Main Features Report Q3/2019

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, which was subsequently revised on May 2018. 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 and other TLAC eligible instruments, which are set out in the publication entitled *Pillar 3 disclosure requirements – consolidated and enhanced framework.*

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	Disclosure template for main features of regulatory capital instrumen Common Shares	
	Included in both regulatory capital and TLAC	
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	Ontario
3a	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-el	
Ja	instruments governed by foreign law)	IIGIDIE IVA
	Regulatory treatment	
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)	17,593
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
10	Coupons/dividends	1077
17	Fixed or floating dividend/coupon	N/A
18	Coupon rate and any related index	\$1.02 (quarterly dividend effective August 23,
10	Coupon rate and any related index	2019)
19	Existence of a dividend stopper	No 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 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
34 34a	Type of subordination	IN/A
35 35	Position in subordination Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Preferred Shares and Innovative Tier 1
36		
36	Non-compliant transitioned features If yes, specify non-compliant features	No N/A

Disclo	sure template for main features of regulatory capital instru	uments			
Preferred Shares					
	Included in both regulatory capital and TLAC				
	Series W	Series AA	Series AC		
Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada		
Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780085502	780085445	780102604		
Governing law(s) of the instrument	Ontario	Ontario	Ontario		
l Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligil	ole N/A	N/A	N/A		
instruments governed by foreign law)					
Regulatory treatment					
Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1		
Post-transitional Basel III rules	Ineligible	Ineligible	Ineligible		
Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group		
Instrument type (types to be specified by jurisdiction) Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	Preferred Shares	Preferred Shares	Preferred Shares		
Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	300	300	200		
Par value of instrument	300	300	200		
Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity		
Original date of issuance	January 31, 2005	April 4, 2006	November 1, 2006		
Perpetual or dated	Perpetual	Perpetual	Perpetual		
Original maturity date	No maturity	No maturity	No maturity		
Issuer call subject to prior supervisory approval	Yes	Yes	Yes		
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		
Subsequent call dates, if applicable	Feb 24, 2011 to Feb 23, 2012 at \$25.75	May 24, 2012 to May 23, 2013 at \$25.75	Nov 24, 2012 to Nov 23, 2013 at \$25.75		
	Feb 24, 2012 to Feb 23, 2013 at \$25.50	May 24, 2013 to May 23, 2014 at \$25.50	Nov 24, 2013 to Nov 23, 2014 at \$25.50		
	Feb 24, 2013 to Feb 23, 2014 at \$25.25	May 24, 2014 to May 23, 2015 at \$25.25	Nov 24, 2014 to Nov 23, 2015 at \$25.25		
	Feb 24, 2014 and thereafter at \$25.00	May 24, 2015 and thereafter at \$25.00	Nov 24, 2015 and thereafter at \$25.00		
Coupons/dividends					
Fixed or floating dividend/coupon	Fixed	Fixed	Fixed		
Coupon rate and any related index	4.90%	4.45%	4.60%		
Existence of a dividend stopper	Yes	Yes	Yes		
Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary		
Existence of a step up or other incentive to redeem	No	No No	No		
Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative		
Convertible or non-convertible	Convertible	Non-convertible	Non-convertible		
If convertible, conversion trigger (s)	N/A	N/A	N/A		
If convertible, fully or partially	May convert fully or partially	N/A	N/A		
If convertible, conversion rate		N/A	N/A		
If convertible, conversion rate	of the outstanding Preferred Shares Series W into	IV/A	IVA		
	•				
	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.	11/4	ALIA.		
If convertible, mandatory or optional conversion	Optional	N/A	N/A		
If convertible, specify instrument type convertible into	Common equity tier 1	N/A	N/A		
If convertible, specify issuer of instrument it converts into	Royal Bank of Canada	N/A	N/A		
Write-down feature	No	No	No		
If write-down, write-down trigger (s)	N/A	N/A	N/A		
If write-down, full or partial	N/A	N/A	N/A		
If write-down, permanent or temporary	N/A	N/A	N/A		
If temporary write-down, description of write-down mechanism	N/A	N/A	N/A		
Type of subordination					
Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Subordinated debt		
Non-compliant transitioned features	Yes	Yes	Yes		
If yes, specify non-compliant features	Lack of NVCC features	Lack of NVCC features	Lack of NVCC features		

Discl	osure template for main features of regulatory cap	ital instruments				
	Preferred Shares					
Included in both regulatory capital and TLAC						
	Series AE	Series AF	Series AG			
Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada			
Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780102760	780102653	780102554			
Governing law(s) of the instrument	Ontario	Ontario	Ontario			
Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-elig	ible N/A	N/A	N/A			
instruments governed by foreign law)						
Regulatory treatment						
Transitional Basel III rules	Additional Tier 1	Additional Tier 1	Additional Tier 1			
Post-transitional Basel III rules	Ineligible	Ineligible	Ineligible			
Eligible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group			
Instrument type (types to be specified by jurisdiction)	Preferred Shares	Preferred Shares	Preferred Shares			
Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	250	200	250			
Par value of instrument	250	200	250			
Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity			
Original date of issuance	January 19, 2007	March 14, 2007	April 26, 2007			
Perpetual or dated	Perpetual	Perpetual	Perpetual			
Original maturity date	No maturity	No maturity	No maturity			
Issuer call subject to prior supervisory approval	Yes	Yes	Yes			
Optional call date, contingent call dates and redemption amount	Feb 24, 2012 to Feb 23, 2013 at \$26.00	May 24, 2012 to May 23, 2013 at \$26.00	May 24, 2012 to May 23, 2013 at \$26.00			
Subsequent call dates, if applicable	Feb 24, 2013 to Feb 23, 2014 at \$25.75	May 24, 2013 to May 23, 2014 at \$25.75	May 24, 2013 to May 23, 2014 at \$25.75			
	Feb 24, 2014 to Feb 23, 2015 at \$25.50	May 24, 2014 to May 23, 2015 at \$25.50	May 24, 2014 to May 23, 2015 at \$25.50			
	Feb 24, 2015 to Feb 23, 2016 at \$25.25	May 24, 2015 to May 23, 2016 at \$25.25	May 24, 2015 to May 23, 2016 at \$25.25			
	Feb 24, 2016 and thereafter at \$25,00	May 24, 2016 and thereafter at \$25,00	May 24, 2016 and thereafter at \$25,00			
Coupons/dividends	,	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,			
Fixed or floating dividend/coupon	Fixed	Fixed	Fixed			
Coupon rate and any related index	4.50%	4.45%	4.50%			
Existence of a dividend stopper	Yes	Yes	Yes			
Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Fully discretionary			
Existence of a step up or other incentive to redeem	No	No	No			
Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative			
Convertible or non-convertible	Non-convertible	Non-convertible	Non-convertible			
If convertible, conversion trigger (s)	N/A	N/A	N/A			
If convertible, fully or partially	N/A	N/A	N/A			
If convertible, conversion rate	N/A	N/A	N/A			
If convertible, mandatory or optional conversion	N/A	N/A	N/A			
If convertible, specify instrument type convertible into	N/A	N/A	N/A			
If convertible, specify instrument type convertible into	N/A	N/A	N/A			
Write-down feature	No	No No	No			
If write-down, write-down trigger (s)	N/A	N/A	N/A			
If write-down, full or partial	N/A	N/A	N/A			
If write-down, rull of partial	N/A	N/A	N/A			
If temporary write-down, description of write-down mechanism	N/A	N/A	N/A			
Type of subordination	IVA	IV/A	IWA			
Position in subordination lierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated debt	Subordinated debt	Cubordinated daht			
rosition in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)			Subordinated debt			
Non-compliant transitioned features	Yes	Yes	Yes			

