

TICS REPORT - ROYAL BANK OF CANADA: DATA AS AT 01 JULY 2022											
Royal Bank of Canada is a leading Canadian bank. It operates across six core business areas: personal and commercial banking, corporate and investment banking, wealth management and insurance. Total assets exceed \$1.3 trillion. Total Tier 1 assets exceed \$65 billion. Market capitalisation is in excess of \$135 billion. Royal Bank of Canada has more than 85,000 employees.											
	TICS CODE	TICS FACTOR	ANGLE	STATUS	RBC DATA	BEST	WORST	AVERAGE	TICS FACTOR RANK (OUT OF 40)	TICS CATEGORY RANK (OUT OF 40)	
TICS CATEGORY	CREDIT RATINGS	CR:F1	STANDARD & POOR'S L/T RATING	FORWARD	VIEW	AA-	AA- STABLE	BBB- STABLE	A- POSITIVE	1	3
		CR:F2	STANDARD & POOR'S OUTLOOK	FORWARD	VIEW	STABLE					
		CR:F3	MOODY'S L/T RATING	FORWARD	VIEW	A1	Aa3 STABLE	Baa3 STABLE	A2 POSITIVE	6	
		CR:F4	MOODY'S OUTLOOK	FORWARD	VIEW	STABLE					
		CR:F5	FITCH L/T RATING	FORWARD	VIEW	AA-	AA- STABLE	BBB STABLE	A POSITIVE	1	
		CR:F6	FITCH OUTLOOK	FORWARD	VIEW	STABLE					
	CDS	CDS:F1	5 YEAR CDS	PREVAILING	INDICATOR	70.04	25.71	208.64	86.40	13	9
		CDS:F2	1 YEAR CDS	PREVAILING	INDICATOR	23.58	5.12	125.48	40.68	11	
		CDS:F3	5 YEAR CDS DIRECTION	BACKWARD	INDICATOR	38.78%	-3.08%	207.82%	112.43%	9	
		CDS:F4	5 YEAR CDS VOLATILITY	BACKWARD	INDICATOR	13.85%	0.00%	87.56%	35.62%	8	
	BALANCE SHEET	FBS:F1	TIER 1 CAP RATIO	HISTORIC	FACT	16.70%	24.70%	12.60%	18.56%	28	37
		FBS:F2	LEVERAGE RATIO (ASSET/EQTY)	HISTORIC	FACT	18.55	3.90	30.40	16.33	28	
		FBS:F3	LOAN-TO-DEPOSIT RATIO	HISTORIC	FACT	73.4	12.80	153.40	78.55	15	
		FBS:F4	PRICE-TO-BOOK RATIO (Bps)	HISTORIC	FACT	1.68	0.25	1.98	0.71	36	
		FBS:F5	TIER 1 CAPITAL SIZE (\$Bln)	HISTORIC	FACT	66.33	508.85	2.94	115.67	20	
		FBS:F6	TOTAL ASSETS (\$Bln)	HISTORIC	FACT	1,376.07	5,521.41	36.30	1,816.64	22	
	MARKET INDICATORS	FMI:F1	MARKET CAPITALISATION (\$Bln)	PREVAILING	INDICATOR	136.65	330.74	5.39	76.49	8	7
		FMI:F2	SHARE PRICE VOLATILITY (260d)	BACKWARD	INDICATOR	13.56	8.86	46.80	29.22	12	
		FMI:F3	SHARE PRICE BETA	BACKWARD	INDICATOR	0.78	0.26	2.07	1.27	5	
		FMI:F4	SHARE PRICE DIRECTION	BACKWARD	INDICATOR	83.32%	97.90%	54.52%	76.00%	15	
		FMI:F5	ANALYST'S RECOMMENDATIONS	FORWARD	VIEW	BUY	BUY	SELL	BUY	N/A	
	SYSTEMIC IMPORTANCE	SI:F1	G-SIB STATUS	PREVAILING	FACT	Y	Y	N	Y	N/A	15
		SI:F2	G-SIB ADD. TIER1 CAP RATIO REQ	PREVAILING	FACT	1.00%	2.50%	1.00%	1.00%	13	
		SI:F3	TOTAL DEPOSITS (\$Bln)	HISTORIC	FACT	792.73	4,551.90	40.20	1,169.29	18	
		SI:F4	SOVEREIGN S&P RATING	HISTORIC	FACT	AAA	AAA STABLE	BBB STABLE	AA STABLE	1	
		SI:F5	SOVEREIGN S&P OUTLOOK	FORWARD	VIEW	STABLE					
		SI:F6	NO. OF EMPLOYEES	PREVAILING	FACT	85,301	455,174	2,090	122,965	18	
TICS AMALGAMATED SCORECARD RANK - ROYAL BANK OF CANADA:										5	

