

December 2022

Global & GCC **Capital Markets** Review

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GCC Asset Class Monthly Performance

2021	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	YTD 2022
Abu Dhabi Equity (ADI) 68.2%	KSA Equity (TASI) 8.8%	Abu Dhabi Equity (ADI) 7.1%	Abu Dhabi Equity (ADI) 6.8%	Dubai Equity (DFMGI) 5.5%	GCC Bonds (S&P Index) 0.2%	GCC Bonds (S&P Index) -3.0%	Qatar Equity (QE Index) 9.7%	Dubai Equity (DFMGI) 3.2%	Abu Dhabi Equity (ADI) -1.3%	Abu Dhabi Equity (ADI) 6.8%	GCC Bonds (S&P Index) 5.3%	Abu Dhabi Equity (ADI) 24.3%
GCC Equity (S&P GCC) 31.4%	Qatar Equity (QE Index) 7.5%		Kuwait Equity (All Share PR) 6.7%	KSA Equity (TASI) 4.9%	Abu Dhabi Equity (ADI) -0.3%	Dubai Equity (DFMGI) -3.7%	KSA Equity (TASI) 5.9%	Abu Dhabi Equity (ADI) 2.2%	Dubai Equity (DFMGI) -3.0%	GCC Equity (S&P GCC) 2.3%		Kuwait Equity (All Share PR) 7.7%
KSA Equity (TASI) 29.8%		Kuwait Equity (All Share PR) 3.9%	Dubai Equity (DFMGI) 5.1%	SCC Equity (S&P GCC) 2.8%	Qatar Equity (QE Index) -4.9%	Kuwait Equity (All Share PR) -5.3%		KSA Equity (TASI) 0.7%	Qatar Equity (QE Index) -5.4%	KSA Equity (TASI) 2.3%	Abu Dhabi Equity (ADI) 1.3%	Dubai Equity (DFMGI) 4.0%
Dubai Equity (DFMGI) 28.2%	Kuwait Equity (All Share PR) 4.4%	Qatar Equity (QE Index) 3.6%		Kuwait Equity (All Share PR) 2.6%		Qatar Equity (QE Index) -5.6%	Kuy ait Equity (All Share PR) 4.2%	' '	(S&P Ingex) -6.6%	Kuwait Equity (All Share PR) 0.0%	Dubai Equity (DI MGI) -0.2%	Qatar Equity (QE Index) 2.6%
Kuwait Equity (All Share PR) 27.0%		GCC Equity (S&P GCC) 3.2%	Qatar Equity (QE Index) 4.5%	Abu Dhabi Equity (ADI) 1.3%	Kuwa't Equity (All Share PR) -6.4%		GCC Bonds (S&P Index) 3.6%	Qatar Equity (QE Index) 0.4%	GCC Equity (S&P GCC) -7.0%	Dubai Equity (DFMGI) -0.2%	GCC Equity (S&P GCC) -3.9%	GCC Equity (S&P GCC) -2.6%
Qatar Equity (QE Index) 11.4%	Dubai Equity (DFMGI) 0.2%	KSA Equity (TASI) 2.6%	KSA Equity (TASI) 4.0%	Qatar Equity (QE Index) 0.4%	GCC Equity (S&P GCC) -7.0%	GCC Equity (S&P GCC) -9.7%	Dubai Equity (DFMGI) 3.6%	Kuwait Equity (All Share PR) -0.1%		GCC Bonds (S&P Index) -2.1%	Qatar Equity (QE Index) -3.9%	KSA Equity (TASI) -3.4%
GCC Bonds (S&P Index) 0.1%	GCC Bonds (S&P Index) -2.6%	GCC Bonds (S&P Index) -1.8%	GCC Bonds (S&P Index) -1.8%	GCC Bonds (S&P Index) -4.4%	Dubai Equity (DFMGI) -10.0%	KSA Equity (TASI) -10.8%	Abu Dhabi Equity (ADI) 3.1%	GCC Bonds (S&P Index) -1.7%	Kuwait Equity (All Share PR) -7.8%	Qatar Equity (QE Index) -2.2%	KSA Equity (TASI) -6.6%	GCC Bonds (S&P Index) -14.5%