	Disclosi	ure template for main features of regulatory capital instru	ments	
-		Preferred Shares Included in both regulatory capital and TLAC		
		Series AZ	Series BB	Series BD
1	Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eq CUSIP, ISIN, or Bloomberg identifier for private placement)	78012G411	78012H567	78012Q112
3	Governing law(s) of the instrument	Ontario	Ontario	Ontario
3a	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A	N/A
	instruments governed by foreign law)			
	Regulatory treatment			
4		Additional Tier 1	Additional Tier 1	Additional Tier 1
5		Additional Tier 1	Additional Tier 1	Additional Tier 1
6	Eliqible at solo/group/group&solo	Solo and Group	Solo and Group	Solo and Group
7		Preferred Shares	Preferred Shares	Preferred Shares
8		500 500	500 500	600 600
	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
	Original date of issuance	January 30, 2014	June 3, 2014	January 30, 2015
	Perpetual or dated	Perpetual	Perpetual	Perpetual
13		No maturity	No maturity	No maturity
14		Yes	Yes	Yes
15		May 24, 2019 at \$25.00	August 24, 2019 at \$25.00	May 24, 2020 at \$25.00
16		On May 24, 2029 and every fifth year thereafter at \$25.00	On August 24, 2024 and every fifth year thereafter at	On May 24, 2025 and every fifth year thereafter at \$25.00
			\$25.00	
	Coupons/dividends			
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	3.70% to, but excluding, May 24, 2024; the initial fixed rate	3.90% to, but excluding, August 24, 2019; the initial fixed	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	rate period. Set to reset at a fixed rate which will equal the	period. Set to reset at a fixed rate which will equal the sum
		of GOC Yield plus 2.21% for each subsequent fixed rate	sum of GOC Yield plus 2.26% for each subsequent fixed	of GOC Yield plus 2.74% for each subsequent fixed rate
		period1. If converted into series BA, the coupon will set at a	rate period2. If converted into series BC, the coupon will set	period3. If converted into series BE, the coupon will set at a
		floating rate equal to the sum of the T-Bill Rate plus 2.21%.	at a floating rate equal to the sum of the T-Bill Rate plus	floating rate equal to the sum of the T-Bill Rate plus 2.74%
<u> </u>			2.26%.	
19		Yes	Yes	Yes
20		Fully discretionary	Fully discretionary	Fully discretionary
21		No .	No	No
22		Non-cumulative Convertible	Non-cumulative Convertible	Non-cumulative Convertible
24	Convertible or non-convertible If convertible, conversion trigger (s)	i) Investor Election - Conversion to Series BA shares	i) Investor Election - Conversion to Series BC shares	i) Investor Election - Conversion to Series BE shares
		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.	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 nijection from the government, without which the Bank would have been determined by the Superintendent to be non-viable.	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	ii) Investor Election - Conversion to Series BA shares: May convert fully or partially iii) NVCC Trigger - Conversion to common shares: Always convert fully	Investor Election - Conversion to Series BC shares: May convert fully or partially In NVCC Trigger - Conversion to common shares: Always convert fully	Investor Election - Conversion to Series BE shares: May convert fully or partially In NVCC Trigger - Conversion to common shares: Always convert fully
26		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.	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.
	If convertible, mandatory or optional conversion	i) Investor Election - Conversion to Series BA shares: Optional	i) Investor Election - Conversion to Series BC shares: Optional	ii) Investor Election - Conversion to Series BE shares: Optional iii) NVCC Trigger - Conversion to common shares:
27		ii) NVCC Trigger - Conversion to common shares: Mandatory	ii) NVCC Trigger - Conversion to common shares: Mandatory	Mandatory
28		ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1	Mandatory Additional tier 1/Common Equity Tier 1	Mandatory Additional tier 1/Common Equity Tier 1
28 29	If convertible, specify issuer of instrument it converts into	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada
28 29 30	If convertible, specify issuer of instrument it converts into Write-down feature	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No
28 29 30 31	If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s)	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No NVA	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A
28 29 30 31 32	If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No
28 29 30 31 32 33	If conventible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, permanent or temporary If write-down, permanent or temporary	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No Ni/A Ni/A Ni/A Ni/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A
28 29 30 31 32 33 34	If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A
28 29 30 31 32 33 34 34a	If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A
28 29 30 31 32 33 34 34a 35	If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism	ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No Ni/A Ni/A Ni/A Ni/A	Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A

- 1 Subsequent Fixed Rate Period means the period from and including May 24, 2024 to, but excluding, May 24, 2029 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.
- 2 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. The dividend rate for the 5-year period from and including August 24, 2019 to, but excluding, August 24, 2024 will be 3.65% for Series BB shares, being equal to the 5-Year Government of Canada bond yield determined as of July 25, 2019 plus 2.26%, as determined in accordance with the terms of the Series BB shares.
- 3 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.

<u></u>	Disclose	re template for main features of regulatory capital instru	ments	
		Preferred Shares		
-		Included in both regulatory capital and TLAC Series BF	Series BH	Series BI
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)	78012T470	78013J455	78013K601
3	Governing law(s) of the instrument	Ontario	Ontario	Ontario
	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eliqible		N/A	N/A
	instruments governed by foreign law)			
	Regulatory treatment			
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		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		300	150	150
9	Par value of instrument	300	150	150
10		Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	March 13, 2015	June 5, 2015	July 22, 2015
12		Perpetual	Perpetual	Perpetual
13		No maturity	No maturity	No maturity
14		Yes	Yes	Yes
15		November 24, 2020 at \$25.00	Nov 24, 2020 to Nov 23, 2021 at \$26.00	Nov 24, 2020 to Nov 23, 2021 at \$26.00
16	Subsequent call dates, if applicable	On November 24, 2025 and every fifth year thereafter at	Nov 24, 2021 to Nov 23, 2022 at \$25.75	Nov 24, 2021 to Nov 23, 2022 at \$25.75
1		\$25.00	Nov 24, 2022 to Nov 23, 2023 at \$25.50	Nov 24, 2022 to Nov 23, 2023 at \$25.50
1			Nov 24, 2023 to Nov 23, 2024 at \$25.25	Nov 24, 2023 to Nov 23, 2024 at \$25.25
-	Coupana/dividanda	 	Nov 24, 2024 and thereafter at \$25.00	Nov 24, 2024 and thereafter at \$25.00
17	Coupons/dividends	Fixed to floating/fixed	Fixed	Fixed
17	Fixed or floating dividend/coupon Coupon rate and any related index	3.60% to, but excluding, November 24, 2020; the initial	Fixed 4.90%	Fixed 4.90%
1 18	Coupon rate and any related index	fixed rate period. Set to reset at a fixed rate which will	7.50 /0	7.5070
1		equal the sum of GOC Yield plus 2.62% for each		
1		subsequent fixed rate period ⁴ . If converted into series BG,		
1		the coupon will set at a floating rate equal to the sum of the		
		T-Bill Rate plus 2.62%.		
19	Existence of a dividend stopper	Yes	Yes	Yes
20		Fully discretionary	Fully discretionary	Fully discretionary
21	Existence of a step up or other incentive to redeem	No	No	No No
22	Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23		Convertible	Convertible	Convertible
24	If convertible, conversion trigger (s)	i) Investor Election - Conversion to Series BG shares	NVCC Trigger (Contractual Approach) - Conversion to	NVCC Trigger (Contractual Approach) - Conversion to
	ii odili olisio, odili olisio il diggo. (e)	ii) NVCC Trigger (Contractual Approach) -	common shares:	common shares:
		Conversion to common shares:	a) The Superintendent is of the opinion that the Bank has	a) The Superintendent is of the opinion that the Bank has
		a) The Superintendent is of the opinion that the Bank has		ceased, or is about to cease, to be viable and that, after the
		ceased, or is about to cease, to be viable and that, after the		conversion of all instruments, it is likely that viability of the
		conversion of all instruments, it is likely that viability of the	Bank will be restored or maintained.	Bank will be restored or maintained.
		Bank will be restored or maintained.	b) The bank has accepted or agreed to accept a capital	b) The bank has accepted or agreed to accept a capital
		b) The bank has accepted or agreed to accept a capital	injection from the government, without which the Bank	injection from the government, without which the Bank
		injection from the government, without which the Bank	would have been determined by the Superintendent to be	would have been determined by the Superintendent to be
		would have been determined by the Superintendent to be	non-viable.	non-viable.
		non-viable.		
25	If convertible, fully or partially	i) Investor Election - Conversion to Series BG shares: May		NVCC Trigger - Conversion to common shares: Always
		convert fully or partially	convert fully	convert fully
1		ii) NVCC Trigger - Conversion to common shares: Always		
<u></u>		convert fully		
26	If convertible, conversion rate	i) Investor Election - Conversion to Series BG shares:	NVCC Trigger - Conversion to common shares: Upon the	NVCC Trigger - Conversion to common shares: Upon the
1		Convertible into Series BG Preferred Shares on the basis		occurrence of NVCC trigger event, each outstanding Series
1		of one Series BG Preferred Share for each Series BF	BH share is converted into a number of common shares	BI share is converted into a number of common shares
		Preferred Share. Convertible on November 24, 2020 and	equal to (Multiplier x Book Value) / Conversion Price.	equal to (Multiplier x Book Value) / Conversion Price.
		on each November 24 every fifth year thereafter.	Refer to prospectus supplement for further details.	Refer to prospectus supplement for further details.
1		ii) NVCC Trigger - Conversion to common shares: Upon		
		the occurrence of NVCC trigger event, each outstanding		
		the occurrence of NVCC trigger event, each outstanding Series BF and Series BG share is converted into a number		
		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) /		
		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		
		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) /		
07	Hi opportible mondatory or optional appropria	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 Tragger Conversion to a service to the service	NVCC Tengar Conversion to a server have been server.
27	If convertible, mandatory or optional conversion	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: Mandatory	NVCC Trigger - Conversion to common shares: Mandatory
27	If convertible, mandatory or optional conversion	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. i) Investor Election - Conversion to Series BG shares: Optional	NVCC Trigger - Conversion to common shares: Mandatory	NVCC Trigger - Conversion to common shares: Mandatory
27	If convertible, mandatory or optional conversion	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares:	NVCC Trigger - Conversion to common shares: Mandatory	NVCC Trigger - Conversion to common shares: Mandatory
		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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory		
28	If convertible, specify instrument type convertible into	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1	Common Equity Tier 1	Common Equity Tier 1
28 29	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada	Common Equity Tier 1 Royal Bank of Canada	Common Equity Tier 1 Royal Bank of Canada
28 29 30	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Common Equity Tier 1 Royal Bank of Canada No	Common Equity Tier 1 Royal Bank of Canada No
28 29	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s)	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Common Equity Tier 1 Royal Bank of Canada No N/A	Common Equity Tier 1 Royal Bank of Canada No N/A
28 29 30 31	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	Common Equity Tier 1 Royal Bank of Canada No	Common Equity Tier 1 Royal Bank of Canada No
28 29 30 31 32	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, permanent or temporary	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A	Common Equity Tier 1 Royal Bank of Canada No N/A N/A	Common Equity Tier 1 Royal Bank of Canada No N/A N/A
28 29 30 31 32 33	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory. Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A	Common Equity Tier 1 Royal Bank of Canada No NVA NVA NVA
28 29 30 31 32 33 34	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory. Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A	Common Equity Tier 1 Royal Bank of Canada No NVA NVA NVA
28 29 30 31 32 33 34 34a	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A
28 29 30 31 32 33 34 34a 35 36	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	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. i) Investor Election - Conversion to Series BG shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A Subordinated debt	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A N/A Subordinated debt No	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A N/A Subordinated debt

