

Monthly Insights

A round-up of our key research and forecasts in March 2023

Global economics

<u>Fed goes for a dovish hike</u> The Federal Reserve hiked rates by 25bps at its March FOMC, focusing on its inflation challenge even amid the stress at play in financial markets.

Regional Economics

<u>UAE: Budget surplus exceeded 10% of GDP in 2022</u> We expect the surplus to narrow to 6.2% of GDP this year on the back of lower oil prices. Estimates for 2022 GDP non-oil growth have also been revised higher to take into account more recent data, and we now expect the UAE economy grew 8.0% last year, up from the prior forecast of 7.6%.

<u>UAE: Rail network to boost freight transport sector</u> The ongoing development of the UAE's rail network will help to boost the country's freight transport sector, supporting ongoing growth in one of the key components of the local economy.

<u>Saudi Arabia: 2023 budget estimate revised lower</u> In light of the recent developments in global financial markets, and the downward revision to our house view on oil prices this year, we have revised our forecasts for the GCC budgets lower as well.

Regional PMIs: UAE and Saudi Arabia maintain growth momentum UAE and Saudi Arabia sustain robust expansions.

Markets

<u>Commodities to ride out storm of financial market stress</u>: The current squall in financial markets has hit oil markets hard but the tempest in oil prices is thanks to a shift in risk appetite, not a change to the fundamental picture for crude oil.

<u>Oil markets break out of trading range</u>: Oil prices have crashed out of the trading range they had set for 2023 with Brent and WTI futures falling to their lowest levels since the end of 2021.

<u>ECB goes with 50</u>: The European Central Bank hiked its policy rates by 50bps at its March meeting, prioritizing its fight on inflation over financial stability concerns.

<u>China rebound fails to enliven metals markets</u>: China's nascent recovery from zero-Covid has not yet boosted metals prices to any significant degree.



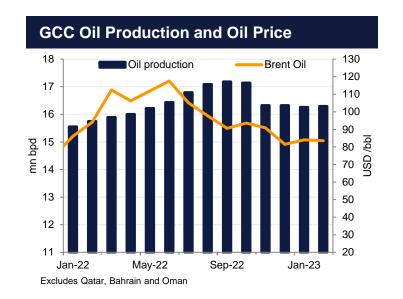
Key Economic Forecasts – Global

US	2020	2021	2022	2023f	2024f
Real GDP %	-2.8	5.9	2.1	0.9	1.2
Current A/C % GDP	-2.9	-3.6	-3.7	-3.3	-3.2
Budget Balance % GDP	-15.6	-10.8	-5.5	-4.9	-5.3
CPI %	1.2	4.7	8.0	4.1	2.5
Eurozone					
Real GDP %	-6.1	5.3	3.5	0.5	1.2
Current A/C % GDP	1.7	2.4	-0.7	0.8	1.1
Budget Balance % GDP	-7.0	-5.1	-3.7	-3.7	-3.2
CPI %	0.3	2.6	8.4	5.7	2.4
UK					
Real GDP %	-11.0	8.5	4.2	-0.5	0.9
Current A/C% GDP	-3.2	-1.5	-4.9	-3.8	-3.7
Budget Balance % GDP	-12.8	-7.2	-5.0	-5.4	-3.6
CPI %	0.9	2.6	9.1	6.7	2.4
Japan					
Real GDP %	-4.3	2.3	1.0	1.1	1.1
Current A/C % GDP	2.9	3.9	1.9	1.7	2.1
Budget Balance % GDP	-9.0	-5.5	-6.7	-5.0	-4.0
CPI %	0.0	-0.3	2.5	2.2	1.2
China					
Real GDP %	2.2	8.4	3.0	5.3	5.0
Current A/C % GDP	1.7	1.8	2.3	1.3	1.0
Budget Balance %GDP	-6.2	-3.8	-4.7	-5.0	-4.6
CPI%	2.5	0.9	2.0	2.3	2.3
India*					
Real GDP%	3.9	-5.8	9.1	6.9	6.0
Current A/C% GDP	1.3	-1.1	-1.5	-2.9	-2.3
Budget Balance % GDP	-6.0	-6.3	-6.9	-6.4	-5.9
CPI %	6.6	5.1	6.7	6.6	5.2

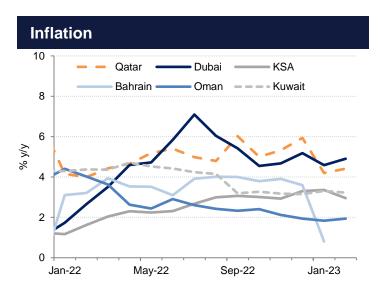
^{*}For India the data refers to fiscal year (April – March)

