

PART OF THE ALPHA REAL CAPITAL FAMILY OF COMPANIES

'TICS': THE TEMPO ISSUER AND COUNTERPARTY SCORECARDS - TICS MONTHLY MOVEMENT: MAY 2022 -

FOR PROFESSIONAL ADVISER USE ONLY - NOT FOR USE WITH CLIENTS -

Introducing the Alpha Real Capital family of companies ('Alpha') ... TEMPO PRODUCTS



Headquartered in London, Alpha Real Capital was founded in 2005 as an international, co-investing, investment management and wealth management solutions business:

- Alpha Real Capital LLP sits at the heart of the Alpha Real Capital family of companies ('Alpha'), which benefit from materially common ultimate beneficial ownership

A 160+ professional team operates across the UK, Europe and Asia, focusing on 4 core areas: i) real estate investment management; ii) long income and index-linked income; iii) infrastructure, social impact and renewable energy; and iv) wealth management solutions



AUM

160+ Professional team

4 Core areas

The 'Alpha way' is to identify specialist teams with expertise in areas of strategic focus and interest and to support these teams to deliver best-in-class investor solutions:

- Alpha teams benefit from centralised resources, including: financial; operational; compliance; research; marketing; business development and capital-raising

... and from Alpha's fundamental interest to 'do the right things'

The 'Alpha DNA' is evident across the Alpha range of funds, products and services:

- Alpha aims to offer attractive risk / return profile investments for investors, with exemplary support and service for business partners, professional advisers and investors

Alpha engages with institutional investors, professional investors (including family offices, UHNW and HNW private investors) and professionally advised retail investors:

- on the retail side, Alpha operates through TIME Investments and Tempo Structured Products



- This powerpoint provides our 'TICS Monthly Movement: May 2022'
- Please also see:
 - our 'TICS: Introduction and overview' presentation
 - our 'TICS: Methodology (scoring and weighting)' presentation
 - a recording of our 'TICS: Workshop' video webinar presentation for professional advisers is also available:

https://tempo-sp.com/newsroom/recorded-video-webinars

- TICS covers all 30 G-SIBs, plus a small number of D-SIBs and / or issuers of retail structured products, including a number of institutions that some issuers credit-link their products to
- We update and publish TICS each month, producing 9 outputs:

TICS
1. TICS Category Scorecard - Credit ratings
2. TICS Category Scorecard - CDS
3. TICS Category Scorecard - Fundamentals (balance sheet)
4. TICS Category Scorecard - Fundamentals (market indicators)
5. TICS Category Scorecard - Systemic importance
6. TICS Amalgamated Scorecard
7. TICS Side-by-Side View
8. TICS Reports
9. TICS Monthly Movement



- We publish TICS to provide transparency regarding our internal processes and to provide a resource to support professional advisers in meeting their regulatory research and due diligence responsibilities:
 - but it is important that professional advisers using TICS understand what TICS is: **and what TICS is not**
- What TICS is:
 - we developed TICS for internal purposes in order to aid us in analysing, assessing, understanding and comparing issuers / counterparties, to help us identify strong issuers / counterparties in our role as an independent plan manager able to select and deal with issuers / counterparties without bias
 - TICS compiles multiple Factors across various Categories pertinent to assessing and considering issuer / counterparty financial strength / credit risk, using a robust methodology, including a scoring system
 - the widely recognised measures and indicators of financial strength / credit risk and scoring system provoke and support more detailed and objective analysis, consideration and understanding - including comparison of issuers / counterparties

What TICS is not:

- TICS is not independent research or an investment recommendation
- we do not provide any warranty regarding the TICS, the data, its methodology, weighting or scoring: and we expressly exclude any liability for any judgement or interpretation based upon or influenced by TICS
- professional advisers should reach their own judgement of issuer / counterparty financial strength / credit risk
- while the scoring system within TICS *'ranks'* issuers / counterparties, professional advisers should understand that this is not the intended purpose of TICS: the purpose of TICS is to provoke and support detailed and objective **analysis**, **consideration** and **understanding** including **comparison** of issuers / counterparties

TICS Monthly Movement ...