⁴ 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 Included in both regulatory capital and TLAC		
		Series BJ	Series BK	Series BM
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)	78013K288	78013L211	78013N274
3	Governing law(s) of the instrument	Ontario	Ontario	Ontario
3a		N/A	N/A	N/A
	instruments governed by foreign law)			
L,	Regulatory treatment	A 1 10 1 10 10 10 10 10 10 10 10 10 10 10	A LUCY AND A STORY OF THE STORY	A Little A SEC. A
4	Transitional Basel III rules Post-transitional Basel III rules	Additional Tier 1	Additional Tier 1 Additional Tier 1	Additional Tier 1 Additional Tier 1
5	Eligible at solo/group/group&solo	Additional Tier 1 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	724	750
	Par value of instrument	150	725	750
	Accounting classification	Shareholders' Equity	Shareholders' Equity	Shareholders' Equity
11	Original date of issuance	October 2, 2015	December 16, 2015	March 7, 2016
12	Perpetual or dated	Perpetual	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity	No maturity
14		Yes	Yes	Yes
15	Optional call date, contingent call dates and redemption amount	Feb 24, 2021 to Feb 23, 2022 at \$26.00	May 24, 2021 at \$25.00	August 24, 2021 at \$25.00
16	Subsequent call dates, if applicable	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	On August 24, 2026 and every fifth year thereafter at \$25.00
	Coupons/dividends	Final	Fired to floating/fired	Fired to floating/fired
17 18	Fixed or floating dividend/coupon	Fixed 5.25%	Fixed to floating/fixed 5.50% to, but excluding, May 24, 2021; the initial fixed rate	Fixed to floating/fixed 5.50% to, but excluding, August 24, 2021; the initial fixed
10	Coupon rate and any related index	J. 2. 70	5.50% to, but excluding, May 24, 2021; the inlinal 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. 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%.	b.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. 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%.
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 If convertible, conversion trigger (s)	Convertible NVCC Trigger (Contractual Approach) - Conversion to	Convertible i) Investor Election - Conversion to Series BL shares	Convertible i) Investor Election - Conversion to Series BN 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.	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.	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	i) Investor Election - Conversion to Series BL shares: May	i) Investor Election - Conversion to Series BN shares: May
26	If convertible, conversion rate	convert fully 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.	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	convert fully or partially 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
			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.	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	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory
28	If convertible, specify instrument type convertible into	Common Equity Tier 1	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1
28	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into	Common Equity Tier 1 Royal Bank of Canada	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada
28 29 30	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature	Common Equity Tier 1 Royal Bank of Canada No	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier s/Common Equity Tier 1 Royal Bank of Canada No	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No
28 29 30 31	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s)	Common Equity Tier 1 Royal Bank of Canada No N/A	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No
28 29 30 31 32	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, full or partial	Common Equity Tier 1 Royal Bank of Canada No N/A N/A	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A
28 29 30 31 32 33	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary	Common Equity Tier 1 Royal Bank of Canada No NA N/A N/A N/A N/A	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A
28 29 30 31 32 33 34	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism	Common Equity Tier 1 Royal Bank of Canada No N/A N/A	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A
28 29 30 31 32 33 34 34a	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, full or partial If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination	Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A N/A N/A N/A
28 29 30 31 32 33 34 34a 35	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism	Common Equity Tier 1 Royal Bank of Canada No NA N/A N/A N/A N/A	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: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	of common shares equal to (Multiplier x Book Value) / Conversion Price. Refer to prospectus supplement for further details. i) Investor Election - Conversion to Series BN shares: Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No NA N/A N/A N/A N/A

⁵ 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.