Source: Tempo Structured Products | Thomson Reuters | FT Banker Database | Issuers, 01 JULY 2022.

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TICS SIDE-BY-SIDE VIEW: DATA AS AT 01 JULY 2022																							
	TICS CODE	TICS FACTOR	ANGLE	STATUS	BARC	BNP	BoA	CITI	CA	CS	GS	HSBC	INV	JPM	MSIP	MS	NATX	RBC	SANT	SG	UBS		
TICS CATEGORY	CREDIT RATINGS	CR:F1	STANDARD & POOR'S L/T RATING	FORWARD	VIEW	BBB	A+	A-	BBB+	A+	BBB	BBB+	A+	NULL	A-	A+	A-	A	AA-	A+	A	A-	
		CR:F2	STANDARD & POOR'S OUTLOOK	FORWARD	VIEW	POSITIVE	STABLE	POSITIVE	STABLE	STABLE	STABLE	STABLE	STABLE	NULL	POSITIVE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	
		CR:F3	MOODY'S L/T RATING	FORWARD	VIEW	Baa2	Aa3	A2	A3	Aa3	Baa1	A2	A1	A1	A2	A1	A1	A1	A1	A1	A2	A1	Aa3
		CR:F4	MOODY'S OUTLOOK	FORWARD	VIEW	POSITIVE	STABLE	POSITIVE	STABLE	STABLE	NEGATIVE	STABLE	STABLE	STABLE	POSITIVE	POSITIVE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	
		CR:F5	FITCH L/T RATING	FORWARD	VIEW	A	A+	AA-	A	A+	BBB+	A	AA-	BBB+	AA-	NULL	A	A+	AA-	A-	A-	A+	
		CR:F6	FITCH OUTLOOK	FORWARD	VIEW	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	NEGATIVE	STABLE	STABLE	NULL	POSITIVE	NEGATIVE	STABLE	STABLE	STABLE	STABLE	
	CDS	CDS:F1	5 YEAR CDS	PREVAILING	INDICATOR	114.23	67.71	109.88	127.66	63.4	193.9	134.53	64.7	N/A	104.94	N/A	123.71	45	70.04	70.4	79.34	74.31	
		CDS:F2	1 YEAR CDS	PREVAILING	INDICATOR	69.79	34.42	60.46	67.12	29.1	129.9	66.12	34.51	N/A	57.84	N/A	69.43	19.5	23.58	35.38	37.92	33.26	
		CDS:F3	5 YEAR CDS DIRECTION	BACKWARD	INDICATOR	200.21%	154.55%	165.28%	175.07%	165.27%	283.13%	161.78%	130.66%	N/A	153.42%	N/A	155.65%	-3.08%	38.78%	187.58%	191.37%	190.39%	
		CDS:F4	5 YEAR CDS VOLATILITY	BACKWARD	INDICATOR	34.34%	44.74%	45.50%	43.42%	49.45%	38.44%	41.43%	37.94%	N/A	44.48%	N/A	40.25%	0.00%	13.85%	58.99%	53.71%	40.69%	
	BALANCE SHEET	FBS:F1	TIER 1 CAP RATIO	HISTORIC	FACT	22.30%	16.40%	14.10%	16.70%	21.40%	20.50%	17.90%	21.20%	18.20%	16.80%	12.60%	19.70%	18.70%	16.70%	16.80%	18.90%	20.50%	
		FBS:F2	LEVERAGE RATIO (ASSET/EQTY)	HISTORIC	FACT	20.00	22.35	12.39	12.52	30.40	17.20	14.75	16.82	11.70	14.44	7.45	12.26	25.76	18.55	18.36	22.51	18.42	
		FBS:F3	LOAN-TO-DEPOSIT RATIO	HISTORIC	FACT	78	85.9	50.3	53.2	106.8	71.2	67.9	62.9	78.8	46.2	N/A	77.6	124.3	73.4	107.6	96.2	74.6	