- Every month, we monitor the monthly movement within TICS, including the TICS Amalgamated Scorecard and the TICS Category Scorecards:
 - we identify and highlight movement up and down the rankings
 - we draw attention to any issuer / counterparty that moves up or down by more than 5 places



TICS Amalgamated Scorecard

- overall, the TICS Amalgamated scores for May are higher (i.e. worse) compared to April, on average, driven by widening CDS levels
- no banks moved by 5 places or more
- TICS Category Scorecard Credit ratings
 - no banks moved by 5 places or more
- TICS Category Scorecard CDS
 - the following bank(s) moved up by 5 places or more: UBS, ABC, Nomura, Bank of Ireland
 - the following bank(s) moved down by 5 places or more: Standard Chartered, Prudential
- TICS Category Scorecard Fundamentals (balance sheet):
 - no banks moved by 5 places or more
- TICS Category Scorecard Fundamentals (market indicators):
 - the following bank(s) moved up by 5 places or more: Standard Chartered
 - the following bank(s) moved down by 5 places or more: Deutsche Bank
- TICS Category Scorecard Systemic importance:
 - no banks moved by 5 places or more



TICS AMALGAMATED SCORECARD				
ISSUER / COUNTERPARTY	MOVEMENT + / -	PREVIOUS RANK	NEW RANK	COMMENT
N/A				

TICS CATEGORY SCOREACRD: CREDIT RATINGS											
ISSUER / COUNTERPARTY	MOVEMENT + / -	PREVIOUS RANK	NEW RANK	COMMENT							
N/A											

TICS CATEGORY SCORECARD: C	TICS CATEGORY SCORECARD: CDS												
ISSUER / COUNTERPARTY	MOVEMENT + / -	PREVIOUS RANK	NEW RANK	COMMENT									
UBS	+6	20	14	Lower i.e. improved 5yr CDS volatility									
ABC	+9	31	22	Lower i.e. improved 5yr CDS volatility									
Nomura	+5	17	12	Lower i.e. improved 5yr CDS volatility									
Bank of Ireland	+6	26	20	Lower i.e. improved 5yr CDS volatility									
Standard Chartered	-10	19	29	Higher i.e. worse 5yr and 1yr CDS levels									
Prudential	-6	22	28	Higher i.e. worse 5yr and 1yr CDS levels									



TICS CATEGORY SCORECARD: FUNDAMENTALS (BALANCE SHEET)												
ISSUER / COUNTERPARTY	MOVEMENT + / -	PREVIOUS RANK	NEW RANK	COMMENT								
N/A												

TICS CATEGORY SCORECARD: FUNDAMENTALS (MARKET INDICATORS)											
ISSUER / COUNTERPARTY MOVEMENT PREVIOUS NEW + / - RANK RANK COMMENT											
Standard Chartered	+5	33	28	Higher market capitalisation							
Deutsche Bank	-7	27	34	Lower market capitalisation							

TICS CATEGORY SCORECARD: SYSTEMIC IMPORTANCE											
ISSUER / COUNTERPARTY MOVEMENT PREVIOUS NEW + / - RANK RANK COMMENT											
N/A											

TICS Amalgamated Scorecard - Monthly Movement: May 22 ...



					May 2022			April 2022	2	Γ	March 2022	2
	Bank / Institution	Region	Sovereign	Amalg. Score	Rank	+/- Rank change	Amalg. Score	Rank	+/- Rank change	Amalg. Score	Rank	+/- Rank change
1	HSBC	UK	UK	381.5	1	0	376.3	1	0	377.8	1	0
2	ICBC	Asia	China	411.7	2	0	413.5	2	1	418.8	3	1
3	Toronto Dominion	North America	Canada	412.6	3	0	415.6	3	-1	415.6	2	0
4	Nordea	Europe	Sweden	424.0	4	0	424.0	4	0	424.0	5	2
5	ССВ	Asia	China	425.3	5	0	425.3	5	0	427.1	6	4
6	BONYM	North America	USA	430.8	6	0	429.3	6	0	429.3	10	1
7	RBC	North America	Canada	456.3	7	0	440.6	7	0	438.6	12	2
8	JP Morgan	North America	USA	458.8	8	2	446.0	10	-2	446.0	7	-3
9	Mitsubishi	Asia	Japan	459.8	9	4	459.8	13	1	459.8	16	0
10	Bank of China	Asia	China	460.2	10	-2	442.2	8	2	449.7	9	0
11	Sumitomo	Asia	Japan	461.6	11	3	461.6	14	-2	451.1	13	0
12	Credit Agricole	Europe	France	462.9	12	-3	444.9	9	2	450.2	8	0
13	BPCE_Natixis	Europe	France	463.2	13	2	463.2	15	1	463.2	14	1
14	BNP Paribas	Europe	France	465.4	14	-3	447.4	11	-2	448.2	3	0
15	Bank of America	North America	USA	465.5	15	-3	450.5	12	1	451.3	11	-5
16	UBS AG	Europe	Switzerland	469.6	16	0	470.3	16	-1	462.8	15	-3
17	Mizuho	Asia	Japan	491.8	17	1	493.3	18	2	499.3	21	3
18	State Street	North America	USA	494.4	18	1	496.2	19	0	498.0	20	0
19	Wells Fargo	North America	USA	500.1	19	-2	487.3	17	0	482.3	17	0
20	ING Bank	Europe	Netherlands	512.2	20	1	512.2	21	0	510.7	22	3
21	ABC	Asia	China	523.1	21	2	523.1	23	1	524.6	27	3
22	Morgan Stanley	North America	USA	523.9	22	-2	503.2	20	-2	494.9	18	0
23	MSIP	UK	UK	532.7	23	2	532.7	25	1	532.7	30	1
24	Santander	Europe	Spain	533.8	24	-2	521.0	22	1	523.8	24	-2
25	Lloyds	UK	ŮK	536.9	25	-1	532.4	24	4	536.9	25	1
26	Societe Generale	Europe	France	539.5	26	0	535.0	26	-1	532.0	19	0
27	Goldman Sachs	North America	USA	550.7	27	0	537.2	27	0	534.9	26	-3
28	Citi	North America	USA	553.5	28	0	539.5	28	-6	523.0	23	-2
29	Danske Bank	Europe	Denmark	561.6	29	1	543.6	30	-1	541.3	29	0
30	Standard Chartered	UK	UK	571.1	30	-1	543.3	29	2	554.6	31	-3
31	RBS	UK	UK	583.3	31	2	573.6	33	0	571.3	34	0
32	Barclays	UK	UK	585.6	32	0	567.6	32	0	560.8	33	0
33	Deutsche Bank	Europe	Germany	594.6	33	-2	561.8	31	-1	553.6	28	-1
34	Aviva	UK	UK	603.7	34	0	574.8	34	0	578.0	32	0
35	Investec Bank plc	UK	UK	612.8	35	1	609.2	36	0	611.0	38	0
36	Nomura	Asia	Japan	624.2	36	2	630.2	38	1	643.7	39	0
37	Prudential	UK	ŮK	628.9	37	-2	594.6	35	0	594.6	36	-1
38	Credit Suisse	Europe	Switzerland	632.8	38	-1	622.3	37	0	615.6	35	1
39	Unicredit Group	Europe	Italy	656.6	39	0	639.3	39	-1	620.1	37	0
40	Bank of Ireland	Europe	Ireland	693.8	40	0	692.3	40	0	681.1	40	0