⁶ 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				
	Preferred	Shares			
		Included in both regulatory capital and TLAC	Not Included in regulatory capital or TLAC		
		Series BO	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)	78013R390	78013G303		
3	Governing law(s) of the instrument	Ontario	Ontario		
3a I	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A		
\square	instruments governed by foreign law)				
\square	Regulatory treatment				
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)	350	0		
9	Par value of instrument	350	USD 20		
10	Accounting classification	Shareholders' Equity	Shareholders' Equity		
11	Original date of issuance	November 2, 2018	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	February 24, 2024 at \$25.00	Nov 7, 2023 at \$1000.00 per share (equivalent to \$25.00		
40	Cube any and sall dates if any limble	O- F-b	per depositary share)		
16	Subsequent call dates, if applicable	On February 24, 2029 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		
\vdash	On any of Parish		share)		
_	Coupons/dividends	Fixed to fleeting/fixed	Final to floating		
17	Fixed or floating dividend/coupon	Fixed to floating/fixed	Fixed to floating		
18	Coupon rate and any related index		6.75% to, but excluding, November 7, 2023. From		
1 1		rate period. Set to reset at a fixed rate which will equal the sum of GOC Yield plus 2.38% for each subsequent fixed	November 7, 2023 and thereafter 3M USD LIBOR plus 4.052%.		
			4.032%.		
1		rate period'. If converted into series BP, the coupon will set			
		at a floating rate equal to the sum of the T-Bill Rate plus			
40	F. Strang of a F. Shadanana	2.38%.	V		
19	Existence of a dividend stopper	Yes	Yes		
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary No	Fully discretionary No		
22	Existence of a step up or other incentive to redeem Noncumulative or cumulative	Non-cumulative			
23	Convertible or non-convertible	Convertible	Non-cumulative Nonconvertible		
24		i) Investor Election - Conversion to Series BP shares	N/A		
24	If convertible, conversion trigger (s)	ii) NVCC Trigger (Contractual Approach) - Conversion to	N/A		
		common shares:			
		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 BP shares: May	N/A		
		convert fully or partially			
1		ii) NVCC Trigger - Conversion to common shares: Always			
L I		convert fully			
26	If convertible, conversion rate	i) Investor Election - Conversion to Series BP shares:	N/A		
1		Convertible into Series BP Preferred Shares on the basis of			
		one Series BP Preferred Share for each Series BO			
1		Preferred Share. Convertible on February 24, 2024 and on			
		each February 24 every fifth year thereafter.			
		ii) NVCC Trigger - Conversion to common shares: Upon			
		the occurrence of NVCC trigger event, each outstanding			
1		Series BO and Series BP 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 BP shares:	N/A		
27	If convertible, mandatory or optional conversion	Optional	N/A		
27	If convertible, mandatory or optional conversion	Optional ii) NVCC Trigger - Conversion to common shares:	N/A		
		Optional ii) NVCC Trigger - Conversion to common shares: Mandatory			
28	If convertible, specify instrument type convertible into	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1	N/A		
28 29	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada	N/A N/A		
28 29 30	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No	N/A N/A No		
28 29 30 31	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s)	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A	N/A N/A No N/A		
28 29 30 31 32	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, full or partial	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A	N/A N/A No No N/A N/A		
28 29 30 31 32 33	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	N/A N/A No N/A N/A N/A		
28 29 30 31 32 33 34	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, permanent or temporary If temporary write-down, description of write-down mechanism	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A	N/A N/A No No N/A N/A		
28 29 30 31 32 33 34 34a	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, full or partial If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	N/A N/A No N/A N/A N/A N/A		
28 29 30 31 32 33 34 34a 35	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, write-down trigger (s) If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A N/A Subordinated debt	N/A N/A No No N/A N/A N/A N/A N/A N/A N/A Subordinated debt		
28 29 30 31 32 33 34 34a	If convertible, specify instrument type convertible into If convertible, specify issuer of instrument it converts into Write-down feature If write-down, full or partial If write-down, full or partial If write-down, permanent or temporary If temporary write-down, description of write-down mechanism Type of subordination	Optional ii) NVCC Trigger - Conversion to common shares: Mandatory Additional tier 1/Common Equity Tier 1 Royal Bank of Canada No N/A N/A N/A N/A	N/A N/A No N/A N/A N/A N/A		

⁷ Subsequent Fixed Rate Period means the period from and including February 24, 2024 to, but excluding, February 24, 2029 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.

7



Disclos	ure template for main features of regulatory capital instru	iments	
	Subordinated Indebtedness		
	Included in both regulatory capital and TLAC		
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	Ontario	Ontario	Ontario
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	e N/A	N/A	N/A
instruments governed by foreign law)			
Regulatory treatment			
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)	1,991	229	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	Any time on or after Oct 1, 1989, on any interest payment
	, , , , , , , , , , , , , , , , , , , ,	June 1991, on any interest payment date, at par	date, at par
Coupons/dividends			
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,		.40% + 30 day BA
	floating to maturity at 3-month CDOR plus 1.10%.		
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
34a Type of subordination			
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Deposit liabilities and all other senior indebtedness of the	Deposit liabilities and all other senior indebtedness of the	Deposit liabilities and all other senior indebtedness of the
	Bank	Bank	Bank
36 Non-compliant transitioned features	Yes	Yes	Yes

Disclos	ure template for main features of regulatory capital instru	uments	
	Subordinated Indebtedness		
	Included in both regulatory capital and TLAC		
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	780086RA4
3 Governing law(s) of the instrument	Ontario	Trinidad and Tobago	Ontario
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A	N/A
instruments governed by foreign law)			
Regulatory treatment	T0	T's a O	Tive 0
4 Transitional Basel III rules	Tier 2	Tier 2	Tier 2
5 Post-transitional Basel III rules	Ineligible	Ineligible	
6 Eligible at solo/group/group&solo 7 Instrument type (types to be specified by jurisdiction)	Solo and Group Tier 2 Subordinated Debt	Solo and Group Tier 2 Subordinated Debt	Solo and Group Tier 2 Subordinated Debt
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	65	24	1.456
Par value of instrument	110	TTD 300	1,450
10 Accounting classification	Liability - amortized cost	Liability - amortized cost	Liability - amortized cost
11 Original date of issuance	June 8, 1993	November 1, 2012	July 25, 2019
12 Perpetual or dated	Dated	Dated	Dated
13 Original maturity date	June 8, 2023	November 1, 2027	July 25, 2029
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 25, 2024 at par
16 Subsequent call dates, if applicable	N/A	N/A	Any time on or after July 25, 2024, at par
Coupons/dividends			
17 Fixed or floating dividend/coupon	Fixed	Fixed	Fixed to floating
18 Coupon rate and any related index	9.30%	4.75%	Fixed at 2.74% per annum until July 25, 2024. Thereafter,
			floating to maturity at 3-month CDOR plus 0.98%.
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 insurer 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
34a Type of subordination			
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

Disclos	ure template for main features of regulatory capital instru	iments	
5100100	Subordinated Indebtedness	anonto	
	Included in both regulatory capital and TLAC		
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	Ontario	Ontario	Ontario
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A	N/A
instruments governed by foreign law)			
Regulatory treatment			
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) 9 Par value of instrument	1,010	969 1.000	1,479 1.500
9 Par value of instrument 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
Coupons/dividends	7.1.7 1.110 011 01 0101 0001 201 2021, 01 001	711) 11110 011 01 0110 0110 1, 2020, 01 poi	7 my mino on or anor our 20, 2021, at par
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.	Fixed at 2.48% per annum until June 4, 2020. Thereafter,	Fixed at 3.31% per annum until January 20, 2021.
	Thereafter, floating to maturity at 3-month CDOR plus 1.12%.	floating to maturity at 3-month CDOR plus 1.10%.	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)	NVCC Trigger (Contractual Approach)	NVCC Trigger (Contractual Approach)
	a) The Superintendent is of the opinion that the Bank has	a) The Superintendent is of the opinion that the Bank has	a) The Superintendent is of the opinion that the Bank has
	ceased, or is about to cease, to be viable and that, after the		ceased, or is about to cease, to be viable and that, after the
	conversion of all instruments, it is likely that viability of the		conversion of all instruments, it is likely that viability of the
	Bank will be restored or maintained.	Bank will be restored or maintained.	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	b) The bank has accepted or agreed to accept a capital injection from the government, without which the Bank	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	would have been determined by the Superintendent to be	would have been determined by the Superintendent to be
	non-viable.	non-viable.	non-viable.
	non-viable.	non-viable.	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	Upon the occurrence of NVCC trigger event, each	Upon the occurrence of NVCC trigger event, each
25 in seriously serious rate	outstanding Note is converted into a number of common	outstanding Note is converted into a number of common	outstanding Note is converted into a number of common
	shares equal to (Multiplier x Note Value) / Conversion	shares equal to (Multiplier x Note Value) / Conversion	shares equal to (Multiplier x Note Value) / Conversion
	Price. Refer to prospectus for further details.	Price. Refer to prospectus for further details.	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
34a Type of subordination			
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

