'TICS': THE TEMPO ISSUER AND COUNTERPARTY SCORECARDS

TICS REPORT - HSBC: DATA AS AT 01 JUNE 2022

HSBC is a leading UK bank. It operates across four core business areas: retail banking and wealth management, commercial banking and markets, and global banking. Total assets exceed \$2.9 trillion, Total Tier 1 assets exceed \$160 billion, Market capitalisation is in excess of \$130 billion, HSBC has more than 225,000 employees and more than 37 million customers.

TICS CODE		TICS FACTOR	ANGLE	STATUS	HSBC DATA	BEST	worst	AVERAGE	TICS FACTOR RANK (OUT OF 40)	TICS CATEGORY RANK (OUT OF 40)	
	CR:F1	STANDARD & POOR'S L/T RATING	FORWARD	VIEW	A+						
	CR:F2	STANDARD & POOR'S OUTLOOK	FORWARD	VIEW	STABLE	AA- STABLE	BBB- STABLE	A- POSITIVE	4		
E SE	CR:F3	MOODY'S L/T RATING	FORWARD	VIEW	A1					-	
CREDIT	CR:F4	MOODY'S OUTLOOK	FORWARD	VIEW	STABLE	- Aa3 STABLE	Baa3 STABLE	A2 POSITIVE	6	2	
0 5	CR:F5	FITCH L/T RATING	FORWARD	VIEW	AA-					-	
	CR:F6	FITCH OUTLOOK	FORWARD	VIEW	NEGATIVE	AA- STABLE	BBB STABLE	A POSITIVE	8		
			1		-						
	CDS:F1	5 YEAR CDS	PREVAILING	INDICATOR	47.63	25.71	153.00	70.29	10		
တ္တ	CDS:F2	1 YEAR CDS	PREVAILING	INDICATOR	21.29	5.12	76.76	28.50	14 14	1 .	
8	CDS:F3	5 YEAR CDS DIRECTION	BACKWARD	INDICATOR	69.80%	-3.08%	142.48%	71.98%		6	
	CDS:F4	5 YEAR CDS VOLATILITY	BACKWARD	INDICATOR	36.35%	0.00%	87.86%	34.95%	15		
~	•		•		•		•	•	•	•	
Ö	FBS:F1	TIER 1 CAP RATIO	HISTORIC	FACT	21.50%	25.70%	12.60%	18.47%	5		
CD III	FBS:F2	LEVERAGE RATIO (ASSET/EQTY)	HISTORIC	FACT	16.82	3.90	30.40	16.41	21		
TANC HE	FBS:F3	LOAN-TO-DEPOSIT RATIO	HISTORIC	FACT	65.7	11.60	169.80	78.64	9	36	
A A A	FBS:F4	PRICE-TO-BOOK RATIO (Bps)	HISTORIC	FACT	0.69	0.31	2.10	0.77	23	36	
්	FBS:F5	TIER 1 CAPITAL SIZE (\$Bin)	HISTORIC	FACT	160.17	439.94	2.90	112.80	8		
ω —	FBS:F6	TOTAL ASSETS (\$Bin)	HISTORIC	FACT	2,984.16	5,106.44	33.42	1,787.16			
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	FMI:F1	MARKET CAPITALISATION (\$BIn)	PREVAILING	INDICATOR	134.42	388.37	6.14	85.28	11		
F S	FMI:F2	SHARE PRICE VOLATILITY (260d)	BACKWARD	INDICATOR	26.77	10.56	45.20	28.22	12		
A K	FMI:F3	SHARE PRICE BETA	BACKWARD	INDICATOR	0.89	0.28	2.08	1.27	9	8	
	FMI:F4	SHARE PRICE DIRECTION	BACKWARD	INDICATOR	94.01%	100.16%	65.64%	81.53%	5		
	FMI:F5	ANALYST'S RECOMMENDATIONS	FORWARD	VIEW	HOLD	BUY	SELL	BUY	N/A		
	SI:F1	G-SIB STATUS	PREVAILING	FACT	Y	Y	N	Y	N/A		
	SI:F2	G-SIB ADD. TIER1 CAP RATIO REQ	PREVAILING	FACT	2.00%	2.50%	1.00%	1.00%	2		
TEM	SI:F3	TOTAL DEPOSITS (\$Bin)	HISTORIC	FACT	1,724.86	4,162.43	41.29	1,118.61	8	14	
YS1	SI:F4	SOVEREIGN S&P RATING	HISTORIC	FACT	AA	AAA STABLE	BBB STABLE	AA STABLE	17		
ν <u>ξ</u>	SI:F5	SOVEREIGN S&P OUTLOOK	FORWARD	VIEW	STABLE						
	SI:F6	NO. OF EMPLOYEES	PREVAILING	FACT	226,059	459,000	2,090	124,086	7		