TICS Credit ratings - Monthly Movement: May 22 ...



					May 2022			April 2022			March 2022	2
	Bank / Institution	Region	Sovereign	Cred. rat. Score	Cred. rat. rank	+/- rank change	Cred. rat. Score	Cred. rat. rank	+/- rank change	Cred. rat. Score	Cred. rat. rank	+/- rank change
1	HSBC	UK	UK	4.75	6	0	4.75	6	0	4.75	6	0
2	ICBC	Asia	China	5.67	15	0	5.67	15	0	5.67	15	0
3	Toronto Dominion	North America	Canada	4.33	2	0	4.33	2	0	4.33	2	0
4	Nordea	Europe	Sweden	4.00	1	0	4.00	1	0	4.00	1	0
5	ССВ	Asia	China	5.67	14	0	5.67	14	0	5.67	14	0
6	BONYM	North America	USA	5.00	8	0	5.00	8	0	5.00	8	0
7	RBC	North America	Canada	4.33	3	0	4.33	3	0	4.33	3	0
8	JP Morgan	North America	USA	5.50	12	0	5.50	12	0	5.50	12	0
9	Mitsubishi	Asia	Japan	6.33	25	0	6.33	25	0	6.33	25	0
10	Bank of China	Asia	China	5.67	16	0	5.67	16	0	5.67	16	0
11	Sumitomo	Asia	Japan	6.08	21	0	6.08	21	-1	6.08	20	0
12	Credit Agricole	Europe	France	4.67	5	0	4.67	5	0	4.67	5	0
13	BPCE_Natixis	Europe	France	5.42	11	0	5.42	11	0	5.42	11	0
14	BNP Paribas	Europe	France	4.67	4	0	4.67	4	0	4.67	4	0
15	Bank of America	North America	USA	5.50	13	0	5.50	13	0	5.50	13	0
16	UBS AG	Europe	Switzerland	5.33	10	0	5.33	10	0	5.33	10	0
17	Mizuho	Asia	Japan	6.33	26	0	6.33	26	0	6.33	26	0
18	State Street	North America	USA	5.00	9	0	5.00	9	0	5.00	9	0
19	Wells Fargo	North America	USA	6.08	23	0	6.08	23	0	6.08	23	0
20	ING Bank	Europe	Netherlands	6.67	30	0	6.67	30	0	6.67	30	0
21	ABC	Asia	China	7.33	34	0	7.33	34	0	7.33	34	0
22	Morgan Stanley	North America	USA	6.17	24	0	6.17	24	0	6.17	24	0
23	MSIP	UK	UK	4.88	7	0	4.88	7	0	4.88	7	0
24	Santander	Europe	Spain	6.00	20	0	6.00	20	2	6.08	22	0
25	Lloyds	UK	UK	6.67	29	0	6.67	29	0	6.67	29	0
26	Societe Generale	Europe	France	6.00	19	0	6.00	19	0	6.00	19	0
27	Goldman Sachs	North America	USA	6.67	28	0	6.67	28	0	6.67	28	0
28	Citi	North America	USA	7.00	32	0	7.00	32	0	7.00	32	0
29	Danske Bank	Europe	Denmark	6.08	22	0	6.08	22	-1	6.08	21	0
30	Standard Chartered	UK	UK	7.08	33	0	7.08	33	0	7.08	33	0
31	RBS	UK	UK	7.58	35	0	7.58	35	0	7.58	35	0
32	Barclays	UK	UK	7.83	38	0	7.83	38	0	7.83	38	0
33	Deutsche Bank	Europe	Germany	6.83	31	0	6.83	31	0	6.83	31	0
34	Aviva	UK	UK	5.67	17	0	5.67	17	0	5.67	17	0
35	Investec Bank plc	UK	UK	6.50	27	0	6.50	27	0	6.50	27	0
36	Nomura	Asia	Japan	7.67	36	0	7.67	36	0	7.67	36	0
37	Prudential	UK	UK	6.00	18	0	6.00	18	0	6.00	18	0
38	Credit Suisse	Europe	Switzerland	7.83	37	0	7.83	37	0	7.83	37	0
39	Unicredit Group	Europe	Italy	8.58	39	0	8.58	39	0	8.58	39	0
40	Bank of Ireland	Europe	Ireland	9.08	40	0	9.08	40	0	9.08	40	0

