

Main Features Report:
Main Features of Outstanding Regulatory Capital Instruments*
Royal Bank of Canada

*This document constitutes Annex 3 of the Basel III Pillar 3 disclosures for Royal Bank of Canada and is unaudited. Basel III Pillar 3 disclosures are made solely to meet the Office of the Superintendent of Financial Institutions Canada (OSFI) requirements issued in the OSFI Advisory of July 2013. Such requirements are based on the Basel Committee on Banking Supervision's final rules on the information banks must publicly disclose when detailing the composition of their capital, which are set out in the publication entitled *Composition of capital disclosure requirements – Rules text*.

Neither this document nor any information contained herein shall constitute an invitation or recommendation to invest or otherwise deal in, or an offer to sell or the solicitation of an offer to buy or subscribe for, any security. There shall be no sale of any securities in any jurisdiction in which such an offer, solicitation or sale would be unlawful prior to qualification under the securities laws of such state or jurisdiction.

In no way do we assume any responsibility for any investment or other decisions made based upon the information provided herein. You are advised to review our filings made with securities regulators and/or stock exchanges in the relevant jurisdictions in which we have issued securities before making any investment or other decisions.

The information contained in this document is up to date as of November 29, 2017. Information contained in this document will be kept up-to-date, whenever the Bank issues or repays a capital instrument and whenever there is a redemption/write-down or other material change in the nature of an existing capital instrument.

Disclosure template for main features of regulatory capital instruments		
Common Shares		
1	Issuer	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	BBG000BCJG31
3	Governing law(s) of the instrument	Canada
	<i>Regulatory treatment</i>	
4	Transitional Basel III rules	Common Equity Tier 1
5	Post-transitional Basel III rules	Common Equity Tier 1
6	Eligible at solo/group/group&solo	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Common Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	17,703
9	Par value of instrument	N/A
10	Accounting classification	Shareholders' Equity
11	Original date of issuance	N/A
12	Perpetual or dated	Perpetual
13	Original maturity date	N/A
14	Issuer call subject to prior supervisory approval	N/A
15	Optional call date, contingent call dates and redemption amount	N/A
16	Subsequent call dates, if applicable	N/A
	<i>Coupons/dividends</i>	
17	Fixed or floating dividend/coupon	N/A
18	Coupon rate and any related index	\$0.91 (quarterly dividend effective February 24, 2018)
19	Existence of a dividend stopper	No
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary
21	Existence of a step up or other incentive to redeem	N/A
22	Noncumulative or cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible
24	If convertible, conversion trigger (s)	N/A
25	If convertible, fully or partially	N/A
26	If convertible, conversion rate	N/A
27	If convertible, mandatory or optional conversion	N/A
28	If convertible, specify instrument type convertible into	N/A
29	If convertible, specify issuer of instrument it converts into	N/A
30	Write-down feature	No
31	If write-down, write-down trigger (s)	N/A
32	If write-down, full or partial	N/A
33	If write-down, permanent or temporary	N/A
34	If temporary write-down, description of write-down mechanism	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Preferred Shares and Innovative Tier 1
36	Non-compliant transitioned features	No
37	If yes, specify non-compliant features	N/A

Disclosure template for main features of regulatory capital instruments				
Preferred Shares				
		Series W	Series AA	Series AC
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780085502	780085445	780102604
3	Governing law(s) of the instrument	Canada	Canada	Canada
<i>Regulatory treatment</i>				
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Ineligible	Ineligible	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	300	300	200
9	Par value of instrument	300	300	200
10	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	January 31, 2005	April 4, 2006	November 1, 2006
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Feb 24, 2010 to Feb 23, 2011 at \$26.00	May 24, 2011 to May 23, 2012 at \$26.00	Nov 24, 2011 to Nov 23, 2012 at \$26.00
16	Subsequent call dates, if applicable	Feb 24, 2011 to Feb 23, 2012 at \$25.75 Feb 24, 2012 to Feb 23, 2013 at \$25.50 Feb 24, 2013 to Feb 23, 2014 at \$25.25 Feb 24, 2014 and thereafter at \$25.00	May 24, 2012 to May 23, 2013 at \$25.75 May 24, 2013 to May 23, 2014 at \$25.50 May 24, 2014 to May 23, 2015 at \$25.25 May 24, 2015 and thereafter at \$25.00	Nov 24, 2012 to Nov 23, 2013 at \$25.75 Nov 24, 2013 to Nov 23, 2014 at \$25.50 Nov 24, 2014 to Nov 23, 2015 at \$25.25 Nov 24, 2015 and thereafter at \$25.00
<i>Coupons/dividends</i>				
17	Fixed or floating dividend/coupon	Fixed	Fixed	Fixed
18	Coupon rate and any related index	4.90%	4.45%	4.60%
19	Existence of a dividend stopper	Yes	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Non-convertible	Non-convertible
24	If convertible, conversion trigger (s)	N/A	N/A	N/A
25	If convertible, fully or partially	May convert fully or partially	N/A	N/A
26	If convertible, conversion rate	May convert at any time all or, from time to time, any part of the outstanding Preferred Shares Series W into common shares determined by dividing the then applicable redemption price by the greater of \$2.50 and 95% of the weighted average trading price of the Common Shares for the 20 trading days ending on the last trading day ending on or before the fourth day prior to the date fixed for conversion.	N/A	N/A
27	If convertible, mandatory or optional conversion	Optional	N/A	N/A
28	If convertible, specify instrument type convertible into	Common equity tier 1	N/A	N/A
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	N/A	N/A
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	Yes	Yes	Yes
37	If yes, specify non-compliant features	Lack of NVCC features	Lack of NVCC features	Lack of NVCC features