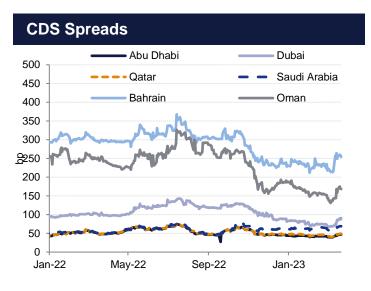


GCC in Pictures





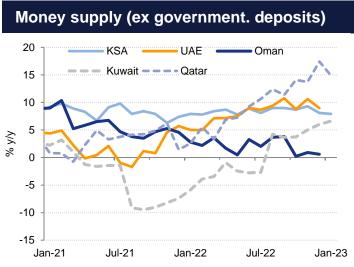


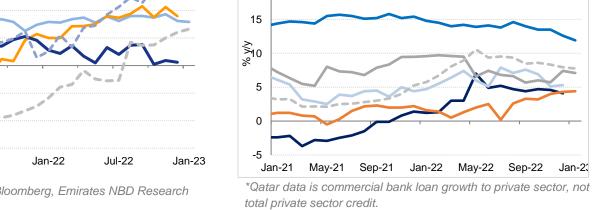


Oman

Qatar

— - Kuwait





25

20

Private sector credit*

Bahrain

Source: Haver Analytics, Bloomberg, Emirates NBD Research



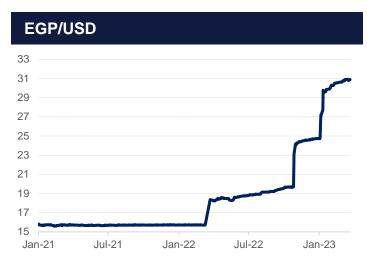
Key Economic Forecasts - GCC

United Arab Emirates	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	349.7	415.3	510.3	524.5	556.7
Real GDP %	-5.0	3.9	8.0	3.9	4.3
Current A/C % GDP	6.0	11.6	14.9	13.4	13.8
Budget Balance % GDP	-2.5	4.0	10.5	6.2	5.9
CPI %	-2.1	0.2	4.7	3.5	2.0
Saudi Arabia					
Nominal GDP \$bn	727.3	861.0	1108.1	1119.7	1172.7
Real GDP %	-4.3	3.9	8.7	3.1	2.9
Current A/C % GDP	-3.1	5.1	13.8	10.0	9.7
Budget Balance % GDP	-10.8	-2.3	2.5	0.7	0.7
CPI %	3.4	3.1	2.5	3.0	2.5
Qatar					
Nominal GDP \$bn	144.4	179.6	211.8	227.3	228.8
Real GDP %	-3.6	1.5	4.5	2.7	3.0
Current A/C % GDP	-2.1	14.7	26.3	29.8	28.4
Budget Balance % GDP	-2.0	0.2	11.6	5.6	6.0
CPI %	-2.6	2.3	5.0	3.0	2.5
Kuwait					
Nominal GDP \$bn	105.7	135.9	173.7	170.7	177.6
Real GDP %	-8.9	1.4	8.0	2.4	2.7
Current A/C% GDP	4.6	27.5	30.2	19.6	21.3
Budget Balance % GDP	-33.2	-7.3	7.1	0.7	1.0
CPI %	2.1	3.4	4.0	3.0	2.0
Oman					
Nominal GDP \$bn	75.8	88.1	114.5	114.1	118.2
Real GDP %	-3.4	3.1	5.3	2.8	2.4
Current A/C % GDP	-16.2	-4.9	7.1	2.5	2.5
Budget Balance % GDP	-15.2	-3.6	4.0	1.7	1.3
CPI %	-0.9	1.6	2.8	2.5	2.0
Bahrain					
Nominal GDP \$bn	34.6	39.3	46.2	47.8	50.6
Real GDP %	-4.4	2.2	4.1	3.2	3.5
Current A/C % GDP	-9.4	6.6	14.4	13.0	14.3
Budget Balance % GDP	-12.8	-6.4	-0.6	-2.1	-1.0
CPI %	-2.3	-0.6	3.6	2.5	2.0
GCC (Nominal GDP weighted avg)					
Nominal GDP \$bn	480	566	729	737	775
Real GDP %	-4.7	3.4	7.8	3.2	3.2
Current A/C % GDP	-1.1	9.0	16.3	13.3	13.2
Budget Balance % GDP	-9.8	-1.0	5.6	2.5	2.5
CPI %	1.0	2.2	3.4	3.1	2.3

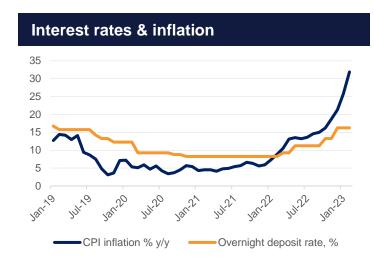
Source: Haver Analytics, National sources, Emirates NBD Research



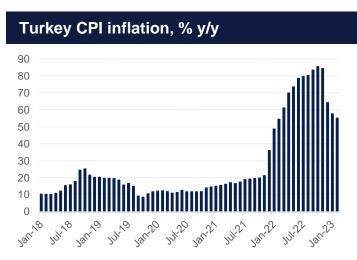
MENA in Pictures



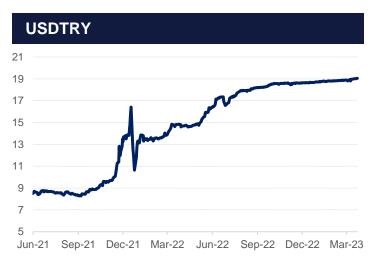
Source: Bloomberg, Emirates NBD Research