TICS CDS - Monthly Movement: May 22 ...



					May 2022			April 2022		ĺ	March 202	2
	Bank / Institution	Region	Sovereign	CDS Score	CDS rank	+/- rank change	CDS Score	CDS rank	+/- rank change	CDS Score	CDS rank	+/- rank change
1	HSBC	UK	UK	4.00	10	0	3.55	10	-1	3.55	9	0
2	ICBC	Asia	China	N/A	37	0	N/A	37	0	N/A	37	0
3	Toronto Dominion	North America	Canada	2.65	6	0	2.65	6	1	2.65	7	3
4	Nordea	Europe	Sweden	1.75	1	0	1.75	1	0	1.75	1	1
5	ССВ	Asia	China	N/A	36	0	N/A	36	0	N/A	36	0
6	BONYM	North America	USA	2.35	3	0	2.35	3	1	2.35	4	1
7	RBC	North America	Canada	4.55	11	0	3.80	11	-1	3.80	10	4
8	JP Morgan	North America	USA	6.65	27	0	5.60	27	-1	5.50	26	-3
9	Mitsubishi	Asia	Japan	1.90	2	0	1.90	2	0	1.90	2	2
10	Bank of China	Asia	China	6.50	23	1	5.30	24	6	5.80	30	-4
11	Sumitomo	Asia	Japan	2.80	8	0	2.80	8	-5	2.20	3	-2
12	Credit Agricole	Europe	France	5.15	16	-3	3.95	13	1	4.10	14	-3
13	BPCE_Natixis	Europe	France	2.65	5	0	2.65	5	1	2.65	6	-3
14	BNP Paribas	Europe	France	5.15	15	-3	3.95	12	1	4.00	13	-5
15	Bank of America	North America	USA	6.65	26	2	5.75	28	-4	5.50	24	-2
16	UBS AG	Europe	Switzerland	5.05	14	6	4.90	20	-4	4.30	16	1
17	Mizuho	Asia	Japan	2.80	7	0	2.80	7	1	3.10	8	5
18	State Street	North America	USA	N/A	40	0	N/A	40	0	N/A	40	0
19	Wells Fargo	North America	USA	6.55	25	0	5.50	25	3	5.50	28	-4
20	ING Bank	Europe	Netherlands	2.45	4	0	2.45	4	1	2.45	5	1
21	ABC	Asia	China	6.40	22	9	6.40	31	2	6.40	33	2
22	Morgan Stanley	North America	USA	7.30	31	-1	6.25	30	-3	5.50	27	5
23	MSIP	UK	UK	N/A	39	0	N/A	39	0	N/A	39	0
24	Santander	Europe	Spain	5.25	17	-1	4.50	16	1	4.35	17	1
25	Lloyds	UK	UK	3.75	9	0	3.45	9	2	3.85	11	-4
26	Societe Generale	Europe	France	5.40	19	2	5.10	21	-1	5.00	20	-4
27	Goldman Sachs	North America	USA	7.30	30	-1	6.10	29	2	5.95	31	0
28	Citi	North America	USA	7.40	32	0	6.50	32	-7	5.50	25	5
29	Danske Bank	Europe	Denmark	5.30	18	-4	4.10	14	-2	3.95	12	3
30	Standard Chartered	UK	UK	6.85	29	-10	4.90	19	10	5.65	29	-8
31	RBS	UK	UK	5.00	13	2	4.45	15	0	4.30	15	-3
32	Barclays	UK	UK	5.95	21	-3	4.75	18	0	4.50	18	2
33	Deutsche Bank	Europe	Germany	8.65	35	-1	7.00	34	0	6.45	34	-1
34	Aviva	UK	UK	6.55	24	-1	5.20	23	-1	5.35	22	-3
35	Investec Bank plc	UK	UK	N/A	38	0	N/A	38	0	N/A	38	0
36	Nomura	Asia	Japan	4.65	12	5	4.65	17	6	5.45	23	11
37	Prudential	UK	UK	6.65	28	-6	5.15	22	-1	5.15	21	6
38	Credit Suisse	Europe	Switzerland	7.90	33	2	7.30	35	0	6.65	35	-10
39	Unicredit Group	Europe	Italy	8.00	34	-1	6.95	33	-1	6.10	32	-4
40	Bank of Ireland	Europe	Ireland	5.60	20	6	5.60	26	-7	4.85	19	10