Disclosure template for main features of regulatory capital instruments				
Preferred Shares				
		Series AD	Series AE	Series AF
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780102844	780102760	780102653
3	Governing law(s) of the instrument	Canada	Canada	Canada
<i>Regulatory treatment</i>				
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Ineligible	Ineligible	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	250	250	200
9	Par value of instrument	250	250	200
10	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	December 13, 2006	January 19, 2007	March 14, 2007
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Feb 24, 2012 to Feb 23, 2013 at \$26.00	Feb 24, 2012 to Feb 23, 2013 at \$26.00	May 24, 2012 to May 23, 2013 at \$26.00
16	Subsequent call dates, if applicable	Feb 24, 2013 to Feb 23, 2014 at \$25.75 Feb 24, 2014 to Feb 23, 2015 at \$25.50 Feb 24, 2015 to Feb 23, 2016 at \$25.25 Feb 24, 2016 and thereafter at \$25.00	Feb 24, 2013 to Feb 23, 2014 at \$25.75 Feb 24, 2014 to Feb 23, 2015 at \$25.50 Feb 24, 2015 to Feb 23, 2016 at \$25.25 Feb 24, 2016 and thereafter at \$25.00	May 24, 2013 to May 23, 2014 at \$25.75 May 24, 2014 to May 23, 2015 at \$25.50 May 24, 2015 to May 23, 2016 at \$25.25 May 24, 2016 and thereafter at \$25.00
<i>Coupons/dividends</i>				
17	Fixed or floating dividend/coupon	Fixed	Fixed	Fixed
18	Coupon rate and any related index	4.50%	4.50%	4.45%
19	Existence of a dividend stopper	Yes	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible	Non-convertible	Non-convertible
24	If convertible, conversion trigger (s)	N/A	N/A	N/A
25	If convertible, fully or partially	N/A	N/A	N/A
26	If convertible, conversion rate	N/A	N/A	N/A
27	If convertible, mandatory or optional conversion	N/A	N/A	N/A
28	If convertible, specify instrument type convertible into	N/A	N/A	N/A
29	If convertible, specify issuer of instrument it converts into	N/A	N/A	N/A
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	Yes	Yes	Yes
37	If yes, specify non-compliant features	Lack of NVCC features	Lack of NVCC features	Lack of NVCC features

Disclosure template for main features of regulatory capital instruments				
Preferred Shares				
		Series AG	Series AJ	Series AK
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780102554	78010A416	78010A390
3	Governing law(s) of the instrument	Canada	Canada	Canada
<i>Regulatory treatment</i>				
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Ineligible	Ineligible	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	250	339	61
9	Par value of instrument	250	339	61
10	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	April 26, 2007	September 16, 2008	February 24, 2014
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	May 24, 2012 to May 23, 2013 at \$26.00	Feb 24, 2014 at \$25.00	Feb 24, 2019 at \$25.00
16	Subsequent call dates, if applicable	May 24, 2013 to May 23, 2014 at \$25.75 May 24, 2014 to May 23, 2015 at \$25.50 May 24, 2015 to May 23, 2016 at \$25.25 May 24, 2016 and thereafter at \$25.00	On Feb 24, 2019 and every fifth year thereafter at \$25.00	On Feb 24, 2024 and every fifth year thereafter at \$25.00
<i>Coupons/dividends</i>				
17	Fixed or floating dividend/coupon	Fixed	Fixed to floating/fixed	Floating to fixed
18	Coupon rate and any related index	4.50%	3.52% to, but excluding, Feb 24, 2019. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 1.93% for each subsequent fixed rate period ¹ . If converted into series AK, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 1.93%.	3 month Treasury Bill Yield + 1.93%, reset quarterly. If converted in to series AJ, the coupon will set a fixed rate equal to the sum of GOC yield plus 1.93%.
19	Existence of a dividend stopper	Yes	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible	Convertible	Convertible
24	If convertible, conversion trigger (s)	N/A	Investor Election - Conversion to Series AK shares	Investor Election - Conversion to Series AJ shares
25	If convertible, fully or partially	N/A	Investor Election - Conversion to Series AK shares: May convert fully or partially	Investor Election - Conversion to Series AJ shares: May convert fully or partially
26	If convertible, conversion rate	N/A	Investor Election - Conversion to Series AK shares: Convertible into Series AK Preferred Shares on the basis of one Series AK Preferred Share for each Series AJ Preferred Share. Convertible on Feb 24, 2014 and on each Feb 24 every fifth year thereafter.	Investor Election - Conversion to Series AJ shares: Convertible into Series AJ Preferred Shares on the basis of one Series AJ Preferred Share for each Series AK Preferred Share. Convertible on Feb 24, 2019 and on each Feb 24 every fifth year thereafter.
27	If convertible, mandatory or optional conversion	N/A	Investor Election - Conversion to Series AK shares: Optional	Investor Election - Conversion to Series AJ shares: Optional
28	If convertible, specify instrument type convertible into	N/A	Additional tier 1	Additional tier 1
29	If convertible, specify issuer of instrument it converts into	N/A	Royal Bank of Canada	Royal Bank of Canada
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	Yes	Yes	Yes
37	If yes, specify non-compliant features	Lack of NVCC features	Lack of NVCC features	Lack of NVCC features