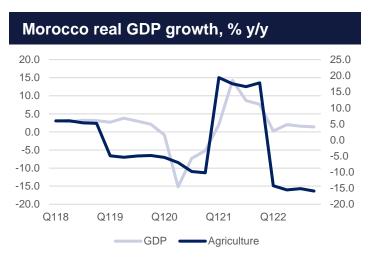
Source: IHS Markit, Emirates NBD Research



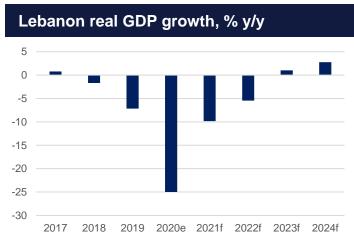
Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research



Source: Haver Analytics, Emirates NBD Research



Source: Haver Analytics, Emirates NBD Research



Key Economic Forecasts – Non-GCC Oil Importers

Egypt*	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	366.2	408.5	379.5	247.2	230.5
Real GDP %	3.6	3.3	6.6	3.5	4.1
Current A/C % GDP	-3.1	-4.9	-3.9	-3.2	-3.0
Budget Balance % GDP	-7.9	-7.3	-6.7	-6.8	-6.7
CPI %	5.1	5.2	13.8	23.1	9.0
Jordan	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	43.7	46.5	49.3	52.1	54.9
Real GDP %	-1.6	2.2	2.2	2.4	2.8
Current A/C % GDP	-5.7	-8.5	-7.3	-4.7	-4.8
Budget Balance % GDP	-7.7	-6.1	-6.5	-5.3	-4.5
CPI %	0.3	1.4	4.2	3.0	2.0
Lebanon	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	63.6	108.5	19.4	21.5	66.4
Real GDP %	-25.0	-9.8	-5.5	1.0	2.8
Current A/C % GDP	-4.7	-2.7	-13.7	-11.8	-11.0
Budget Balance % GDP	-4.3	1.3	1.5	0.8	0.2
CPI %	84.3	151.0	183.8	100.0	60.0
Morocco	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	121.4	142.9	136.2	144.4	159.2
Nominal GDP \$bn Real GDP %	121.4 -7.2	142.9 7.9	136.2 1.3	144.4 3.5	159.2 3.5
Real GDP %	-7.2	7.9	1.3	3.5	3.5
Real GDP % Current A/C % GDP	-7.2 -1.2	7.9 -2.3	1.3 -5.0	3.5 -4.0	3.5 -3.3
Real GDP % Current A/C % GDP Budget Balance % GDP	-7.2 -1.2 -7.1	7.9 -2.3 -5.0	1.3 -5.0 -5.5	3.5 -4.0 -5.3	3.5 -3.3 -5.0
Real GDP % Current A/C % GDP Budget Balance % GDP CPI %	-7.2 -1.2 -7.1 0.7	7.9 -2.3 -5.0 1.4	1.3 -5.0 -5.5 6.6	3.5 -4.0 -5.3 6.0	3.5 -3.3 -5.0 3.5
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia	-7.2 -1.2 -7.1 0.7 2020	7.9 -2.3 -5.0 1.4 2021	1.3 -5.0 -5.5 6.6 2022e	3.5 -4.0 -5.3 6.0 2023f	3.5 -3.3 -5.0 3.5 2024f
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn	-7.2 -1.2 -7.1 0.7 2020 39.3	7.9 -2.3 -5.0 1.4 2021 40.8	1.3 -5.0 -5.5 6.6 2022e 37.7	3.5 -4.0 -5.3 6.0 2023f 38.6	3.5 -3.3 -5.0 3.5 2024f 41.5
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP %	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6	7.9 -2.3 -5.0 1.4 2021 40.8 3.4	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP % Current A/C % GDP	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6 -6.5	7.9 -2.3 -5.0 1.4 2021 40.8 3.4 -7.0	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5 -11.7	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1 -8.4	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4 -7.5
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP % Current A/C % GDP Budget Balance % GDP	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6 -6.5	7.9 -2.3 -5.0 1.4 2021 40.8 3.4 -7.0 -8.6	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5 -11.7 -8.8	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1 -8.4 -9.2	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4 -7.5 -9.5
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP % Current A/C % GDP Budget Balance % GDP CPI %	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6 -6.5 -10.2 5.6	7.9 -2.3 -5.0 1.4 2021 40.8 3.4 -7.0 -8.6 5.7	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5 -11.7 -8.8 8.3	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1 -8.4 -9.2 8.1	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4 -7.5 -9.5 5.0
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Oil Importers (GDP weighted avg)	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6 -6.5 -10.2 5.6 2020	7.9 -2.3 -5.0 1.4 2021 40.8 3.4 -7.0 -8.6 5.7 2021	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5 -11.7 -8.8 8.3 2022e	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1 -8.4 -9.2 8.1 2023f	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4 -7.5 -9.5 5.0 2024f
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Oil Importers (GDP weighted avg) Nominal GDP \$bn	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6 -6.5 -10.2 5.6 2020 246.5	7.9 -2.3 -5.0 1.4 2021 40.8 3.4 -7.0 -8.6 5.7 2021	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5 -11.7 -8.8 8.3 2022e 268.2	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1 -8.4 -9.2 8.1 2023f 171.9	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4 -7.5 -9.5 5.0 2024f 158.6
Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Tunisia Nominal GDP \$bn Real GDP % Current A/C % GDP Budget Balance % GDP CPI % Oil Importers (GDP weighted avg) Nominal GDP \$bn Real GDP %	-7.2 -1.2 -7.1 0.7 2020 39.3 -8.6 -6.5 -10.2 5.6 2020 246.5 -2.5	7.9 -2.3 -5.0 1.4 2021 40.8 3.4 -7.0 -8.6 5.7 2021 271.5 2.2	1.3 -5.0 -5.5 6.6 2022e 37.7 2.5 -11.7 -8.8 8.3 2022e 268.2 4.5	3.5 -4.0 -5.3 6.0 2023f 38.6 1.1 -8.4 -9.2 8.1 2023f 171.9 3.1	3.5 -3.3 -5.0 3.5 2024f 41.5 3.4 -7.5 -9.5 5.0 2024f 158.6 3.6