TICS Credit ratings (65%) and CDS (35%) combined - Monthly Movement: May 22...



					May 2022			April 2022		l	March 2022	2
	Bank / Institution	Region	Sovereign	ASP Credit/CDS Score	ASP Credit/CDS Rank	+/- rank change	ASP Credit/CDS Score	ASP Credit/CDS Rank	+/- rank change	ASP Credit/CDS Score	ASP Credit/CDS Rank	+/- rank change
1	HSBC	UK	UK	4.33	5	3	3.91	4	3	3.91	4	3
2	ICBC	Asia	China	3.74	2	0	3.74	2	0	3.74	2	0
3	Toronto Dominion	North America	Canada	5.67	23	-1	5.67	27	-1	5.67	27	-1
4	Nordea	Europe	Sweden	3.21	1	0	3.21	1	0	3.21	1	0
5	CCB	Asia	China	5.67	24	-2	3.94	5	-2	3.94	5	-2
6	BONYM	North America	USA	4.07	3	4	4.77	11	4	4.77	11	4
7	RBC	North America	Canada	4.15	4	-1	5.67	28	-1	5.67	28	-1
8	JP Morgan	North America	USA	5.54	19	-2	4.07	6	-2	4.07	6	-2
9	Mitsubishi	Asia	Japan	4.42	6	3	3.86	3	3	3.86	3	3
10	Bank of China	Asia	China	5.54	20	0	4.34	9	0	4.34	9	0
11	Sumitomo	Asia	Japan	4.42	7	5	4.82	13	5	4.82	13	5
12	Credit Agricole	Europe	France	4.93	11	0	4.41	10	0	4.41	10	0
13	BPCE_Natixis	Europe	France	5.59	22	4	5.19	21	4	5.19	21	4
14	BNP Paribas	Europe	France	4.78	9	-2	4.19	7	-2	4.19	7	-2
15	Bank of America	North America	USA	5.18	14	-1	4.78	12	-1	4.78	12	-1
16	UBS AG	Europe	Switzerland	4.45	8	-2	5.41	25	-2	5.41	25	-2
17	Mizuho	Asia	Japan	5.88	27	0	4.26	8	0	4.26	8	0
18	State Street	North America	USA	6.20	28	-2	5.46	26	-2	5.46	26	-2
19	Wells Fargo	North America	USA	5.00	12	-12	5.25	24	-12	5.25	24	-12
20	ING Bank	Europe	Netherlands	5.10	13	-5	5	19	-5	5	19	-5
21	ABC	Asia	China	5.19	15	2	4.83	14	2	4.83	14	2
22	Morgan Stanley	North America	USA	6.83	35	0	5.95	31	0	5.95	31	0
23	MSIP	UK	UK	5.48	17	-1	5.19	22	-1	5.19	22	-1
24	Santander	Europe	Spain	7.01	37	1	5.79	29	1	5.79	29	1
25	Lloyds	UK	UK	5.69	25	-1	4.9	18	-1	4.9	18	-1
26	Societe Generale	Europe	France	4.88	10	0	5.07	20	0	5.07	20	0
27	Goldman Sachs	North America	USA	6.47	30	0	7.01	38	0	7.01	38	0
28	Citi	North America	USA	5.54	21	-4	5.96	33	-4	5.96	33	-4
29	Danske Bank	Europe	Denmark	5.39	16	-3	4.88	16	-3	4.88	16	-3
30	Standard Chartered	UK	UK	6.89	36	-1	6.25	34	-1	6.25	34	-1
31	RBS	UK	UK	6.32	29	4	5.85	30	4	5.85	30	4
32	Barclays	UK	UK	6.75	34	7	4.86	15	7	4.86	15	7
33	Deutsche Bank	Europe	Germany	6.49	31	2	4.89	17	2	4.89	17	2
34	Aviva	UK	UK	5.50	18	0	5.96	32	0	5.96	32	0
35	Investec Bank plc	UK	UK	5.70	26	0	6.54	36	0	6.54	36	0
36	Nomura	Asia	Japan	6.50	32	5	5.2	23	5	5.2	23	5
37	Prudential	UK	ŮK	7.65	38	0	6.5	35	0	6.5	35	0
38	Credit Suisse	Europe	Switzerland	8.01	40	0	7.19	39	0	7.19	39	0
39	Unicredit Group	Europe	Italy	6.61	33	0	6.89	37	0	6.89	37	0
40	Bank of Ireland	Europe	Ireland	7.86	39	0	7.6	40	0	7.6	40	0