1 Subsequent Fixed Rate Period means the period from and including February 24, 2014 to, but excluding, February 24, 2019 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, February 24 in the fifth year thereafter.

Disclosure template for main features of regulatory capital instruments				
Preferred Shares				
	Series AL	Series AZ	Series BB	
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	78010A333	78012G411	78012H567
3	Governing law(s) of the instrument	Canada	Canada	Canada
<i>Regulatory treatment</i>				
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Ineligible	Additional Tier 1	Additional Tier 1
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	300	500	500
9	Par value of instrument	300	500	500
10	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	November 3, 2008	January 30, 2014	June 3, 2014
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Feb 24, 2014 at \$25.00	May 24, 2019 at \$25.00	August 24, 2019 at \$25.00
16	Subsequent call dates, if applicable	On Feb 24, 2019 and every fifth year thereafter at \$25.00	On May 24, 2024 and every fifth year thereafter at \$25.00	On August 24, 2024 and every fifth year thereafter at \$25.00
<i>Coupons/dividends</i>				
17	Fixed or floating dividend/coupon	Fixed to floating/fixed	Fixed to floating/fixed	Fixed to floating/fixed
18	Coupon rate and any related index	4.26% to, but excluding, Feb 24, 2019. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 2.67% for each subsequent fixed rate period ² . If converted into series AM, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 2.67%.	4.00% to, but excluding, May 24, 2019; the initial fixed rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 2.21% for each subsequent fixed rate period ³ . If converted into series BA, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 2.21%.	3.90% to, but excluding, August 24, 2019; the initial fixed rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 2.26% for each subsequent fixed rate period ⁴ . If converted into series BC, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 2.26%.
19	Existence of a dividend stopper	Yes	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Convertible	Convertible
24	If convertible, conversion trigger (s)	Investor Election - Conversion to Series AM shares	i) Investor Election - Conversion to Series BA shares ii) NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	i) Investor Election - Conversion to Series BC shares ii) NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.
25	If convertible, fully or partially	Investor Election - Conversion to Series AM shares: May convert fully or partially	i) Investor Election - Conversion to Series BA shares: May convert fully or partially ii) NVCC Trigger - Conversion to common shares: Always convert fully	i) Investor Election - Conversion to Series BC shares: May convert fully or partially ii) NVCC Trigger - Conversion to common shares: Always convert fully
26	If convertible, conversion rate	Investor Election - Conversion to Series AM shares: Convertible into Series AM Preferred Shares on the basis of one Series AM Preferred Share for each Series AL Preferred Share. Convertible on Feb 24, 2014 and on each Feb 24 every fifth year thereafter.	i) Investor Election - Conversion to Series BA shares: Convertible into Series BA Preferred Shares on the basis of one Series BA Preferred Share for each Series AZ Preferred Share. Convertible on May 24, 2019 and on each May 24 every fifth year thereafter. ii) NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series AZ and Series BA share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.	i) Investor Election - Conversion to Series BC shares: Convertible into Series BC Preferred Shares on the basis of one Series BC Preferred Share for each Series BB Preferred Share. Convertible on August 24, 2019 and on each August 24 every fifth year thereafter. ii) NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BB and Series BC share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.
27	If convertible, mandatory or optional conversion	Investor Election - Conversion to Series AM shares: Optional	i) Investor Election - Conversion to Series BA shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory	i) Investor Election - Conversion to Series BC shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory
28	If convertible, specify instrument type convertible into	Additional tier 1	Additional tier 1/Common Equity Tier 1	Additional tier 1/Common Equity Tier 1
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	Yes	No	No
37	If yes, specify non-compliant features	Lack of NVCC features	N/A	N/A

2 Subsequent Fixed Rate Period means the period from and including February 24, 2014 to, but excluding, February 24, 2019 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, February 24 in the fifth year thereafter.

