholesale liabilities and a diversified pool of personal and, to a lesser extent, commercial and institutional deposits, a lowering of the Issuer's credit ratings may have potentially adverse consequences for the Issuer's funding capacity or access to capital markets, may affect its ability, and the cost, to enter into normal course derivative or hedging transactions and may require it to post additional collateral under certain contracts, any of which may have an adverse effect on its results of operations and financial condition.
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⁵ By virtue of the 1st Supplementary Notes Base Prospectus dated December 14, 2015, this has updated "Growth in wholesale credit".

D.3	Key Information on the key risks that are specified to the Notes:	The following is a summary of the key risks that are specific to the Notes: Withholding Tax: The Notes may be subject to withholding taxes in circumstances in which the Issuer is not obliged to make gross up payments and this would result in holders receiving less interest than expected and could significantly adversely affect their return on the Notes. The Secondary market: Notes may have not established trading market when issued, and one may never develop, or may be illiquid. In such case, investors may not be able to sell their Notes easily or at favourable prices. Exchange rate rises and exchange controls: The investment of investors whose financial activities are denominated in a currency other than the Specified Currency of the Notes may be adversely affected by changes in exchange rates or currency appreciation, or by the imposition of exchange controls. Change of law: A future change in the laws of administrative practice of the governing law of the Notes affects conditions drafted on the basis of such law or practice prior to the relevant change(s) and could materially adversely impact the value of the Notes. Modifications to Conditions: The conditions of the Notes contain provisions which may permit their modification without the consent of all investors. Canadian resolution power: The Notes may be subject to effective write-off or write-down under current Canadian resolution powers. <i>Issue specific summary</i> [Payments in Euro: If the Specified Currency is unavailable on the foreign exchange markets due to circumstances beyond its control, the Issuer will be entitled to satisfy its obligations in respect of payment on the Notes by making payment in Euro on the basis of the spot exchange rate (the “Euro FX Rate”) or in its absence, a substitute rate determined by the Issuer or its Calculation Agent in its discretion. The Euro FX Rate or any such substitute rate may be such that the resulting Euro amount is zero and in such event no amount in Euro will be payable.] [Fixed Rate Notes: Investment in Fixed Rate Note involves the risk that subsequent changes in market interest rates may adversely affect the value of the Fixed Rate Notes.] [Issuer Calls: An optional redemption feature exercisable at the option of the Issuer may reduce the return on investment provided by a Note compared to the return that would have been achieved had the Note been redeemed at maturity and the Issuer may chose to redeem the Notes at times when prevailing interest rates may be relatively low.]
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		[Fixed/Floating Rate Notes: Fixed/Floating Rate Notes may bear interest at a rate that the Issuer may elect to convert from a fixed rate to a floating rate, or from a floating rate to a fixed rate. The Issuer's ability to convert the interest rate will affect the secondary market for, and the market value of, the Notes since the Issuer may be expected to convert the rate when it is likely to produce a lower overall cost of borrowing. If the Issuer converts from a fixed rate to a floating rate, the spread on the Fixed/Floating Rate Notes may be less favourable than prevailing spreads on comparable floating rate notes tied to the same reference rate. In addition, the new floating rate at any time may be lower than the rates on the Issuer's other Notes. If the Issuer converts from a floating rate to a fixed rate, the fixed rate may be lower than the prevailing rates on its other Notes.] [Renminbi Notes: Securities denominated in Renminbi are subject to additional risks; Renminbi is not freely convertible or transferable and there are significant restrictions on remittance of Renminbi into and out of the People's Republic of China (excluding Hong Kong, Macao Special Administrative Region of the People's Republic of China and Taiwan) (the "PRC") which may adversely affect the liquidity of Notes denominated in Renminbi; there is only limited availability of Renminbi outside the PRC, which may affect the liquidity of such Notes and the Issuer's ability to source Renminbi outside the PRC to service such Notes; if the Issuer is unable to source Renminbi, it may pay holders of such Notes in U.S. dollars; payments in respect of Notes denominated in Renminbi will only be made to investors in the manner specified under the relevant terms and conditions.]
Section E – Offer:		
E.2b	Reasons for Offer and Use of Proceeds:	The net proceeds of the issue of the Notes will be used by the Issuer for general funding purposes or used by the Issuer and/or its affiliates for hedging the Notes. If, in respect of any particular issue, there is a particular identified use of proceeds, this will be stated in the applicable Final Terms. <i>Issue specific summary</i> [The net proceeds after the issue of the Notes will be applied by the Issuer for [●].]
E.3	A Description of the Terms and Conditions of the Offer:	Not Applicable. The Notes may only be offered within the EEA to qualified investors (as defined in the Prospectus Directive) on an exempt basis pursuant to Article 3(2) of the Prospectus Directive.
E.4	A Description of any Interest that is Material to the Issue/Offer, including Conflicting Interests:	The relevant Dealers may be paid fees in relation to any issue of Notes under the Programme. Any such Dealer and its affiliates may also have engaged, and may in the future engage, in investment banking and/or commercial banking transactions with, and may perform other services for, the Issuer and its affiliates in the ordinary course of business. <i>[Issue specific summary:</i> The [Dealer[s]/Managers] will be paid [aggregate] commissions [equal to [•] per cent. of the [nominal amount][issue prices] of the Notes]. Any [Dealer/Manager] and its affiliates may also have engaged, and may in the future engage, in investment banking and/or commercial banking transactions with, and may perform other services for the Issuer and its affiliates in the ordinary course of business.