Source: Haver Analytics, National sources, Emirates NBD Research

*Egypt data refers to fiscal year (July-June)



Key Economic Forecasts – Non-GCC Oil Exporters

Algeria	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	159.7	164.9	191.4	204.3	208.0
Real GDP %	-5.1	3.5	3.3	2.7	2.9
Current A/C % GDP	-10.7	-2.1	10.8	7.7	-2.7
Budget Balance % GDP	-10.3	-7.8	-1.8	-3.4	-7.6
CPI %	2.8	6.6	10.0	6.3	4.0
Iran	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	909.5	1335.6	1758.4	1980.6	1770.6
Real GDP %	3.4	4.5	4.0	3.0	2.5
Current A/C % GDP	-0.1	1.1	2.3	2.8	1.7
Budget Balance % GDP	-5.1	-3.7	-2.9	-2.6	-2.8
CPI %	35.9	40.2	44.0	35.0	25.0
Iraq	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	163.5	176.1	198.9	217.3	234.4
Real GDP %	-15.7	2.5	7.6	4.0	2.6
Current A/C% GDP	-3.8	14.1	23.4	13.9	5.1
Budget Balance % GDP	-10.1	-2.3	10.3	3.8	-1.8
CPI %	3.2	6.0	5.0	3.5	2.0
Libya	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	29.4	16.0	16.4	18.5	20.0
Real GDP %	-80.8	96.2	-2.2	9.4	3.9
Current A/C% GDP	-6.8	8.4	3.7	0.4	-3.7
Budget Balance % GDP	-18.0	6.5	14.6	15.7	9.0
CPI %	2.8	3.7	5.5	6.0	6.5
Oil Exporters (GDP weighted avg)	2020	2021	2022e	2023f	2024f
Nominal GDP \$bn	693.1	1085.7	1479.9	1678.7	1456.0
Real GDP %	-1.3	4.7	3.6	3.2	2.6
Current A/C % GDP	-2.1	1.4	3.3	3.5	2.8
Budget Balance % GDP	-6.0	-3.8	-2.1	-2.3	-2.5
CPI %	26.5	32.5	37.0	29.9	21.1

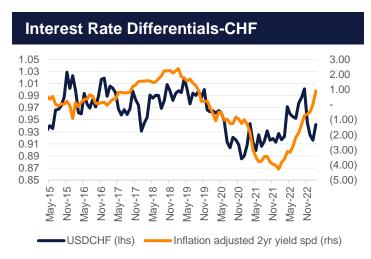
Source: Haver Analytics, National sources, Emirates NBD Research



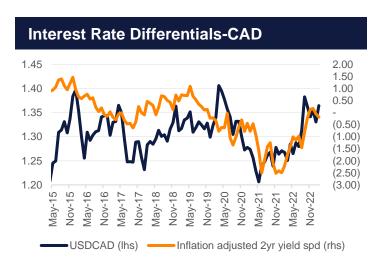
FX-Major Currency Pairs & Real Interest Rates



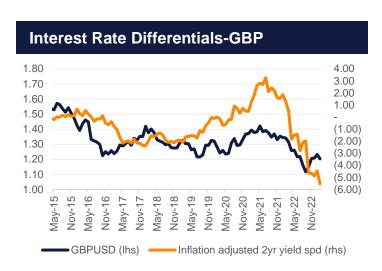
Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research