3 Subsequent Fixed Rate Period means the period from and including May 24, 2019 to, but excluding, May 24, 2024 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, May 24 in the fifth year thereafter.

4 Subsequent Fixed Rate Period means the period from and including August 24, 2019 to, but excluding, August 24, 2024 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, August 24 in the fifth year thereafter.

Disclosure template for main features of regulatory capital instruments				
Preferred Shares				
	Series BD	Series BF	Series BH	
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	78012Q112	78012T470	78013J455
3	Governing law(s) of the instrument	Canada	Canada	Canada
<i>Regulatory treatment</i>				
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	600	300	150
9	Par value of instrument	600	300	150
10	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	January 30, 2015	March 13, 2015	June 5, 2015
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	May 24, 2020 at \$25.00	November 24, 2020 at \$25.00	Nov 24, 2020 to Nov 23, 2021 at \$26.00
16	Subsequent call dates, if applicable	On May 24, 2025 and every fifth year thereafter at \$25.00	On November 24, 2025 and every fifth year thereafter at \$25.00	Nov 24, 2021 to Nov 23, 2022 at \$25.75 Nov 24, 2022 to Nov 23, 2023 at \$25.50 Nov 24, 2023 to Nov 23, 2024 at \$25.25 Nov 24, 2024 and thereafter at \$25.00
<i>Coupons/dividends</i>				
17	Fixed or floating dividend/coupon	Fixed to floating/fixed	Fixed to floating/fixed	Fixed
18	Coupon rate and any related index	3.60% to, but excluding, May 24, 2020; the initial fixed rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 2.74% for each subsequent fixed rate period ⁵ . If converted into series BE, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 2.74%.	3.60% to, but excluding, November 24, 2020; the initial fixed rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 2.62% for each subsequent fixed rate period ⁶ . If converted into series BG, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 2.62%.	4.90%
19	Existence of a dividend stopper	Yes	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Convertible	Convertible
24	If convertible, conversion trigger (s)	i) Investor Election - Conversion to Series BE shares ii) NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	i) Investor Election - Conversion to Series BG shares ii) NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.
25	If convertible, fully or partially	i) Investor Election - Conversion to Series BE shares: May convert fully or partially ii) NVCC Trigger - Conversion to common shares: Always convert fully	i) Investor Election - Conversion to Series BG shares: May convert fully or partially ii) NVCC Trigger - Conversion to common shares: Always convert fully	NVCC Trigger - Conversion to common shares: Always convert fully
26	If convertible, conversion rate	i) Investor Election - Conversion to Series BE shares: Convertible into Series BE Preferred Shares on the basis of one Series BE Preferred Share for each Series BD Preferred Share. Convertible on May 24, 2020 and on each May 24 every fifth year thereafter. ii) NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BD and Series BE share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.	i) Investor Election - Conversion to Series BG shares: Convertible into Series BG Preferred Shares on the basis of one Series BG Preferred Share for each Series BF Preferred Share. Convertible on November 24, 2020 and on each November 24 every fifth year thereafter. ii) NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BF and Series BG share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.	NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BH share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.
27	If convertible, mandatory or optional conversion	i) Investor Election - Conversion to Series BE shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory	i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory	NVCC Trigger - Conversion to common shares: Mandatory
28	If convertible, specify instrument type convertible into	Additional tier 1/Common Equity Tier 1	Additional tier 1/Common Equity Tier 1	Common Equity Tier 1
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	No	No	No
37	If yes, specify non-compliant features	N/A	N/A	N/A

5 Subsequent Fixed Rate Period means the period from and including May 24, 2020 to, but excluding, May 24, 2025 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, May 24 in the fifth year thereafter.

6 Subsequent Fixed Rate Period means the period from and including November 24, 2020 to, but excluding, November 24, 2025 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, November 24 in the fifth year thereafter.