TICS AMALGAMATED SCORECARD RANK - HSBC:

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

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There are risks associated with an investment in any structured products are not suitable for everyone. In addition to understand their risks and limitations: structured products present counterparty risk - the potential returns of a structured product and the repayment of money invested in a structured product usually depend on the financial stability of the issuer and counterparty; the level of return generated by direct investment in the stock market or via active or passive funds; the terms of structured products can predefine what can be expected at maturity and at certain other dates, such as potential *kick-out* and early maturity dates - but these terms do not apply during the investment term; the value of investment term may be affected by various factors - while accessing an investment is usually possible, during normal market conditions, the value of investments and the income from them can go down as well as up; capital is at risk and investors could lose some or all of their capital. The *important risks* of structured products www.tempo-sp.com/home/important-risks of structured products are not suitable for everyone. In addition; the level of return a structured products and terms of structured products can predefine what can be expected at maturity and at certain other dates, such as potential *kick-out* and early maturity dates - but these terms of structured products can predefine what can be expected at maturity and at certain other dates, such as potential *kick-out* and early maturity dates - but the structured products can predefine what can be expected at maturity and at certain other dates, such as potential *kick-out* and early experiments of structured products can predefine what can be expected at maturity and at certain other dates, such as potential *kick-out* and early experiments of structured products can predefine what can be expected at maturity and at certain other dates, such as potential