FX Forecasts

FX Forecasts - Major										Forwards	
	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	3m	6m	12m
EUR / USD	1.0827	1.09	1.12	1.13	1.14	1.18	1.20	1.20	1.0846	1.0925	1.0988
USD / JPY	130.29	130.00	128.00	125.00	125.00	122.00	120.00	120.00	129.69	126.92	123.99
USD / CHF	0.9174	0.92	0.91	0.90	0.90	0.89	0.97	0.85	0.9143	0.9010	0.8896
GBP / USD	1.2278	1.22	1.24	1.24	1.25	1.26	1.28	1.28	1.2286	1.2305	1.2299
AUD / USD	0.6681	0.67	0.70	0.72	0.74	0.75	0.77	0.80	0.6689	0.6722	0.6745
NZD / USD	0.6232	0.63	0.65	0.68	0.70	0.72	0.72	0.74	0.6232	0.6222	0.6195
USD / CAD	1.3725	1.37	1.35	1.30	1.28	1.25	1.22	1.20	1.3719	1.3684	1.3650
EUR / GBP	0.8818	0.89	0.90	0.91	0.91	0.94	0.94	0.94	0.8828	0.8878	0.8934
EUR / JPY	141.06	141.70	143.36	141.25	142.50	143.96	144.00	144.00	140.66	138.66	136.24
EUR / CHF	0.9933	1.00	1.02	1.02	1.03	1.05	1.16	1.02	0.9916	0.9843	0.9775
		F	X Forecast	ts - Emerg	ing						
	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	3m	6m	12m
USD/SAR	3.7564	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.7590	3.7609	3.7649
USD/AED	3.6724	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.6730	3.6734	3.6740
USD/KWD	0.3060	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.3048	0.3041	0.3034
USD/OMR	0.3850	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.3854	0.3858	0.3868
USD/BHD	0.3772	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.3778	0.3783	0.3792
USD/QAR	3.6693	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.6667	3.6719	3.6781
USD/INR	82.2438	82.20	82.00	81.50	81.25	80.00	80.00	80.00	82.7900	83.2900	84.3100
USD/CNY	6.8514	6.80	6.80	7.00	7.00	7.00	6.90	6.80	6.7973	6.7590	6.7042
USD/SGD	1.3284	1.32	1.30	1.30	1.29	1.28	1.28	1.27	1.3245	1.3196	1.3116

Data as of 24 Mar 2023



Financial markets













Source: Bloomberg, Emirates NBD Research. Note: rebased 1yr equity market performance.



Interest Rate Forecasts

								Dec-24
3.79	4.00	4.20	4.00	3.85	3.50	3.30	3.00	2.85
3.38	3.60	3.85	3.65	3.50	3.30	3.30	3.25	3.00
2.52	2.60	2.75	2.25	2.00	1.75	1.50	1.25	1.25
2.19	2.30	2.50	2.00	1.80	1.80	1.75	1.50	1.50
3.28	3.60	3.50	3.25	3.00	2.75	2.50	2.50	2.25
3.36	3.40	3.40	3.30	3.25	3.10	3.00	2.75	2.50
-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.28	0.50	0.50	0.50	0.50	0.60	0.60	0.60	0.75
	2.52 2.19 3.28 3.36	3.38 3.60 2.52 2.60 2.19 2.30 3.28 3.60 3.36 3.40 -0.07 0.00	3.38 3.60 3.85 2.52 2.60 2.75 2.19 2.30 2.50 3.28 3.60 3.50 3.36 3.40 3.40 -0.07 0.00 0.00	3.38 3.60 3.85 3.65 2.52 2.60 2.75 2.25 2.19 2.30 2.50 2.00 3.28 3.60 3.50 3.25 3.36 3.40 3.40 3.30 -0.07 0.00 0.00 0.00	3.38 3.60 3.85 3.65 3.50 2.52 2.60 2.75 2.25 2.00 2.19 2.30 2.50 2.00 1.80 3.28 3.60 3.50 3.25 3.00 3.36 3.40 3.40 3.30 3.25 -0.07 0.00 0.00 0.00 0.00 0.00	3.38 3.60 3.85 3.65 3.50 3.30 2.52 2.60 2.75 2.25 2.00 1.75 2.19 2.30 2.50 2.00 1.80 1.80 3.28 3.60 3.50 3.25 3.00 2.75 3.36 3.40 3.40 3.30 3.25 3.10 -0.07 0.00 0.00 0.00 0.00 0.00 0.00	3.38 3.60 3.85 3.65 3.50 3.30 3.30 2.52 2.60 2.75 2.25 2.00 1.75 1.50 2.19 2.30 2.50 2.00 1.80 1.80 1.75 3.28 3.60 3.50 3.25 3.00 2.75 2.50 3.36 3.40 3.40 3.30 3.25 3.10 3.00 -0.07 0.00 0.00 0.00 0.00 0.00 0.00 0.00	3.38 3.60 3.85 3.65 3.50 3.30 3.30 3.25 2.52 2.60 2.75 2.25 2.00 1.75 1.50 1.25 2.19 2.30 2.50 2.00 1.80 1.80 1.75 1.50 3.28 3.60 3.50 3.25 3.00 2.75 2.50 2.50 3.36 3.40 3.40 3.30 3.25 3.10 3.00 2.75 -0.07 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Interbank market	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24
SOFR	4.55	4.80	5.05	5.05	5.05	4.80	4.55	4.55	4.30
SOFR 3M	4.90	5.09	5.34	5.34	5.34	5.09	4.84	4.84	4.59
AED 3M EIBOR	5.02	4.81	5.06	5.06	5.06	4.81	4.56	4.56	4.31