Disclosure template for main features of regulatory capital instruments				
Preferred Shares				
		Series BI	Series BJ	Series BK
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	78013K601	78013K288	78013L211
3	Governing law(s) of the instrument	Canada	Canada	Canada
<i>Regulatory treatment</i>				
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	150	150	725
9	Par value of instrument	150	150	725
10	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	July 22, 2015	October 2, 2015	December 16, 2015
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Nov 24, 2020 to Nov 23, 2021 at \$26.00	Feb 24, 2021 to Feb 23, 2022 at \$26.00	May 24, 2021 at \$25.00
16	Subsequent call dates, if applicable	Nov 24, 2021 to Nov 23, 2022 at \$25.75 Nov 24, 2022 to Nov 23, 2023 at \$25.50 Nov 24, 2023 to Nov 23, 2024 at \$25.25 Nov 24, 2024 and thereafter at \$25.00	Feb 24, 2022 to Feb 23, 2023 at \$25.75 Feb 24, 2023 to Feb 23, 2024 at \$25.50 Feb 24, 2024 to Feb 23, 2025 at \$25.25 Feb 24, 2025 and thereafter at \$25.00	On May 24, 2026 and every fifth year thereafter at \$25.00
<i>Coupons/dividends</i>				
17	Fixed or floating dividend/coupon	Fixed	Fixed	Fixed to floating/fixed
18	Coupon rate and any related index	4.90%	5.25%	5.50% to, but excluding, May 24, 2021; the initial fixed rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 4.53% for each subsequent fixed rate period ⁷ . If converted into series BL, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 4.53%.
19	Existence of a dividend stopper	Yes	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Convertible	Convertible
24	If convertible, conversion trigger (s)	NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	i) Investor Election - Conversion to Series BL shares ii) NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.
25	If convertible, fully or partially	NVCC Trigger - Conversion to common shares: Always convert fully	NVCC Trigger - Conversion to common shares: Always convert fully	i) Investor Election - Conversion to Series BL shares: May convert fully or partially
26	If convertible, conversion rate	NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BI share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.	NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BI share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.	i) Investor Election - Conversion to Series BL shares: Convertible into Series BL Preferred Shares on the basis of one Series BL Preferred Share for each Series BK Preferred Share. Convertible on May 24, 2021 and on each May 24 every fifth year thereafter. ii) NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BK and Series BL share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.
27	If convertible, mandatory or optional conversion	NVCC Trigger - Conversion to common shares: Mandatory	NVCC Trigger - Conversion to common shares: Mandatory	i) Investor Election - Conversion to Series BL shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory
28	If convertible, specify instrument type convertible into	Common Equity Tier 1	Common Equity Tier 1	Additional tier 1/Common Equity Tier 1
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	No	No	No
37	If yes, specify non-compliant features	N/A	N/A	N/A

7 Subsequent Fixed Rate Period means the period from and including May 24, 2021 to, but excluding, May 24, 2026 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, May 24 in the fifth year thereafter.

Disclosure template for main features of regulatory capital instruments			
Preferred Shares			
		Series BM	Series C-2
1	Issuer	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	78013N274	78013G303
3	Governing law(s) of the instrument	Canada	Canada
<i>Regulatory treatment</i>			
4	Transitional Basel III rules	Additional Tier 1	Ineligible
5	Post-transitional Basel III rules	Additional Tier 1	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group	N/A
7	Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	750	0
9	Par value of instrument	750	USD 20
10	Accounting classification	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	March 7, 2016	November 2, 2015
12	Perpetual or dated	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	August 24, 2021 at \$25.00	Nov 7, 2023 at \$1000.00 per share (equivalent to \$25.00 per depositary share)
16	Subsequent call dates, if applicable	On August 24, 2026 and every fifth year thereafter at \$25.00	Any dividend payment date on or after November 7, 2023 at \$1000.00 per share (equivalent to \$25.00 per depositary share)
<i>Coupons/dividends</i>			
17	Fixed or floating dividend/coupon	Fixed to floating/fixed	Fixed to floating
18	Coupon rate and any related index	5.50% to, but excluding, August 24, 2021; the initial fixed rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 4.80% for each subsequent fixed rate period ⁸ . If converted into series BN, the coupon will set at a floating rate equal to the sum of the T-Bill Rate plus 4.80%.	6.75% to, but excluding, November 7, 2023. From November 7, 2023 and thereafter 3M USD LIBOR plus 4.052%.
19	Existence of a dividend stopper	Yes	Yes
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Nonconvertible
24	If convertible, conversion trigger (s)	i) Investor Election - Conversion to Series BN shares ii) NVCC Trigger (Contractual Approach) - Conversion to common shares: a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	N/A
25	If convertible, fully or partially	i) Investor Election - Conversion to Series BN shares: May convert fully or partially ii) NVCC Trigger - Conversion to common shares: Always convert fully	N/A
26	If convertible, conversion rate	i) Investor Election - Conversion to Series BN shares: Convertible into Series BN Preferred Shares on the basis of one Series BN Preferred Share for each Series BM Preferred Share. Convertible on August 24, 2021 and on each August 24 every fifth year thereafter. ii) NVCC Trigger - Conversion to common shares: Upon the occurrence of NVCC trigger event, each outstanding Series BM and Series BN share is converted into a number of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details.	N/A
27	If convertible, mandatory or optional conversion	i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory	N/A
28	If convertible, specify instrument type convertible into	Additional tier 1/Common Equity Tier 1	N/A
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	N/A
30	Write-down feature	No	No
31	If write-down, write-down trigger (s)	N/A	N/A
32	If write-down, full or partial	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt
36	Non-compliant transitioned features	No	Yes
37	If yes, specify non-compliant features	N/A	Lack of NVCC features

⁸ Subsequent Fixed Rate Period means the period from and including August 24, 2021 to, but excluding, August 24, 2026 and each five year period thereafter from and including the day immediately following the end of the immediately preceding Subsequent Fixed Rate Period to, but excluding, August 24 in the fifth year thereafter.