Disclos	ure template for main features of regulatory capital instru	ments	
	Subordinated Indebtedness		
	Included in both regulatory capital and TLAC	Not Included in regulatory capital or TLAC	Not Included in regulatory capital or TLAC
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	Ontario	State of New York	State of New York
Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligib	e N/A	N/A	N/A
instruments governed by foreign law)			
Regulatory treatment			
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
Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	1,987	0	0
9 Par value of instrument	USD 1,500	USD 75	USD 150
0 Accounting classification	Liability - amortized cost	Liability - amortised cost	Liability - amortised cost
1 Original date of issuance	January 27, 2016	August 12, 2009	June 20, 2012
2 Perpetual or dated	Dated	Dated	Dated
3 Original maturity date	January 27, 2026	August 12, 2019	July 15, 2022
lssuer call subject to prior supervisory approval	No	No	No
5 Optional call date, contingent call dates and redemption amount	N/A	N/A	N/A
6 Subsequent call dates, if applicable	N/A	N/A	N/A
Coupons/dividends			
7 Fixed or floating dividend/coupon	Fixed	Fixed	Fixed
8 Coupon rate and any related index	4.65%	9.00%	5.38%
9 Existence of a dividend stopper	No	No	No
Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory	Mandatory
1 Existence of a step up or other incentive to redeem	No	No	No
Noncumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
3 Convertible or non-convertible	Convertible	Nonconvertible	Nonconvertible
24 If convertible, conversion trigger (s)	NVCC Trigger (Contractual Approach)	N/A	N/A
	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.		
If convertible, fully or partially	Always convert fully	N/A	N/A
6 If convertible, conversion rate	Upon the occurrence of NVCC trigger event, each	N/A	N/A
	outstanding Note is converted into a number of common		
	shares equal to (Multiplier x Note Value) / Conversion		
	Price. Refer to prospectus for further details.		
	The state of the prospection for further detailer		
7 If convertible, mandatory or optional conversion	Mandatory	N/A	N/A
8 If convertible, specify instrument type convertible into	Common Equity Tier 1	N/A	N/A
9 If convertible, specify instrument it converts into	Royal Bank of Canada	N/A	N/A
0 Write-down feature	No	No	No
1 If write-down, write-down trigger (s)	N/A	N/A	N/A
2 If write-down, full or partial	N/A	N/A	N/A
3 If write-down, permanent or temporary	N/A	N/A	N/A
If temporary write-down, description of write-down mechanism	N/A	IN/A	N/A
	IN/A	IN/A	IV/A
a Type of subordination	Deposit lightilities and all other region in delete the second	Deposit liabilities and all other control in debte does 2.0	Deposit lightities and all other contents to deleted
5 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
		IB HOW	IBADK
Non-compliant transitioned features If yes, specify non-compliant features	No N/A	Yes Lack of NVCC features	Yes Lack of NVCC features

Disc	osure template for main features of regulatory ca	pital instruments	
	Other TLAC instruments issued directly by the	he bank	
	Included in TLAC not included in regulatory	capital	
1 Issuer	Royal of Canada	Royal of Canada	Royal of Canada
2 Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	CA780086QL11	US78013XW204	US78013XW618
3 Governing law(s) of the instrument	ONTARIO	NEW YORK	NEW YORK
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-elic	ible N/A	Contractual	Contractual
instruments governed by foreign law)			
Regulatory treatment	N/A	N/A	N/A
4 Transitional Basel III rules	N/A	N/A	N/A
5 Post-transitional Basel III rules	N/A	N/A	N/A
6 Eligible at solo/group/group&solo	N/A	N/A	N/A
7 Instrument type	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9 Par value of instrument	CAD 2,000	USD 1,500	USD 300
10 Accounting classification	Liability - amortised cost	Liability - amortised cost	Liability - amortised cost
11 Original date of issuance	September 26, 2018	October 5, 2018	October 5, 2018
12 Perpetual or dated	Dated	Dated	Dated
13 Original maturity date	September 26, 2023	October 5, 2023	October 5, 2023
14 Issuer call subject to prior supervisory approval	No	No	No
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
Coupons/dividends			
17 Fixed or floating dividend/coupon	Fixed	Fixed	Floating
18 Coupon rate and any related index	3.296%	3.70%	3MTH USD LIBOR+0.66%
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	NA	NA	NA
34 If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
34a Type of subordination	Exemption	Exemption	Exemption
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated
36 Non-compliant transitioned features	No	No	No
37 If yes, specify non-compliant features	N/A	N/A	N/A

Dis	Disclosure template for main features of regulatory capital instruments				
	Other TLAC instruments issued directly by the	he bank			
	Included in TLAC not included in regulatory				
1 Issuer	Royal of Canada	Royal of Canada	Royal of Canada		
2 Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	XS1894634135	XS1939278070	US78013XX293		
3 Governing law(s) of the instrument	ONTARIO	ONTARIO	NEW YORK		
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-el	ligible N/A	N/A	Contractual		
instruments governed by foreign law)	ĭ				
Regulatory treatment	N/A	N/A	N/A		
4 Transitional Basel III rules	N/A	N/A	N/A		
5 Post-transitional Basel III rules	N/A	N/A	N/A		
6 Eligible at solo/group/group&solo	N/A	N/A	N/A		
7 Instrument type	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments		
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only		
9 Par value of instrument	EUR 50	EUR 500	USD 600		
10 Accounting classification	Liability - fair value option	Liability - amortised cost	Liability - amortised cost		
11 Original date of issuance	October 17, 2018	January 25, 2019	January 25, 2019		
12 Perpetual or dated	Dated	Dated	Dated		
13 Original maturity date	October 17, 2022	January 25, 2021	January 25, 2021		
14 Issuer call subject to prior supervisory approval	No	No	No		
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		
Coupons/dividends					
17 Fixed or floating dividend/coupon	Floating	Floating	Floating		
18 Coupon rate and any related index	3MTH EURIBOR+0.70%	3MTH EURIBOR+0.75%	3MTHS USD LIBOR+0.40%		
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 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	NA	NA	NA		
34 If temporary write-down, description of write-down mechanism	N/A	N/A	N/A		
34a Type of subordination	Exemption	Exemption	Exemption		
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated		
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				
		Other TLAC instruments issued directly by the bank			
		Included in TLAC not included in regulatory capital			
1	Issuer	Royal of Canada	Royal of Canada	Royal of Canada	
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	XS1963783672	XS1971424723	US78013X6D51	
3	Governing law(s) of the instrument	ONTARIO	ONTARIO	NEW YORK	
3a	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A	Contractual	
	instruments governed by foreign law)				
	Regulatory treatment	N/A	N/A	N/A	
4	Transitional Basel III rules	N/A	N/A	N/A	
5	Post-transitional Basel III rules	N/A	N/A	N/A	
6	Eligible at solo/group/group&solo	N/A	N/A	N/A	
7	Instrument type	Other TLAC Instruments	Other TLAC Instruments	Other TLAC Instruments	
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	
9	Par value of instrument	HKD 200	USD 20	USD 1,000	
10		Liability - fair value option	Liability - amortised cost	Liability - amortised cost	
11		March 18, 2019	March 29, 2019	April 29, 2019	
	Perpetual or dated	Dated	Dated	Dated	
13	Original maturity date	March 18, 2022	March 29, 2029	April 29, 2022	
	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	
	Coupons/dividends				
17	Fixed or floating dividend/coupon	Fixed	Floating	Fixed	
18	Coupon rate and any related index	2.555%	3MTH US LIBOR+0.72%	2.80%	
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	ii control in particular	N/A	N/A	N/A	
26	If convertible, conversion rate	N/A	N/A	N/A	
27	If convertible, mandatory or optional conversion	NA	NA	NA .	
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 Salara	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	NA N/A	NA NA	NA N/A	
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A	
34a		Exemption	Exemption	Exemption	
35		Unsubordinated	Unsubordinated	Unsubordinated	
36	Non-compliant transitioned features	No N/A	No No	No No	
37	If yes, specify non-compliant features	IN/A	N/A	N/A	