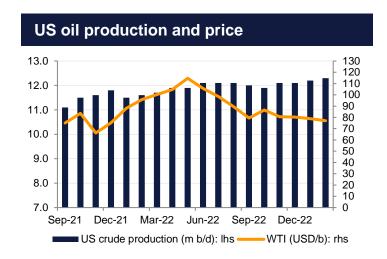
Policy rates	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24
Fed Funds target rate (upper bound)	5.00	5.00	5.25	5.25	5.25	5.00	4.75	4.75	4.50
ECB (Deposit Rate)	3.00	3.00	3.50	3.50	3.25	3.00	2.75	2.50	2.50
BoE (Bank Rate)	4.25	4.25	4.50	4.50	4.25	4.00	3.75	3.50	3.25
BoJ (Policy Balance Rate)	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
SNB (Policy Rate)	1.50	1.50	1.50	1.75	1.75	1.75	1.75	1.75	1.75
RBA (Cash Target Rate)	3.60	3.60	3.85	3.85	3.85	3.85	3.85	3.85	3.85
RBI (Repo Rate)	6.50	6.50	6.50	6.75	6.75	6.75	6.75	6.75	6.75
SCB (Reverse Repo)	5.00	5.00	5.25	5.25	5.25	5.00	4.75	4.75	4.50
CBUAE (Base Rate)	4.90	4.90	5.15	5.15	5.15	4.90	4.65	4.65	4.40
CBK (Discount Rate)	4.00	4.00	4.25	4.25	4.25	4.00	3.75	3.75	3.50
CBB (O/N Deposit Rate)	5.50	5.50	5.75	5.75	5.75	5.50	5.25	5.25	5.00
CBO (O/N Repo Rate)	3.00	5.50	5.75	5.75	5.75	5.50	5.25	5.25	5.00
CBE (O/N Deposit Rate)	16.25	19.25	20.25	20.25	20.25	19.25	18.25	17.25	16.00

Source: Bloomberg, Emirates NBD Research

As of 24 Mar 2023



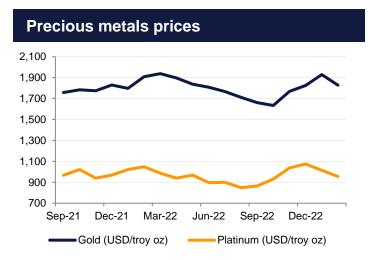
Major Commodities Markets



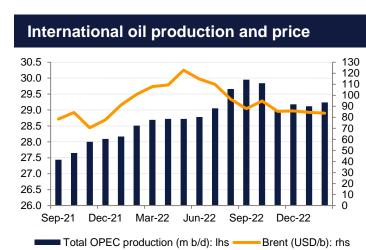
Source: Bloomberg, Emirates NBD Research



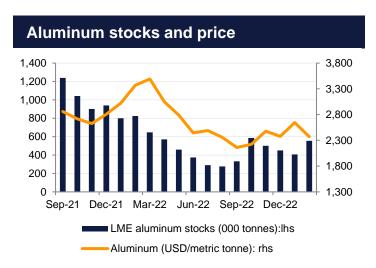
Source: Bloomberg, Emirates NBD Research



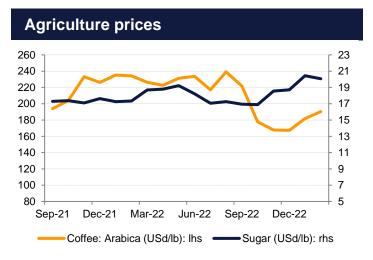
Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research



Source: Bloomberg, Emirates NBD Research





Commodity Forecasts

Energy Commodity Forecasts													
	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24					
Brent: USD / b	75.86	83.00	85.00	90.00	95.00	110.00	110.00	100.00					
WTI: USD / b	69.92	77.00	80.00	85.00	90.00	100.00	100.00	90.00					
		Pr	ecious Me	tals Foreca	sts								
	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24					
Gold: USD / troy oz	1,987.14	1,825.00	1,850.00	1,875.00	1,900.00	1,950.00	2,000.00	2,000.00					
Silver: USD / troy oz	22.98	22.00	23.00	24.00	24.50	25.00	25.00	26.00					
Platinum: USD / troy oz	985.93	950.00	990.00	1,000.00	1,050.00	1,050.00	1,075.00	1,100.00					
Palladium: USD /troy oz	1,424.69	1,800.00	1,900.00	2,025.00	2,150.00	2,100.00	2,200.00	2,300.00					
		Inc	dustrial Me	tals Foreca	asts								
	24-Mar-23	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24					
Aluminium: USD / tonne	2,326.00	2,250.00	2,100.00	2,000.00	2,100.00	2,200.00	2,400.00	2,500.00					
Copper: USD / tonne	9,031.00	8,000.00	8,000.00	8,250.00	8,500.00	9,000.00	9,000.00	9,250.00					
Lead: USD / tonne	2,126.00	2,092.52	2,092.52	2,125.22	2,157.42	2,220.87	2,220.87	2,251.72					
Nickel: USD / tonne	22,517.00	23,000.00	23,000.00	22,500.00	22,000.00	23,000.00	24,000.00	24,000.00					
Tin: USD / tonne	24,348.00	20,000.00	21,000.00	23,000.00	24,000.00	24,000.00	24,000.00	24,000.00					
Zinc: USD / tonne	2,907.00	2,984.59	2,984.59	3,077.86	3,171.13	3,357.67	3,357.67	3,450.94					

Prices as of 24 Mar 2023. Note: prices are average of time period unless indicated otherwise.