Disclosure template for main features of regulatory capital instruments		
Trust Capital Securities		Series 2008-1
1	Issuer	RBC Capital Trust
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	74925YAD4
3	Governing law(s) of the instrument	Canada
<i>Regulatory treatment</i>		
4	Transitional Basel III rules	Additional Tier 1
5	Post-transitional Basel III rules	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Innovative Tier 1
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	511
9	Par value of instrument	500
10	Accounting classification	Non-controlling interest in consolidated subsidiary
11	Original date of issuance	April 28, 2008
12	Perpetual or dated	Perpetual
13	Original maturity date	No maturity
14	Issuer call subject to prior supervisory approval	Yes
15	Optional call date, contingent call dates and redemption amount	Jun 30, 2013 at the greater of \$1000 per RBC TruCS - Series 2008-1 and the RBC TruCS - Series 2008-1 Canada Yield Price ⁹ . Prior to Jun 30, 2013 upon the occurrence of a regulatory event or tax event, at the greater of \$1000 per RBC TruCS - Series 2008-1 and the RBC TruCS - Series 2008-1 Canada Yield Price ⁹ .
16	Subsequent call dates, if applicable	On Jun 30, 2013 and on any distribution date thereafter at (i) the greater of \$1000 per RBC TruCS - Series 2008-1 and the RBC TruCS - Series 2008-1 Canada Yield Price ⁹ , if redeemed prior to Jun 30, 2018; or (ii) \$1000 per RBC TruCS - Series 2008-1, if redeemed on or after Jun 30, 2018.
<i>Coupons/dividends</i>		
17	Fixed or floating dividend/coupon	Fixed to floating
18	Coupon rate and any related index	6.821% to Jun 30, 2018 and, thereafter, one half the sum of Bankers' Acceptance Rate (reset semi annually) plus 350 basis points.
19	Existence of a dividend stopper	Yes
20	Fully discretionary, partially discretionary or mandatory	Partially discretionary
21	Existence of a step up or other incentive to redeem	Yes
22	Noncumulative or cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible
24	If convertible, conversion trigger (s)	Automatic conversion into Series AI Preferred Shares upon the occurrence of a loss absorption event. Please refer to prospectus for further details.
25	If convertible, fully or partially	Always convert fully
26	If convertible, conversion rate	Convertible into Series AI Preferred Shares on the basis of 40 Series AI Preferred Shares for each TruCS-Series 2008-1.
27	If convertible, mandatory or optional conversion	Mandatory
28	If convertible, specify instrument type convertible into	Additional tier 1
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada
30	Write-down feature	No
31	If write-down, write-down trigger (s)	N/A
32	If write-down, full or partial	N/A
33	If write-down, permanent or temporary	N/A
34	If temporary write-down, description of write-down mechanism	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt
36	Non-compliant transitioned features	Yes
37	If yes, specify non-compliant features	Incentive to redeem (step up), Lack of NVCC features

9 Canada Yield Price means a price per RBC TruCS - Series 2008-1 calculated to provide an annual yield thereon to June 30, 2018, compounded semi-annually, equal to the Government of Canada Yield plus 0.77% determined on the Business Day immediately preceding the date on which the Trust has given notice of the redemption of the RBC TruCS-Series 2008-1 or the Business Day immediately preceding the date of the termination of the Trust, as the case may be, plus the Unpaid Indicated Distribution.

Disclosure template for main features of regulatory capital instruments				
Subordinated Indebtedness				
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780086CW2	GB0007542557	780087AK8
3	Governing law(s) of the instrument	Canada	Canada	Canada
	<i>Regulatory treatment</i>			
4	Transitional Basel III rules	Tier 2	Tier 2	Tier 2
5	Post-transitional Basel III rules	Ineligible	Ineligible	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Tier 2 Subordinated Debt	Tier 2 Subordinated Debt	Tier 2 Subordinated Debt
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	1,993	223	223
9	Par value of instrument	2,000	USD 300	250
10	Accounting classification	Liability - amortized cost	Liability - amortized cost	Liability - amortized cost
11	Original date of issuance	December 6, 2012	June 6, 1986	October 1, 1984
12	Perpetual or dated	Dated	Dated	Dated
13	Original maturity date	December 6, 2024	June 29, 2085	October 1, 2083
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Dec 6, 2019 at par	On the interest payment date falling in June 1991 at par	Oct 1, 1989 at par
16	Subsequent call dates, if applicable	Any time on or after Dec 6, 2019 at par	Any time on or after the interest payment date falling on June 1991, on any interest payment date, at par	Any time on or after Oct 1, 1989, on any interest payment date, at par
	<i>Coupons/dividends</i>			
17	Fixed or floating dividend/coupon	Fixed to floating	Floating	Floating
18	Coupon rate and any related index	Fixed at 2.990% per annum until Dec 6, 2019. Thereafter, floating to maturity at 3-month CDOR plus 1.10%.	3M US LIMEAN + 25	.40% + 30 day BA
19	Existence of a dividend stopper	No	No	No
20	Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory	Mandatory
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible	Non-convertible	Non-convertible
24	If convertible, conversion trigger (s)	N/A	N/A	N/A
25	If convertible, fully or partially	N/A	N/A	N/A
26	If convertible, conversion rate	N/A	N/A	N/A
27	If convertible, mandatory or optional conversion	N/A	N/A	N/A
28	If convertible, specify instrument type convertible into	N/A	N/A	N/A
29	If convertible, specify issuer of instrument it converts into	N/A	N/A	N/A
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank
36	Non-compliant transitioned features	Yes	Yes	Yes
37	If yes, specify non-compliant features	Lack of NVCC features	Lack of NVCC features	Lack of NVCC features