		[Other than as mentioned above and save for [•],][Not Applicable:] so far as the Issuer is aware, no person involved in the offer of the Notes has an interest material to the offer, including conflicting interests.]
E.7	Estimated Expenses Charged to the Investor by the Issuer or the offeror:	Not Applicable.

SUPPLEMENTARY OFFERING CIRCULAR

This page 15 of this Supplement (the “**1st Supplementary Offering Circular**”) constitutes a supplement to the Offering Circular and is prepared in connection with the Programme for the Issuance of Securities established by RBC.

Terms defined in the Offering Circular have the same meaning when used in this 1st Supplementary Offering Circular. The 1st Supplementary Offering Circular is supplemental to, and shall be read in conjunction with, the Offering Circular and any other supplements to the Offering Circular issued by RBC.

NEITHER THE OFFERING CIRCULAR NOR THIS 1st SUPPLEMENTARY OFFERING CIRCULAR TO THE OFFERING CIRCULAR HAVE BEEN REVIEWED OR APPROVED BY THE UK LISTING AUTHORITY AND THE OFFERING CIRCULAR DOES NOT CONSTITUTE A PROSPECTUS FOR THE PURPOSE OF DIRECTIVE 2003/71/EC AS AMENDED.

RBC accepts responsibility for the information in this 1st Supplementary Offering Circular. To the best of the knowledge of RBC, having taken reasonable care to ensure that such is the case, the information contained in this 1st Supplementary Offering Circular is in accordance with the facts and does not omit anything likely to affect the import of such information.

This 1st Supplementary Offering Circular is supplemental to, and should be read in conjunction with, the Offering Circular and the documents incorporated by reference therein. This 1st Supplementary Offering Circular is to be read in conjunction with the following sections of the 1st Supplementary Prospectus (as amended herein):

- (i) Documents Incorporated by Reference;
- (ii) Statement of No Material Adverse Change;
- (iii) Statement of No Significant Change;
- (iv) Risk Factors; and
- (v) Explanations of Issuer Ratings,

which will be deemed to be incorporated by reference herein, save that references to “**Base Prospectus**” shall be deemed to be to the “**Offering Circular**” and references to “**1st Supplementary Prospectus**” shall be deemed to be to the “**1st Supplementary Offering Circular**”.

To the extent that there is any inconsistency between (a) any statement in this 1st Supplementary Offering Circular or any statement incorporated by reference into the Offering Circular by this 1st Supplementary Offering Circular and (b) any other statement in, or incorporated by reference in, the Offering Circular, the statements in (a) above will prevail.

Save as disclosed in this 1st Supplementary Offering Circular, no significant new factor, material mistake or inaccuracy relating to the information included in the Offering Circular which is capable of affecting the assessment of Non-PD Notes issued under the Programme has arisen or been noted, as the case may be, since the publication of the Offering Circular.