	Disclosure template for main features of regulatory capital instruments				
		Other TLAC instruments issued directly by the bank			
		Included in TLAC not included in regulatory capital			
1	Issuer	Royal of Canada	Royal of Canada	Royal of Canada	
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	US78013X6E35	XS1989375412	HK0000504255	
3	Governing law(s) of the instrument	NEW YORK	ONTARIO	ONTARIO	
3a	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	Contractual	N/A	N/A	
	instruments governed by foreign law)				
	Regulatory treatment	N/A	N/A	N/A	
4	Transitional Basel III rules	N/A	N/A	N/A	
5	Post-transitional Basel III rules	N/A	N/A	N/A	
6	Eligible at solo/group/group&solo	N/A	N/A	N/A	
7	Instrument type	Other TLAC Instruments	Other TLAC Instruments	Other TLAC Instruments	
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	
9	Par value of instrument	USD 500	EUR 500	HKD 520	
10		Liability - amortised cost	Liability - fair value option	Liability - fair value option	
11		April 29, 2019	May 2, 2019	May 21, 2019	
	Perpetual or dated	Dated	Dated	Dated	
13	Original maturity date	April 29, 2022	May 2, 2024	May 21, 2024	
	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	
	Coupons/dividends				
17	Fixed or floating dividend/coupon	Floating	Fixed	Fixed	
18	Coupon rate and any related index	3MTHS USD LIBOR+0.47%	0.250%	2.660%	
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	NA	NA	NA	
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	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	NA	NA N/A	NA N/A	
34	If temporary write-down, description of write-down mechanism	N/A	N/A	N/A	
34a		Exemption	Exemption	Exemption	
35		Unsubordinated	Unsubordinated	Unsubordinated	
36	Non-compliant transitioned features	No N/A	No N/A	No No	
37	If yes, specify non-compliant features	IN/A	N/A	N/A	

Disc	Disclosure template for main features of regulatory capital instruments				
	Other TLAC instruments issued directly by the	he bank			
	Included in TLAC not included in regulatory	capital			
1 Issuer	Royal of Canada	Royal of Canada	Royal of Canada		
2 Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	CA780086QY32	US7813XZ769	US78013XZU52		
3 Governing law(s) of the instrument	ONATRIO	NEW YORK	NEW YORK		
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-elig	ible N/A	Contractual	Contractual		
instruments governed by foreign law)					
Regulatory treatment	N/A	N/A	N/A		
4 Transitional Basel III rules	N/A	N/A	N/A		
5 Post-transitional Basel III rules	N/A	N/A	N/A		
6 Eligible at solo/group/group&solo	N/A	N/A	N/A		
7 Instrument type	Other TLAC Instruments	Other TLAC Instruments	Other TLAC Instruments		
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only		
9 Par value of instrument	CAD 2,000	USD 300	USD 1,250		
10 Accounting classification	Liability - amortised cost	Liability - amortised cost	Liability - amortised cost		
11 Original date of issuance	July 2, 2019	July 8, 2019	July 16, 2019		
12 Perpetual or dated	Dated	Dated	Dated		
13 Original maturity date	July 2, 2024	July 8, 2021	July 16, 2024		
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		
Coupons/dividends					
17 Fixed or floating dividend/coupon	Fixed	Floating	Fixed		
18 Coupon rate and any related index	2.352%	3MTHS USD LIBOR+0.35%	2.55%		
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	NA	NA	NA		
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	NA	NA	NA		
34 If temporary write-down, description of write-down mechanism	N/A	N/A	N/A		
34a Type of subordination	Exemption	Exemption	Exemption		
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated		
36 Non-compliant transitioned features	No	No	No		
37 If yes, specify non-compliant features	N/A	N/A	N/A		

Disclos	sure template for main features of regulatory capital ins	truments	
	Other TLAC instruments issued directly by the bank		
	Included in TLAC not included in regulatory capital		
1 Issuer	Royal of Canada	Royal Bank of Canada	Royal Bank of Canada
2 Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	XS2031862076	78014RAQ3	78014RAR1
3 Governing law(s) of the instrument	ONTARIO	New York	New York
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligib	e N/A	Contractual	Contractual
instruments governed by foreign law)			
Regulatory treatment	N/A		
4 Transitional Basel III rules	N/A	N/A	N/A
5 Post-transitional Basel III rules	N/A	N/A	N/A
6 Eligible at solo/group/group&solo	N/A	N/A	N/A
7 Instrument type	Other TLAC Instruments	Other TLAC Instrucments	Other TLAC Instrucments
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9 Par value of instrument	EUR 1000	USD 16.050	USD 2.2
10 Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option
11 Original date of issuance	July 23, 2019	October 22, 2018	October 29, 2018
12 Perpetual or dated	Dated	Dated	Dated
13 Original maturity date	July 23, 2024	October 22, 2021	October 29, 2020
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
Coupons/dividends			
17 Fixed or floating dividend/coupon	Fixed	Fixed to Floating	Fixed to Floating
		Y1: 3%, Y2-3: 3m USD LIBOR + 0.5%, subject to cap (4%)	
18 Coupon rate and any related index	0.125%	and floor (3%)	(3.75%)
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	NA	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	NA	N/A	N/A
34 If temporary write-down, description of write-down mechanism	N/A	N/A	N/A
34a Type of subordination	Exemption	Exemption	Exemption
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated
36 Non-compliant transitioned features	No	No	No
37 If yes, specify non-compliant features	N/A	N/A	N/A

	Disclosu	re template for main features of regulatory capital instru	ments	
		Other TLAC instruments issued directly by the bank		
		Included in TLAC not included in regulatory capital		
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)	XS1906311763	XS1887254818	78014RAT7
3	Governing law(s) of the instrument	ONTARIO	ONTARIO	New York
3a	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A	Contractual
	instruments governed by foreign law)			
	Regulatory treatment			
4	Transitional Basel III rules	N/A	N/A	N/A
5	Post-transitional Basel III rules	N/A	N/A	N/A
6	Eligible at solo/group/group&solo	N/A	N/A	N/A
7	Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9	Par value of instrument	USD 20	USD 1	USD 1.75
10	Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option
11	Original date of issuance	November 20, 2018	November 20, 2018	November 21, 2018
12	Perpetual or dated	Dated	Dated	Dated
13	Original maturity date	November 20, 2048	November 20, 2020	November 21, 2028
14	Issuer call subject to prior supervisory approval	Yes	No	Yes
15	Optional call date, contingent call dates and redemption amount	November 20, 2023 (127.69%)	N/A	November 21, 2023 (100%)
16	Subsequent call dates, if applicable	November 20, 2028 (163.04%); November 20, 2033	N/A	N/A
		(208.19%), November 20, 2038 (265.84%), November 20, 2043 (339.44%)		
		2043 (339.44%)		
	Coupons/dividends			
17	Fixed or floating dividend/coupon	Fixed	Floating	Fixed
18	Coupon rate and any related index	5.01%	3m USD LIBOR, subject to cap (4%) and floor (3.16%)	4.0%
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
34a	Type of subordination	Exemption	Exemption	Exemption
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated
36	Non-compliant transitioned features	No	No	No
37	If yes, specify non-compliant features	N/A	N/A	N/A

Disclo	sure template for main features of regulatory ca	apital instruments	
	Other TLAC instruments issued directly by t	he bank	
	Included in TLAC not included in regulatory	capital	
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)	XS1887265855	780086QP2	XS1924997551
3 Governing law(s) of the instrument	ONTARIO	ONTARIO	ONTARIO
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligi	ble N/A	N/A	N/A
instruments governed by foreign law)			
Regulatory treatment			
4 Transitional Basel III rules	N/A	N/A	N/A
5 Post-transitional Basel III rules	N/A	N/A	N/A
6 Eligible at solo/group/group&solo	N/A	N/A	N/A
7 Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9 Par value of instrument	USD 1	15	USD 50
10 Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option
11 Original date of issuance	November 26, 2018	December 6, 2018	December 28, 2018
12 Perpetual or dated	Dated	Dated	Dated
13 Original maturity date	November 26, 2021	December 6, 2038	December 28, 2048
14 Issuer call subject to prior supervisory approval	No	Yes	Yes
15 Optional call date, contingent call dates and redemption amount	N/A	December 6, 2023 (123.13%)	December 28, 2023 (127.63%)
16 Subsequent call dates, if applicable	N/A	December 6, 2028 (151.62%); December 6, 2033 (186.70%)	December 28, 2028 (162.89%); December 28, 2033 (207.89%), December 28, 2038 (265.33%), December 28, 2043 (338.64%).
Coupons/dividends			
17 Fixed or floating dividend/coupon	Floating	Fixed	Fixed
18 Coupon rate and any related index	3m USD LIBOR, subject to floor (3.30%)	4.25%	5.00%
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
34a Type of subordination	Exemption	Exemption	Exemption
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated
36 Non-compliant transitioned features	No	No	No
37 If yes, specify non-compliant features	N/A	N/A	N/A