Disclosure template for main features of regulatory capital instruments				
Subordinated Indebtedness				
1	Issuer	Royal Bank of Canada	RBC Royal Bank (Trinidad & Tobago) Limited	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	GG7162199	N/A	780086JC9
3	Governing law(s) of the instrument	Canada	Trinidad and Tobago	Canada
	<i>Regulatory treatment</i>			
4	Transitional Basel III rules	Tier 2	Tier 2	Tier 2
5	Post-transitional Basel III rules	Ineligible	Ineligible	Tier 2
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Tier 2 Subordinated Debt	Tier 2 Subordinated Debt	Tier 2 Subordinated Debt
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	109	10	1,002
9	Par value of instrument	110	TTD 300	1,000
10	Accounting classification	Liability - amortized cost	Liability - amortized cost	Liability - amortized cost
11	Original date of issuance	June 8, 1993	November 1, 2012	July 17, 2014
12	Perpetual or dated	Dated	Dated	Dated
13	Original maturity date	June 8, 2023	November 1, 2027	July 17, 2024
14	Issuer call subject to prior supervisory approval	No	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	N/A	Nov 1, 2022 at par	Jul 17, 2019 at par
16	Subsequent call dates, if applicable	N/A	N/A	Any time on or after July 17, 2019, at par
	<i>Coupons/dividends</i>			
17	Fixed or floating dividend/coupon	Fixed	Fixed	Fixed to floating
18	Coupon rate and any related index	9.30%	4.75%	Fixed at 3.04% per annum until July 17, 2019. Thereafter, floating to maturity at 3-month CDOR plus 1.08%.
19	Existence of a dividend stopper	No	No	No
20	Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory	Mandatory
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible	Non-convertible	Convertible
24	If convertible, conversion trigger (s)	N/A	N/A	NVCC Trigger (Contractual Approach) a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.
25	If convertible, fully or partially	N/A	N/A	Always convert fully
26	If convertible, conversion rate	N/A	N/A	Upon the occurrence of NVCC trigger event, each outstanding Note is converted into a number of common shares equal to (Multiplier x Note Value) / Conversion Price. Refer to prospectus for further details.
27	If convertible, mandatory or optional conversion	N/A	N/A	Mandatory
28	If convertible, specify instrument type convertible into	N/A	N/A	Common Equity Tier 1
29	If convertible, specify issuer of instrument it converts into	N/A	N/A	Royal Bank of Canada
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank
36	Non-compliant transitioned features	Yes	Yes	No
37	If yes, specify non-compliant features	Lack of NVCC features	Lack of NVCC features	N/A