TICS Fundamentals (balance sheet) - Monthly Movement: May 22 ... TEMPO PRODUCTS

					May 2022			April 2022			March 2022	
	Bank / Institution	Region	Sovereign	Bal, sheet Score	Bal. sheet rank	+/- rank change	Bal. sheet Score	Bal. sheet rank	+/- rank change	Bal. sheet Score	Bal. sheet rank	+/- rank change
1	HSBC	UK	UK	3.00	1	0	3.00	1	0	3.00	1	0
2	ICBC	Asia	China	3.25	4	0	3.25	4	2	3.40	6	-1
3	Toronto Dominion	North America	Canada	5.05	36	0	5.20	36	0	5.20	36	0
4	Nordea	Europe	Sweden	4.75	34	-2	4.75	32	0	4.75	32	0
5	CCB	Asia	China	3.25	3	0	3.25	3	0	3.25	3	0
6	BONYM	North America	USA	3.95	21	-1	3.95	20	0	3.95	20	2
7	RBC	North America	Canada	5.60	38	0	5.60	38	0	5.60	38	0
8	JP Morgan	North America	USA	3.65	13	2	3.80	15	-2	3.80	13	0
9	Mitsubishi	Asia	Japan	4.00	22	0	4.00	22	0	4.00	22	-1
10	Bank of China	Asia	China	3.40	7	-1	3.40	6	-1	3.40	5	-1
11	Sumitomo	Asia	Japan	3.45	8	-1	3.45	7	0	3.45	7	-1
12	Credit Agricole	Europe	France	4.00	23	0	4.00	23	0	4.15	23	0
13	BPCE_Natixis	Europe	France	4.35	28	0	4.35	28	0	4.35	28	-1
14	BNP Paribas	Europe	France	4.40	29	0	4.40	29	0	4.40	29	0
15	Bank of America	North America	USA	3.70	14	-1	3.70	13	3	3.85	16	-1
16	UBS AG	Europe	Switzerland	3.80	18	1	3.95	19	0	3.95	19	0
17	Mizuho	Asia	Japan	4.25	25	0	4.25	25	0	4.25	25	-1
18	State Street	North America	USA	4.60	31	3	4.75	34	0	4.75	34	1
19	Wells Fargo	North America	USA	3.70	16	2	3.85	18	0	3.85	18	-1
20	ING Bank	Europe	Netherlands	4.20	24	0	4.20	24	0	4.20	24	4
21	ABC	Asia	China	3.25	2	0	3.25	2	0	3.25	2	0
22	Morgan Stanley	North America	USA	3.70	15	-1	3.70	14	3	3.85	17	-1
23	MSIP	UK	UK	5.36	37	0	5.36	37	0	5.36	37	0
24	Santander	Europe	Spain	4.75	35	-2	4.75	33	0	4.75	33	0
25	Lloyds	UK	UK	3.80	20	-3	3.80	17	-2	3.80	15	-1
26	Societe Generale	Europe	France	4.30	27	0	4.30	27	0	4.30	27	-1
27	Goldman Sachs	North America	USA	3.80	19	2	3.95	21	0	3.95	21	-1
28	Citi	North America	USA	3.35	5	3	3.50	8	0	3.50	8	-1
29	Danske Bank	Europe	Denmark	4.60	30	0	4.60	30	0	4.60	30	0
30	Standard Chartered	UK	UK	3.50	11	0	3.50	11	0	3.50	11	-1
31	RBS	UK	UK	3.50	10	0	3.50	10	0	3.50	10	-1
32	Barclays	UK	UK	3.50	9	0	3.50	9	0	3.50	9	-1
33	Deutsche Bank	Europe	Germany	3.65	12	0	3.65	12	0	3.65	12	0
34	Aviva	UK	UK	N/A	39	0	N/A	39	0	N/A	39	0
35	Investec Bank plc	UK	UK	4.75	33	-2	4.75	31	0	4.75	31	0
36	Nomura	Asia	Japan	4.70	32	3	4.85	35	0	4.85	35	-1
37	Prudential	UK	ŮK	N/A	40	0	N/A	40	0	N/A	40	0
38	Credit Suisse	Europe	Switzerland	3.80	17	-1	3.80	16	-2	3.80	14	4
39	Unicredit Group	Europe	Italy	3.35	6	-1	3.35	5	-1	3.35	4	7
40	Bank of Ireland	Europe	Ireland	4.30	26	0	4.30	26	0	4.30	26	-1