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'TICS': THE TEMPO ISSUER AND COUNTERPARTY SCORECARDS

TICS	SIDE-B	Y-SIDE VIEW: DATA	AS AT 01	JUNE 2	022																
TICS CODE		TICS FACTOR	ANGLE	STATUS	BARC	BNP	BoA	СІТІ	CA	cs	GS	HSBC	INV	JPM	MSIP	MS	NATX	RBC	SANT	SG	UBS
		•	'	'					'												
CREDIT	CR:F1	STANDARD & POOR'S L/T RATING	FORWARD	VIEW	BBB	A+	A-	BBB+	A+	BBB	BBB+	A+	NULL	A-	A+	A-	А	AA-	A+	А	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	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	Α	A+	AA-	Α	A+	BBB+	Α	AA-	BBB+	AA-	NULL	Α	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:F1	5 YEAR CDS	PREVAILING	INDICATOR	73.03	49.17	85.08	100	47.79	122.72	104.96	47.63	N/A	82.09	N/A	100	45	68.24	48.96	59.51	51.86
CDS	CDS:F2	1 YEAR CDS	PREVAILING	INDICATOR	34	20.42	46.7	50.47	18.51	57.1	51.41	21.29	N/A	45.15	N/A	51.02	19.5	23.06	19.56	23.22	18.36
ō	CDS:F3	5 YEAR CDS DIRECTION	BACKWARD	INDICATOR	91.93%	84.85%	105.41%	115.47%	99.96%	142.48%	104.24%	69.80%	N/A	98.24%	N/A	106.65%	-3.08%	35.21%	100.00%	118.55%	102.66%
	CDS:F4	5 YEAR CDS VOLATILITY	BACKWARD	INDICATOR	31.97%	43.03%	43.54%	41.12%	48.63%	35.65%	38.42%	36.35%	N/A	42.43%	N/A	37.93%	0.00%	13.56%	56.49%	52.94%	38.04%
	FBS:F1	TIER 1 CAP RATIO	HISTORIC	FACT	22.10%	16.40%	16.10%	16.80%	21.10%	19.00%	19.50%	21.50%	16.40%	17.30%	12.60%	21.40%	18.00%	15.50%	16.20%	19.20%	21.20%
	FBS:F2	LEVERAGE RATIO (ASSET/EQTY)	HISTORIC	FACT	20.00	22.35	12.39	12.52	30.40	17.20	14.75	16.82	11.27	14.44	7.45	12.26	25.76	18.55	18.36	22.51	18.42
ANC L	FBS:F3	LOAN-TO-DEPOSIT RATIO	HISTORIC	FACT	89.1	86.6	54.2	54.2	103.7	72.1	71.7	65.7	78.8	49.5	N/A	75.7	125.2	68.6	108	94.8	73.9
BALANCE	FBS:F4	PRICE-TO-BOOK RATIO (Bps)	HISTORIC	FACT	0.41	0.55	1.12	0.52	0.46	0.39	0.97	0.69	0.90	1.36	N/A	1.47	NULL	1.78	0.57	0.31	1.07
5	FBS:F5	TIER 1 CAPITAL SIZE (\$Bin)	HISTORIC	FACT	77.38	121.98	200.10	167.43	126.82	58.17	92.73	160.17	2.90	234.84	19.60	88.08	85.16	55.64	96.91	69.36	56.18
? <u> </u>	FBS:F6	TOTAL ASSETS (\$BIn)	HISTORIC	FACT	1,799.35	3,072.21	2,819.63	2,260.33	2,737.67	915.71	1,163.04	2,984.16	33.42	3,386.07	597.79	1,115.86	1,785.52	1,221.46	1,862.04	1,804.88	1,125.77
5		T	T		<u> </u>					I	ı	ı	1								
ς,	FMI:F1	MARKET CAPITALISATION (\$Bln)	PREVAILING	INDICATOR	35.63	70.37	299.72	103.72	33.50	19.11	112.26	134.42	6.14	388.37	N/A	150.68	13.51	148.10	55.27	22.47	71.42
MARKET	FMI:F2	SHARE PRICE VOLATILITY (260d)	BACKWARD	INDICATOR	32.22	33.86	28.61	26.75	31.33	32.67	26.82	26.77	33.32	25.54	N/A	29.34	37.12	13.23	33.89	41.08	29.51
IAR	FMI:F3	SHARE PRICE BETA	BACKWARD	INDICATOR	1.67	1.90	1.39	1.61	1.88	1.52	1.40	0.89	1.91	1.11	N/A	1.40	1.22	0.78	1.65	1.92	1.19
	FMI:F4	SHARE PRICE DIRECTION	BACKWARD	INDICATOR	77.15%	78.43%	73.90%	66.42%	71.55%	65.89%	76.21%	94.01%	97.24%	76.03%	N/A	78.18%	N/A	88.75%	86.04%	67.21%	90.90%
	FMI:F5	ANALYST'S RECOMMENDATIONS	FORWARD	VIEW	BUY	BUY	BUY	BUY	HOLD	HOLD	BUY	HOLD	BUY	BUY	N/A	BUY	NULL	BUY	BUY	BUY	BUY
							<u> </u>		1				I								
	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%
TEN RTA	SI:F3	TOTAL DEPOSITS (\$BIn)	HISTORIC	FACT	641.38	1,207.54	1,795.48	1,280.73	1,270.83	462.89	259.73	1,724.86	43.88	2,144.26	N/A	310.78	829.27	730.75	1,066.69	642.54	535.66
SYSTEMIC	SI:F4	SOVEREIGN S&P RATING	HISTORIC	FACT	AA	AA	AA+	AA+	AA OTABLE	AAA	AA+	AA	AA OTABLE	AA+	AA OTABLE	AA+	AA OTABLE	AAA	A	AA OTABLE	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	83,000	193,319	211,378	221,119	73,817	48,770	40,500	226,059	8,200	249,184	2,090	68,097	100,000	83,842	191,189	133,251	71,551

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

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