		FBS:F4	PRICE-TO-BOOK RATIO (Bps)	HISTORIC	FACT	0.37	0.47	0.94	0.45	0.39	0.31	0.89	0.67	0.78	1.16	N/A	1.30	NULL	1.68	0.51	0.26	0.92	
		FBS:F5	TIER 1 CAPITAL SIZE (\$Bln)	HISTORIC	FACT	81.50	113.93	196.47	169.57	122.21	59.75	106.77	156.29	2.94	246.16	19.60	83.35	79.28	66.33	93.70	65.80	60.49	
		FBS:F6	TOTAL ASSETS (\$Bln)	HISTORIC	FACT	1,870.66	2,993.69	3,169.50	2,291.41	2,640.41	830.59	1,463.99	2,957.94	36.30	3,743.57	597.79	1,188.14	1,722.75	1,376.07	1,813.45	1,664.15	1,117.18	
	MARKET INDICATORS	FMI:F1	MARKET CAPITALISATION (\$Bln)	PREVAILING	INDICATOR	30.45	58.20	250.81	89.31	27.46	14.99	102.01	129.25	5.39	330.74	N/A	133.05	13.19	136.65	47.72	18.18	59.46	
		FMI:F2	SHARE PRICE VOLATILITY (260d)	BACKWARD	INDICATOR	33.21	34.84	29.17	27.80	32.60	35.25	27.98	28.05	33.38	26.35	N/A	30.15	37.12	13.56	35.20	42.64	31.33	
		FMI:F3	SHARE PRICE BETA	BACKWARD	INDICATOR	1.67	1.91	1.42	1.61	1.91	1.59	1.38	0.87	1.89	1.14	N/A	1.41	1.22	0.78	1.65	1.94	1.25	
		FMI:F4	SHARE PRICE DIRECTION	BACKWARD	INDICATOR	69.42%	66.06%	61.62%	61.19%	60.77%	53.07%	68.78%	94.32%	85.41%	64.60%	N/A	68.54%	N/A	83.32%	76.25%	54.65%	76.63%	
		FMI:F5	ANALYST'S RECOMMENDATIONS	FORWARD	VIEW	BUY	BUY	BUY	BUY	HOLD	HOLD	BUY	BUY	BUY	BUY	BUY	N/A	BUY	NULL	BUY	BUY	BUY	BUY
	SYSTEMIC IMPORTANCE	SI:F1	G-SIB STATUS	PREVAILING	FACT	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y	
		SI:F2	G-SIB ADD. TIER1 CAP RATIO REQ	PREVAILING	FACT	1.50%	2.00%	1.50%	2.00%	1.00%	1.00%	1.50%	2.00%	N/A	2.50%	N/A	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	
		SI:F3	TOTAL DEPOSITS (\$Bln)	HISTORIC	FACT	741.46	1,129.30	2,064.45	1,325.69	1,232.30	452.51	364.06	1,811.73	42.27	2,462.30	N/A	347.58	806.45	792.73	1,051.79	643.51	555.11	
		SI:F4	SOVEREIGN S&P RATING	HISTORIC	FACT	AA	AA	AA+	AA+	AA	AAA	AA+	AA	AA	AA+	AA	AA+	AA	AAA	A	AA	AAA	
		SI:F5	SOVEREIGN S&P OUTLOOK	FORWARD	VIEW	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	STABLE	
		SI:F6	NO. OF EMPLOYEES	PREVAILING	FACT	88,565	193,319	207,294	234,194	73,817	50,110	43,900	219,697	8,200	264,986	2,090	74,814	99,900	85,301	197,070	131,293	71,385	

Source: Tempo Structured Products | Thomson Reuters | FT Banker Database | Issuers, 01 JULY 2022.

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