TICS Fundamentals (market indicators) - Monthly Movement: May 22 TEMPO STRUCTURED

1	Bank / Institution	Region	Sovereign	May 2022				April 2022		March 2022		
				Mkt. ind. Score	Mkt. ind. rank	+/- rank change	Mkt. Ind. Score	Mkt. ind. rank	+/- rank change	Mkt. ind. Score	Mkt. ind. rank	+/- rank change
1	HSBC	UK	UK	3.10	8	2	3.25	10	1	3.40	11	0
2	ICBC	Asia	China	1.30	1	0	1.45	1	0	1.45	1	0
3	Toronto Dominion	North America	Canada	3.30	9	-1	3.15	8	1	3.15	9	0
4	Nordea	Europe	Sweden	5.40	17	1	5.40	18	-2	5.40	16	2
5	ССВ	Asia	China	2.45	6	0	2.45	6	1	2.60	7	1
6	BONYM	North America	USA	5.85	21	-1	5.70	20	0	5.70	20	0
7	RBC	North America	Canada	3.10	7	0	2.65	7	-1	2.45	6	0
8	JP Morgan	North America	USA	2.20	4	-2	2.05	2	1	2.20	3	0
9	Mitsubishi	Asia	Japan	4.40	13	0	4.40	13	0	4.40	13	1
10	Bank of China	Asia	China	2.15	2	1	2.15	3	-1	2.15	2	0
11	Sumitomo	Asia	Japan	5.55	19	0	5.55	19	-2	5.40	17	4
12	Credit Agricole	Europe	France	6.30	32	0	6.30	32	-1	6.15	31	-1
13	BPCE_Natixis	Europe	France	6.00	25	1	6.00	26	0	6.00	26	7
14	BNP Paribas	Europe	France	5.80	20	1	5.80	21	0	5.80	21	-6
15	Bank of America	North America	USA	2.35	5	0	2.20	5	-1	2.20	4	0
16	UBS AG	Europe	Switzerland	5.05	14	1	4.90	15	0	5.05	15	1
17	Mizuho	Asia	Japan	5.15	16	0	5.30	16	2	5.45	18	1
18	State Street	North America	USA	6.30	29	-4	6.00	25	4	6.15	29	-1
19	Wells Fargo	North America	USA	3.35	10	-1	3.20	9	-1	2.70	8	-1
20	ING Bank	Europe	Netherlands	6.75	33	1	6.75	34	1	6.60	35	-12
21	ABC	Asia	China	2.15	3	1	2.15	4	1	2.30	5	0
22	Morgan Stanley	North America	USA	3.85	11	0	3.35	11	-1	3.20	10	0
23	MSIP	UK	UK	N/A	40	0	N/A	40	0	N/A	40	0
24	Santander	Europe	Spain	5.50	18	-1	5.35	17	2	5.50	19	-2
25	Lloyds	UK	UK	6.00	23	1	6.00	24	-2	5.85	22	2
26	Societe Generale	Europe	France	7.25	37	2	7.25	39	-3	7.10	36	-5
27	Goldman Sachs	North America	USA	4.35	12	0	4.35	12	0	4.35	12	1
28	Citi	North America	USA	5.15	15	-1	4.65	14	0	4.50	14	-2
29	Danske Bank	Europe	Denmark	5.95	22	1	5.95	23	1	5.95	24	3
30	Standard Chartered	UK	UK	6.20	28	5	6.35	33	0	6.35	33	2
31	RBS	UK	UK	6.00	24	-2	5.85	22	1	5.85	23	3
32	Barclays	UK	UK	6.30	31	0	6.30	31	-6	6.00	25	0
33	Deutsche Bank	Europe	Germany	6.85	34	-7	6.05	27	0	6.05	27	-5
34	Aviva	UK	UK	6.05	26	2	6.05	28	0	6.05	28	6
35	Investec Bank plc	UK	UK	7.30	38	-1	7.00	37	1	7.15	38	0
36	Nomura	Asia	Japan	6.10	27	3	6.25	30	4	6.40	34	3
37	Prudential	UK	UK	6.30	30	-1	6.15	29	1	6.15	30	2
38	Credit Suisse	Europe	Switzerland	7.00	35	0	6.85	35	2	7.15	37	-1
39	Unicredit Group	Europe	Italy	7.10	36	0	6.95	36	-4	6.30	32	-3
40	Bank of Ireland	Europe	Ireland	7.30	39	-1	7.15	38	1	7.15	39	0

TICS Systemic importance - Monthly Movement: May 22 ...