Discl	osure template for main features of regulatory capital instru	ments	
	Other TLAC instruments issued directly by the bank		
	Included in TLAC not included in regulatory capital		
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)	XS1940929463	XS1932558684	XS1932561712
3 Governing law(s) of the instrument	ONTARIO	ONTARIO	ONTARIO
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligi	ble N/A	N/A	N/A
instruments governed by foreign law)			
Regulatory treatment			
4 Transitional Basel III rules	N/A	N/A	N/A
5 Post-transitional Basel III rules	N/A	N/A	N/A
6 Eligible at solo/group/group&solo	N/A	N/A	N/A
7 Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9 Par value of instrument	USD 50	USD .442	JPY 300
10 Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option
11 Original date of issuance	February 1, 2019	February 13, 2019	February 14, 2019
12 Perpetual or dated	Dated	Dated	Dated
13 Original maturity date	February 1, 2049	February 13, 2029	February 14, 2029
14 Issuer call subject to prior supervisory approval	Yes	Yes	Yes
15 Optional call date, contingent call dates and redemption amount	February 1, 2024 (127.93%)	February 13, 2024 (100%)	February 14, 2024 (100%)
16 Subsequent call dates, if applicable	February 1, 2025 (134.39%), February 1, 2026 (141.18%),	N/A	N/A
	February 1, 2027 (148.31%), February 1, 2028 (155.80%),		
	February 2029 (163.67%), February 1, 2030 (171.93%),		
	February 1, 2031 (180.61%), February 1, 2032 (189.74%),		
	February 1, 2033 (199.32%), February 1, 2034 (209.39%),		
	February 1, 2035 (219.96%), February 1, 2036 (231.06%),		
	February 1, 2037 (242.73%), February 1, 2038 (254.99%),		
	February 1, 2039 (267.87%), February 1, 2040 (281.40%),		
	February 1, 2041 (295.61%), February 1, 2042 (310.53%),		
	February 1, 2043 (326.22%) February 1, 2044 (342.69%),		
	February 1, 2045 (360%), February 1, 2046 (378.18%),		
	February 1, 2047 (397.27%), February 1, 2048 (417.34%)		
Coupons/dividends			
17 Fixed or floating dividend/coupon	Fixed	Floating	Fixed
	5.05%	3m USD LIBOR, subject to floor (2.80%)	0.52%
18 Coupon rate and any related index 19 Existence of a dividend stopper	No	No	No
20 Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory	Mandatory
	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
		- :	E
34a Type of subordination	Exemption	Exemption	Exemption
34a Type of subordination	Exemption Unsubordinated	Exemption Unsubordinated	Unsubordinated
34a Type of subordination			
34a Type of subordination 35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated

Disclosure template for main features of regulatory capital instruments				
Disclosu	Other TLAC instruments issued directly by the bank	ments		
	Included in TLAC not included in regulatory capital			
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)	XS1912722003	XS1939253081	XS1949532755	
3 Governing law(s) of the instrument	ONTARIO	ONTARIO	ONTARIO	
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible	N/A	N/A	N/A	
instruments governed by foreign law)				
Regulatory treatment				
4 Transitional Basel III rules	N/A	N/A	N/A	
5 Post-transitional Basel III rules	N/A	N/A	N/A	
6 Eligible at solo/group/group&solo	N/A	N/A	N/A	
7 Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments	
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	
9 Par value of instrument	USD 8.475	USD 120	GBP 1	
10 Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option	
11 Original date of issuance	February 15, 2019	February 19, 2019	February 28, 2019	
12 Perpetual or dated	Dated	Dated	Dated	
13 Original maturity date	February 16, 2021	February 19, 2049	February 28, 2024	
14 Issuer call subject to prior supervisory approval	No	Yes	No	
15 Optional call date, contingent call dates and redemption amount	N/A	February 14, 2024 (127.69%)	N/A	
		February 19, 2027 (147.86%), February 19, 2028 (155.27%), February 19, 2029 (163.04%), February 19, 2030 (171.21%), February 19, 2031 (179.79%), February 19, 2031 (179.79%), February 19, 2032 (188.80%), February 19, 2033 (198.26%), February 19, 2034 (208.19%), February 19, 2035 (218.62%), February 19, 2036 (229.57%), February 19, 2037 (241.07%), February 19, 2038 (253.15%), February 19, 2039 (265.84%), February 19, 2040 (279.15%), February 19, 2041 (293.14%), February 19, 2042 (307.83%), February 19, 2043 (323.25%), February 19, 2044 (339.44%) February 19, 2045 (356.45%), February 19, 2046 (374.31%), February 19, 2047 (393.06%), February 19, 2048 (412.75%)		
Coupons/dividends				
17 Fixed or floating dividend/coupon	Float	Fixed	Floating	
18 Coupon rate and any related index	3m USD LIBOR, subject to floor (3.00%)	5.01%	3m GBP LIBOR, subject to floor (1.64%)	
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	
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	
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	
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	N/A	
34a Type of subordination	Exemption	Exemption	Exemption	
Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated	
36 Non-compliant transitioned features	No No	No No	No No	
37 If yes, specify non-compliant features	N/A	N/A	N/A	