Disclosure template for main features of regulatory capital instruments				
Subordinated Indebtedness				
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780086JM7	780086KR4	780086LZ5
3	Governing law(s) of the instrument	Canada	Canada	Canada
	<i>Regulatory treatment</i>			
4	Transitional Basel III rules	Tier 2	Tier 2	Tier 2
5	Post-transitional Basel III rules	Tier 2	Tier 2	Tier 2
6	Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7	Instrument type (types to be specified by jurisdiction)	Tier 2 Subordinated Debt	Tier 2 Subordinated Debt	Tier 2 Subordinated Debt
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	1,014	992	1,456
9	Par value of instrument	1,000	1,000	1,500
10	Accounting classification	Liability - amortized cost	Liability - amortized cost	Liability - amortized cost
11	Original date of issuance	September 29, 2014	June 4, 2015	January 20, 2016
12	Perpetual or dated	Dated	Dated	Dated
13	Original maturity date	September 29, 2026	June 4, 2025	January 20, 2026
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Sept 29, 2021 at par	June 4, 2020 at par	Jan 20, 2021 at par
16	Subsequent call dates, if applicable	Any time on or after Sept 29, 2021, at par	Any time on or after June 4, 2020, at par	Any time on or after Jan 20, 2021, at par
	<i>Coupons/dividends</i>			
17	Fixed or floating dividend/coupon	Fixed to floating	Fixed to floating	Fixed to floating
18	Coupon rate and any related index	Fixed at 3.45% per annum until September 29, 2021. Thereafter, floating to maturity at 3-month CDOR plus 1.12%.	Fixed at 2.48% per annum until June 4, 2020. Thereafter, floating to maturity at 3-month CDOR plus 1.10%.	Fixed at 3.31% per annum until January 20, 2021. Thereafter, floating to maturity at 3-month CDOR plus 2.35%.
19	Existence of a dividend stopper	No	No	No
20	Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory	Mandatory
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Convertible	Convertible
24	If convertible, conversion trigger (s)	NVCC Trigger (Contractual Approach) a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	NVCC Trigger (Contractual Approach) a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	NVCC Trigger (Contractual Approach) a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.
25	If convertible, fully or partially	Always convert fully	Always convert fully	Always convert fully
26	If convertible, conversion rate	Upon the occurrence of NVCC trigger event, each outstanding Note is converted into a number of common shares equal to (Multiplier x Note Value) / Conversion Price. Refer to prospectus for further details.	Upon the occurrence of NVCC trigger event, each outstanding Note is converted into a number of common shares equal to (Multiplier x Note Value) / Conversion Price. Refer to prospectus for further details.	Upon the occurrence of NVCC trigger event, each outstanding Note is converted into a number of common shares equal to (Multiplier x Note Value) / Conversion Price. Refer to prospectus for further details.
27	If convertible, mandatory or optional conversion	Mandatory	Mandatory	Mandatory
28	If convertible, specify instrument type convertible into	Common Equity Tier 1	Common Equity Tier 1	Common Equity Tier 1
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank
36	Non-compliant transitioned features	No	No	No
37	If yes, specify non-compliant features	N/A	N/A	N/A

Disclosure template for main features of regulatory capital instruments				
Subordinated Indebtedness				
1	Issuer	Royal Bank of Canada	City National Bank	City National Bank
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780082AD5	178180GB5	178180GD1
3	Governing law(s) of the instrument	Canada	State of New York	State of New York
	<i>Regulatory treatment</i>			
4	Transitional Basel III rules	Tier 2	Ineligible	Ineligible
5	Post-transitional Basel III rules	Tier 2	Ineligible	Ineligible
6	Eligible at solo/group/group&solo	Solo and Group	Solo	Solo
7	Instrument type (types to be specified by jurisdiction)	Tier 2 Subordinated Debt	Tier 2 subordinated debt	Tier 2 subordinated debt
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	1,882	0	0
9	Par value of instrument	USD 1,500	USD 75	USD 150
10	Accounting classification	Liability - amortized cost	Liability - amortised cost	Liability - amortised cost
11	Original date of issuance	January 27, 2016	August 12, 2009	June 20, 2012
12	Perpetual or dated	Dated	Dated	Dated
13	Original maturity date	January 27, 2026	August 12, 2019	July 15, 2022
14	Issuer call subject to prior supervisory approval	No	No	No
15	Optional call date, contingent call dates and redemption amount	N/A	N/A	N/A
16	Subsequent call dates, if applicable	N/A	N/A	N/A
	<i>Coupons/dividends</i>			
17	Fixed or floating dividend/coupon	Fixed	Fixed	Fixed
18	Coupon rate and any related index	4.65%	9.00%	5.38%
19	Existence of a dividend stopper	No	No	No
20	Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory	Mandatory
21	Existence of a step up or other incentive to redeem	No	No	No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Convertible	Nonconvertible	Nonconvertible
24	If convertible, conversion trigger (s)	NVCC Trigger (Contractual Approach) a) The Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion of all instruments, it is likely that viability of the Bank will be restored or maintained. b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	N/A	N/A
25	If convertible, fully or partially	Always convert fully	N/A	N/A
26	If convertible, conversion rate	Upon the occurrence of NVCC trigger event, each outstanding Note is converted into a number of common shares equal to (Multiplier x Note Value) / Conversion Price. Refer to prospectus for further details.	N/A	N/A
27	If convertible, mandatory or optional conversion	Mandatory	N/A	N/A
28	If convertible, specify instrument type convertible into	Common Equity Tier 1	N/A	N/A
29	If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	N/A	N/A
30	Write-down feature	No	No	No
31	If write-down, write-down trigger (s)	N/A	N/A	N/A
32	If write-down, full or partial	N/A	N/A	N/A
33	If write-down, permanent or temporary	N/A	N/A	N/A
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank	Deposit liabilities and all other senior indebtedness of the Bank
36	Non-compliant transitioned features	No	Yes	Yes
37	If yes, specify non-compliant features	N/A	Lack of NVCC features	Lack of NVCC features