Disclaimer

PLEASE READ THE FOLLOWING TERMS AND CONDITIONS OF ACCESS FOR THE PUBLICATION BEFORE THE USE THEREOF. By continuing to access and use the publication, you signify you accept these terms and conditions. Emirates NBD reserves the right to amend, remove, or add to the publication and Disclaimer at any time. Such modifications shall be effective immediately. Accordingly, please continue to review this Disclaimer whenever accessing, or using the publication. Your access of, and use of the publication, after modifications to the Disclaimer will constitute your acceptance of the terms and conditions of use of the publication, as modified. If, at any time, you do not wish to accept the content of this Disclaimer, you may not access, or use the publication. Any terms and conditions proposed by you which are in addition to or which conflict with this Disclaimer are expressly rejected by Emirates NBD and shall be of no force or effect. Information contained herein is believed by Emirates NBD to be accurate and true but Emirates NBD expresses no representation or warranty of such accuracy and accepts no responsibility whatsoever for any loss or damage caused by any act or omission taken as a result of the information contained in the publication. The publication is provided for informational uses only and is not intended for trading purposes. Charts, graphs and related data/information provided herein are intended to serve for illustrative purposes. The data/information contained in the publication is not designed to initiate or conclude any transaction. In addition, the data/information contained in the publication is prepared as of a particular date and time and will not reflect subsequent changes in the market or changes in any other factors relevant to their determination. The publication is prepared as of a particular date and time and will not reflect subsequent changes in the market or changes in any other factors relevant to their determination. The publication may include data/information contained in the publicati

None of the content in the publication constitutes a solicitation, offer or recommendation by Emirates NBD to buy or sell any security, or represents the provision by Emirates NBD of investment advice or services regarding the profitability or suitability of any security or investment. Moreover, the content of the publication should not be considered legal, tax, accounting advice. The publication is not intended for use by, or distribution to, any person or entity in any jurisdiction or country where such use or distribution would be contrary to law or regulation. Accordingly, anything to the contrary herein set forth notwithstanding, Emirates NBD, its suppliers, agents, directors, officers, employees, representatives, successors, assigns, affiliates or subsidiaries shall not, directly or indirectly, be liable, in any way, to you or any other person for any: (a) inaccuracies or errors in or omissions from the publication including, but not limited to any investment decision occasioned thereby. (c) UNDER NO CIRCUMSTANCES, INCLUDING BUT NOT LIMITED TO NEGLIGENCE, SHALL EMIRATES NBD, ITS SUPPLIERS, AGENTS, DIRECTORS, OFFICERS, EMPLOYEES, REPRESENTATIVES, SUCCESSORS, ASSIGNS, AFFILIATES OR SUBSIDIARIES BE LIABLE TO YOU FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES EVEN IF EMIRATES NBD HAS BEEN ADVISED SPECIFICALLY OF THE POSSIBILITY OF SUCH DAMAGES, ARISING FROM THE USE OF THE PUBLICATION, INCLUDING BUT NOT LIMITED TO, LOSS OF REVENUE, OPPORTUNITY, OR ANTICIPATED PROFITS OR LOST BUSINESS. The information contained in the publication does not purport to contain all matters relevant to any particular investment or financial instrument and all statements as to future matters are not guaranteed to be accurate. Anyone proposing to rely on or use the information contained in the publication should independently verify and check the accuracy, completeness, reliability and suitability of the information and should obtain independent and specific advice from appropriate professionals or expe

Emirates NBD and its group entities (together and separately, "Emirates NBD") does and may at any time solicit or provide commercial banking, investment banking, credit, advisory or other services to the companies covered in its reports. As a result, recipients of this report should be aware that any or all of the foregoing services may at times give rise to a conflict of interest that could affect the objectivity of this report. The securities covered by this report may not be suitable for all types of investors. The report does not take into account the investment objectives, financial situations and specific needs of recipients.

Data included in the publication may rely on models that do not reflect or take into account all potentially significant factors such as market risk, liquidity risk and credit risk. Emirates NBD may use different models, make valuation adjustments, or use different methodologies when determining prices at which Emirates NBD is willing to trade financial instruments and/or when valuing its own inventory positions for its books and records. In receiving the publication, you acknowledge and agree that there are risks associated with investment activities. Moreover, you acknowledge in receiving the publication that the responsibility to obtain and carefully read and understand the content of documents relating to any investment activity described in the publication and to seek separate, independent financial advice if required to assess whether a particular investment activity described herein is suitable, lies exclusively with you. You acknowledge and agree that past investment performance is not indicative of the future performance results of any investment and that the information contained herein is not to be used as an indication for the future performance of any investment activity. You acknowledge that the publication has been developed, compiled, prepared, revised, selected, and arranged by Emirates NBD and others (including certain other information sources) through the application of methods and standards of judgment developed and applied through the expenditure of substantial time, effort, and money and constitutes valuable intellectual property of Emirates NBD and such others. All present and future rights in and to trade secrets, patents, copyrights, trademarks, service marks, know-how, and other proprietary rights of any type under the laws of any governmental authority, domestic or foreign, shall, as between you and Emirates NBD, at all times be and remain the sole and exclusive property of Emirates NBD and/or other lawful partices. Except as specifically permitted in writing, you acknowledge and agr