Disclo	sure template for main features of regulatory capital instru	uments	
	Other TLAC instruments issued directly by the bank		
	Included in TLAC not included in regulatory capital		
1 Issuer	Royal Bank of Canada	Royal Bank of Canada	Royal Bank of Canada
Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780086QT4	XS1949502253	780086QU1
3 Governing law(s) of the instrument	ONTARIO	ONTARIO	ONTARIO
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligit		N/A	N/A
instruments governed by foreign law)			1,47,
Regulatory treatment			
4 Transitional Basel III rules	N/A	N/A	N/A
5 Post-transitional Basel III rules	N/A	N/A	N/A
6 Eligible at solo/group/group&solo	N/A	N/A	N/A
7 Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9 Par value of instrument	10	USD 3	5
10 Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option
11 Original date of issuance	March 20, 2019	March 25, 2019	March 26, 2019
12 Perpetual or dated	Dated	Dated	Dated
13 Original maturity date	March 20, 2030	March 26, 2029	March 26, 2030
14 Issuer call subject to prior supervisory approval	Yes	Yes	Yes
Optional call date, contingent call dates and redemption amount	March 21, 2022 (100%)	March 26, 2024 (100%)	March 26, 2022 (110.1%)
16 Subsequent call dates, if applicable	March 21, 2023 (100%), March 21, 2024 (100%), March 21, 2025 (100%), March 21, 2026 (100%), March 21, 2027	N/A	March 26, 2023 (113.69%), March 26, 2024 (117.40%), March 26, 2025 (121.23%), March 26, 2026 (125.18%),
	(100%), March 21, 2028 (100%), March 21, 2029 (100%)		March 26, 2027 (129.26%), March 26, 2028 (133.47%), March 26, 2029 (137.82%)
Coupons/dividends			
17 Fixed or floating dividend/coupon	Fixed	Fixed	Fixed
18 Coupon rate and any related index	Y1-3: 2.95% Y4: 3.15% Y5: 3.3% Y6: 3.5% Y7: 3.75% Y8: 4% Y9: 4.25% Y10: 4.5% Y11: 4.75%	3.50%	3.26%
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
34a Type of subordination	Exemption	Exemption	Exemption
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated
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				
		Other TLAC instruments issued directly by the bank			
		Included in TLAC not included in regulatory capital			
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)	780086QV9	CAMM0023AUI2	78014RAM2	
3	Governing law(s) of the instrument	ONTARIO	ONTARIO	New York	
	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-eligible		N/A	Contractual	
	instruments governed by foreign law)	1.77.	1.47.	o madaa	
	Regulatory treatment				
4	Transitional Basel III rules	N/A	N/A	N/A	
5	Post-transitional Basel III rules	N/A	N/A	N/A	
6	Eligible at solo/group/group&solo	N/A	N/A	N/A	
7	Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments	
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	
9	Par value of instrument	10	EUR 5	USD 3	
10	Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option	
11	Original date of issuance	April 16, 2019	April 18, 2019	May 15, 2019	
12	Perpetual or dated	Dated	Dated	Dated	
13	Original maturity date	April 16, 2030	April 18, 2039	November 15, 2022	
14	Issuer call subject to prior supervisory approval	Yes	Yes	Yes	
15	Optional call date, contingent call dates and redemption amount	April 18, 2022 (100%)	April 18, 2029 (100%)	May 15, 2020 (100%)	
16	Subsequent call dates, if applicable	April 17, 2023 (100%), April 16, 2024 (100%), April 16, 2025 (100%), April 16, 2026 (100%), April 16, 2027 (100%), April 16, 2028 (100%), April 16, 2029 (100%)	N/A	August 15, 2020 (100%), November 15, 2020 (100%), February 15, 2021 (100%), May 15, 2021 (100%), May 15, 2021 (100%), August 15, 2021 (100%), November 15, 2021 (100%), February 15, 2022 (100%), May 15, 2022 (100%), August 15, 2022 (100%)	
	Coupons/dividends				
17	Fixed or floating dividend/coupon	Fixed	Fixed	Fixed	
18	Coupon rate and any related index	Y1-3: 2.9% Y4: 2.95% Y5: 3.05% Y6: 3.1% Y7: 3.25% Y8: 3.4% Y9: 3.6% Y10: 3.8% Y11: 4.05%	1.56%	Q1-6: 2.585%, Q7-12: 2.835%, Q13-14: 3.085%	
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	
34a	Type of subordination	Exemption	Exemption	Exemption	
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated	
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				
Disclose	Other TLAC instruments issued directly by the bank	inents		
	Included in TLAC not included in regulatory capital			
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)	78014RAY6	XS1991338531	78014RAX8	
3 Governing law(s) of the instrument	New York	ONTARIO	New York	
3a Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC-	Contractual	N/A	Contractual	
eligible instruments governed by foreign law)				
Regulatory treatment				
4 Transitional Basel III rules	N/A	N/A	N/A	
5 Post-transitional Basel III rules	N/A	N/A	N/A	
6 Eligible at solo/group/group&solo	N/A	N/A	N/A	
7 Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments	Other TLAC Instrucments	
8 Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only	
9 Par value of instrument	USD 15	USD 20	USD 13.75	
10 Accounting classification	Liability - fair value option	Liability - fair value option	Liability - fair value option	
11 Original date of issuance	July 5, 2019	July 9, 2019	July 15, 2019	
12 Perpetual or dated	Dated	Dated	Dated Living 2004	
13 Original maturity date	July 5, 2030	July 9, 2049	July 15, 2031	
14 Issuer call subject to prior supervisory approval	Yes	Yes	Yes	
15 Optional call date, contingent call dates and redemption amount 16 Subsequent call dates, if applicable	July 5, 2022 (100%) July 5, 2023 (100%), July 5, 2024 (100%), July 5, 2025	July 09, 2020 (104.1%) July 09,2021(108.3681%), July 09,2022(112.811192%),	July 15, 2021 (100%) January 15,2022(100%), July 15,2022(100%), January	
	(100%), July 5, 2026 (100%), July 5, 2027 (100%), July 5, 2028 (100%), July 5, 2029 (100%)	July 09,2023(117.436451%), July 09,2024(122.251345%), July 09,2025(127.263651%) July 09,2026(132.48146%), July 09,2027(137.9132%), July 09,2028(143.567641%), July 09,2029(149.453915%), July 09,2031(161.960368%), July 09,2032(168.600743%), July 09,2033(175.513373%), July 09,2034(182.709422%), July 09,2035(190.200508%), July 09,2036(197.998729%), July 09,2037(206.116677%), July 09,2038(214.56746%), July 09,2039(223.364726%), July 09,2040(232.52268%), July 09,2041(242.05611%), July 09,2042(251.98041%), July 09,2043(262.311607%), July 09,2044(273.066383%), July 09,2045(284.262105%), July 09,2046(295.916851%), July 09,2047(308.049442%), July 09,2048(320.679469%), July 09,2049(333.827327%)	15,2023(100%), July 15,2023(100%), January 15,2024(100%), July 15,2025(100%), January 15,2025(100%), July 15,2025(100%), January 15,2026 (100%), July 15,2026(100%), January 15,2027(100%), July 15,2028(100%), January 15,2028(100%), July 15,2029(100%), January 15, 2029(100%), July 15,2029(100%), January 15, 2030(100%), July 15,2030(100%), January 15, 2031(100%)	
Coupons/dividends				
17 Fixed or floating dividend/coupon	Fixed	Fixed	Fixed	
18 Coupon rate and any related index	3.07%	4.10%	Y1-6: 3% Y7-9: 3.25% Y10-11: 4.5% Y12: 5%	
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	
34a Type of subordination	Exemption	Exemption	Exemption	
35 Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated	Unsubordinated	
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			
	Other TLAC instruments issued directly by the bank		
Included in TLAC not included in regulatory capital			
1	Issuer	Royal Bank of Canada	Royal Bank of Canada
2	Unique identifier (eg CUSIP, ISIN, or Bloomberg identifier for private placement)	780086RB2	XS1964502386
3	Governing law(s) of the instrument	ONTARIO	ONTARIO
3a	Means by which enforceability requirement of Section 13 of the TLAC Term Sheet is achieved (for other TLAC- eligible instruments governed by foreign law)	N/A	N/A
	Regulatory treatment		
4	Transitional Basel III rules	N/A	N/A
5	Post-transitional Basel III rules	N/A	N/A
6	Eligible at solo/group/group&solo	N/A	N/A
7	Instrument type (types to be specified by jurisdiction)	Other TLAC Instrucments	Other TLAC Instrucments
8	Amount recognised in regulatory capital (Currency in millions, as of most recent reporting date)	N/A - Amount eligible for TLAC only	N/A - Amount eligible for TLAC only
9	Par value of instrument	2.07	AUD 50
10	Accounting classification	Liability - fair value option	Liability - fair value option
11	Original date of issuance	July 30, 2019	July 24, 2019
12	Perpetual or dated	Dated	Dated
13	Original maturity date	July 30, 2029	July 24, 2034
16	Subsequent call dates, if applicable	July 30,2022(102.51%), July 30,2023(102.55%), July 30,2024(102.60%), July 30,2025(102.67%), July 30,2026(102.75%), July 30,2027(102.83%), July 30,2028(102.93%)	July 24,2022(100%), July 24,2023(100%), July 24,2024(100%), July 24,2025(100%), July 24,2026(100%), July 24,2026(100%), July 24,2028(100%), July 24,2029(100%), July 24,2030(100%), July 24,2031(100%), July 24,2032(100%), July 24,2032(100%), July 24,2033(100%)
	Coupons/dividends		
17	Fixed or floating dividend/coupon	Fixed	Fixed
18	Coupon rate and any related index	Y1-3: 2.50% Y4: 2.65% Y5: 2.80% Y6: 3.0% Y7: 3.25% Y8: 3.50% Y9: 3.75% Y10: 4.5%	3.16%
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionary or mandatory	Mandatory	Mandatory
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	Non-convertible	Non-convertible
24	If convertible, conversion trigger (s)	N/A	N/A
25	If convertible, fully or partially	N/A	N/A
26	If convertible, conversion rate	N/A	N/A
27	If convertible, mandatory or optional conversion	N/A	N/A
28	If convertible, specify instrument type convertible into	N/A	N/A
29	If convertible, specify issuer of instrument it converts into	N/A	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
34a	Type of subordination	Exemption	Exemption
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Unsubordinated	Unsubordinated
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	N/A	N/A