	Bank / Institution	Region	Sovereign	April 2022			March 2022			February 2022		
				Syst. imp. Score	Syst. imp. rank	+/- rank change	Syst. imp. Score	Syst. imp. rank	+/- rank change	Syst. imp. Score	Syst. imp. rank	+/- rank change
1	HSBC	UK	UK	2.10	3	0	2.10	3	0	2.10	3	0
2	ICBC	Asia	China	2.50	6	0	2.50	6	0	2.50	6	0
3	Toronto Dominion	North America	Canada	3.00	14	0	3.00	14	0	3.00	14	0
4	Nordea	Europe	Sweden	8.25	35	0	8.25	35	0	8.25	35	0
5	ССВ	Asia	China	2.50	8	0	2.50	8	0	2.50	8	0
6	BONYM	North America	USA	3.70	28	0	3.70	28	0	3.70	28	0
7	RBC	North America	Canada	3.15	16	0	3.15	16	0	3.15	16	0
8	JP Morgan	North America	USA	1.50	1	0	1.50	1	0	1.50	1	0
9	Mitsubishi	Asia	Japan	2.80	11	0	2.80	11	0	2.80	11	0
10	Bank of China	Asia	China	2.50	7	0	2.50	7	0	2.50	7	0
11	Sumitomo	Asia	Japan	3.45	23	0	3.45	23	0	3.45	23	0
12	Credit Agricole	Europe	France	3.20	18	0	3.20	18	0	3.20	18	0
13	BPCE_Natixis	Europe	France	3.25	19	0	3.25	19	0	3.25	19	0
14	BNP Paribas	Europe	France	2.30	5	0	2.30	5	0	2.30	5	0
15	Bank of America	North America	USA	2.25	4	0	2.25	4	0	2.25	4	0
16	UBS AG	Europe	Switzerland	3.20	17	0	3.20	17	0	3.20	17	0
17	Mizuho	Asia	Japan	3.50	24	0	3.50	24	0	3.50	24	0
18	State Street	North America	USA	3.85	29	0	3.85	29	0	3.85	29	0
19	Wells Fargo	North America	USA	2.80	10	0	2.80	10	0	2.80	10	0
20	ING Bank	Europe	Netherlands	3.05	15	0	3.05	15	0	3.05	15	0
21	ABC	Asia	China	2.95	12	0	2.95	12	0	2.95	12	0
22	Morgan Stanley	North America	USA	3.65	27	0	3.65	27	0	3.65	27	0
23	MSIP	UK	UK	8.76	37	0	8.76	37	0	8.76	37	0
24	Santander	Europe	Spain	3.50	25	0	3.50	25	0	3.54	25	0
25	Lloyds	UK	UK	8.00	34	0	8.00	34	0	8.00	34	0
26	Societe Generale	Europe	France	3.40	22	0	3.40	22	0	3.40	22	0
27	Goldman Sachs	North America	USA	3.40	21	0	3.40	21	0	3.40	21	0
28	Citi	North America	USA	2.10	2	0	2.10	2	0	2.10	2	0
29	Danske Bank	Europe	Denmark	8.25	36	0	8.25	36	0	8.25	36	0
30	Standard Chartered	UK	UK	3.60	26	0	3.60	26	0	3.60	26	0
31	RBS	UK	UK	8.00	33	0	8.00	33	0	8.00	33	0
32	Barclays	UK	UK	3.00	13	0	3.00	13	0	3.00	13	0
33	Deutsche Bank	Europe	Germany	2.70	9	0	2.70	9	0	2.70	9	0
34	Aviva	UK	UK	7.45	31	0	7.45	31	0	7.45	31	0
35	Investec Bank plc	UK	UK	8.95	39	0	8.95	39	0	8.95	39	0
36	Nomura	Asia	Japan	9.15	40	0	9.15	40	0	9.15	40	0
37	Prudential	UK	UK	7.50	32	0	7.50	32	0	7.50	32	0
38	Credit Suisse	Europe	Switzerland	3.40	20	0	3.40	20	0	3.40	20	0
39	Unicredit Group	Europe	Italy	4.35	30	0	4.35	30	0	4.35	30	0
40	Bank of Ireland	Europe	Ireland	8.90	38	0	8.90	38	0	8.90	38	0

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Tempo Structured Products Alpha Real Capital | TIME Investments

338 Euston Road London NW1 3BG

Adviser line: +44 (0)207 391 4551

W: www.tempo-sp.com W: www.alpharealcapital.com W: www.time-investments.com

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