YOU AGREE TO USE THE PUBLICATION SOLELY FOR YOUR OWN NONCOMMERCIAL USE AND BENEFIT, AND NOT FOR RESALE OR OTHER TRANSFER OR DISPOSITION TO, OR USE BY OR FOR THE BENEFIT OF, ANY OTHER PERSON OR ENTITY. YOU AGREE NOT TO USE, TRANSFER, DISTRIBUTE, OR DISPOSE OF ANY DATA/INFORMATION CONTAINED IN THE PUBLICATION IN ANY MANNER THAT COULD COMPETE WITH THE BUSINESS INTERESTS OF EMIRATES NBD. YOU MAY NOT COPY, REPRODUCE, PUBLISH, DISPLAY, MODIFY, OR CREATE DERIVATIVE WORKS FROM ANY DATA/INFORMATION CONTAINED IN THE PUBLICATION. YOU MAY NOT OFFER ANY PART OF THE PUBLICATION FOR SALE OR DISTRIBUTE IT OVER ANY MEDIUM WITHOUT THE PRIOR WRITTEN CONSENT OF EMIRATES NBD. THE DATA/INFORMATION CONTAINED IN THE PUBLICATION MAY NOT BE USED TO CONSTRUCT A DATABASE OF ANY KIND. YOU MAY NOT USE THE DATA/INFORMATION IN THE PUBLICATION IN ANY WAY TO IMPROVE THE QUALITY OF ANY DATA SOLD OR CONTRIBUTED TO BY YOU TO ANY THIRD PARTY. FURTHERMORE, YOU MAY NOT USE ANY OF THE TRADEMARKS, TRADE NAMES, SERVICE MARKS, COPYRIGHTS, OR LOGOS OF EMIRATES NBD OR ITS SUBSIDIARIES IN ANY MANNER WHICH CREATES THE IMPRESSION THAT SUCH ITEMS BELONG TO OR ARE ASSOCIATED WITH YOU OR, EXCEPT AS OTHERWISE PROVIDED WITH EMIRATES NBD'S PRIOR WRITTEN CONSENT, AND YOU ACKNOWLEDGE THAT YOU HAVE NO OWNERSHIP RIGHTS IN AND TO ANY OF SUCH ITEMS. MOREOVER YOU AGREE THAT YOUR USE OF THE PUBLICATION IS AT YOUR SOLE RISK AND ACKNOWLEDGE THAT THE PUBLICATION AND ANYTHING CONTAINED HEREIN, IS PROVIDED "AS IS" AND "AS AVAILABLE," AND THAT EMIRATES NBD MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AS TO THE PUBLICATION, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, NON-INFRINGEMENT, TITLE, OR FITNESS FOR A PARTICULAR PURPOSE OR USE. You agree, at your own expense, to indemnify, defend and hold harmless Emirates NBD, its Suppliers, agents, directors, officers, employees, representatives, successors, and assigns from and against any and all claims, damages, liabilities, costs, and expenses, including reasonable attorneys' and experts' fees, arising out of or in connection with the publication, including, but not limited to: (i) your use of the data contained in the publication or someone using such data on your behalf; (ii) any deletions, additions, insertions or alterations to, or any unauthorized use of, the data contained in the publication or (iii) any misrepresentation or breach of an acknowledgement or agreement made as a result of your receiving the publication.



Emirates NBD Research & Treasury Contact List

Emirates NBD Head Office 12thFloor Baniyas Road, Deira P.OBox777 Dubai

Aazar Ali Khwaja

Senior Executive Vice President Global Markets & Treasury +971 4 609 3000 aazark@emiratersnbd.com Khatija Haque

Head of Research & Chief Economist +9714 609 3003

khatijah@emiratesnbd.com

Research

Edward Bell

Senior Director, Market Economics +9714 230 7701 edwardpb@emiratesnbd.com **Daniel Richards**

MENA Economist +9714 609 3032

danielricha@emiratesnbd.com

Jamal Mattar

Research Analyst +9714 444 3607 jamaly@emiratesnbd.com

Sales & Structuring

Group Head - Treasury Sales

Tariq Chaudhary +971 4 230 7777 tariqmc@emiratesnbd.com

London Sales

Carlo de Vos +44 (0) 207 838 2279 devosc@emiratesnbd.com Saudi Arabia Sales

Abdulazeez Adm AlSomali +966 11 282 5623 abdulazeezso@emiratesnbd.com

Egypt Sales

Ahmad Okasha +202 2726 5934 aokasha@emiratesnbd.com Singapore Sales

Shivakumar Srinivasan +65 6578 5620 shivakumars@emiratesnbd.com

India Sales

Ashish Pahuja +91 22 6813 6202 ashishpa@emiratesnbd.com

Emirates NBD Capital

Hitesh Asarpota

Head of Debt Capital Markets. +971 50 4529515 asarpotah@emiratesnbd.com

Investor Relations

Patrick Clerkin

+9714 230 7805 patricke@emiratesnbd.com **Group Corporate Affairs**

Ibrahim Sowaidan

+9714 609 4113 ibrahims@emiratesnbd.com

Claire Andrea +9714 609 4143 clairea@emiratesnbd.com