Global Asset Class Monthly Performance

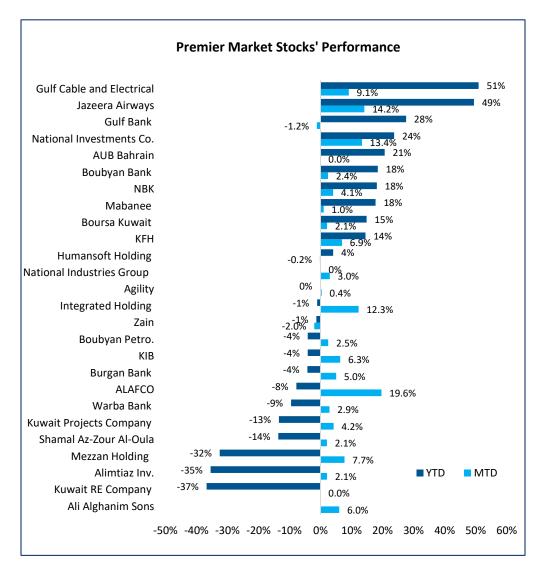
2021	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	YTD 2022
Crypto (Bitcoin) 59.8%	Oil (Brent) 17.3%	Oil (Brent) 10.7%	Crypto (Bitcoin) 9.9%	Oil (Brent) 1.3%	Oil (Brent) 12.3%	US Bonds (US Agg. Index) -1.7%	Crypto (Bitcoin) 26.4%	EM Equity (MSCI EM) 0.0%	Crypto (Bitcoin) -3.9%	US Equity (S&P 500) 8.0%	EM Equity (MSCI EM) 14.6%	Oil (Brent) 9.8%
Oil (Brent) 50.2%	EM Equity (MSCI EM) -1.9%	Crypto (Bitcoin) 8.4%	Oil (Brent) 6.9%	US Bonds (US Agg. Index) -3.9%	US Bonds (US Agg. Index) 0.6%	EM Bonds (JPMC EMBI) -6.5%	US Equity (S&P 500) 9.1%	EM Bonds (JPMC EMBI) -3.1%	US Bonds (US Agg. Index) -4.3%	Oil (Brent) 7.8%	EM Bonds (JPMC EMBI) 9.5%	US Bonds (US Agg. Index) -13.8%
US Equity (S&P 500) 26.9%	US Bonds (US Agg. Index) -2.0%	US Bonds (US Agg. Index) -1.3%	US Equity (S&P 500) 3.6%	EM Equity (MSCI EM) -5.7%	EM Bonds (JPMC EMBI) 0.4%	Oil (Brent) -6.5%	DM Equity (MSCI World) 7.9%	US Bonds (US Agg. Index) -3.2%	EM Bonds (JPMC EMBI) -6.9%	DM Equity (MSCI World) 7.1%	DM Equity (MSCI World) 6.8%	US Equity (S&P 500) -14.4%
DM Equity (MSCI World) 20.1%	EM Bonds (JPMC EMBI) -3.4%	DM Equity (MSCI World) -2.7%	DM Equity (MSCI World)	EM Bonds (JPMC EMBI) -7.0%	EM Equity (MSCI EM) 0.1%	EM Equity (MSCI EM) -7.1%	EM Bonds (JPNIC EMBI) 3.2%	US Equity (S&P 500) -4.2%	Oil (Brent) -8.8%	Cr pto (Bitcoin) 5.1%	US Equity (S&P 500) 5.4%	DM Equity (MSCI World) -15.8%
US Bonds (US Agg. Index) -3.5%	US Equity (S&P 500) -5.3%	EM Equity (MSCI EM) -3.1%	EM Bonds (JPMC EMBI) -1.5%	DM Equity (MSCI World) -8.4%	US Equity (S&P 500) 0.0%	US Equity (S&P 500) -8.4%	US Bonds (US Agg. Index) 2.4%	DM Equity (MSCI World) -4.3%	US Equity (S&P 500) -9.3%	EM Bonds (JPMC EMBI) -0.6%	US Bonds (US Agg. Index) 3.6%	EM Bonds (JPMC EMBI) -20.8%
EM Equity (MSCI EM) -4.6%	DM Equity (MSCI World) -5.3%	US Equity (S&P 500) -3.1%	EM Equity (MSCI EM) -2.5%	US Equity (S&P 500) -8.8%	DM Equity (MSCI World) -0.2%	DM Equity (MSCI World) -8.8%	EM Equity (MSCI EM) -0.7%	Oil (Brent) -12.3%	DM Equity (MSCI World) -9 7%	US Bonds (US Agg. Index) -1.5%	Oil (Brent) -9.9%	EM Equity (MSCI EM) -21.1%
EM Bonds (JPMC EMBI) -5.9%	Crypto (Bitcoin) -17.0%	EM Bonds (JPMC EMBI) -5.9%	US Bonds (US Agg. Index) -3.0%	Crypto (Bitcoin) -16.3%	Crypto (Bitcoin) -17.0%	Crypto (Bitcoin) -41.1%	Oil (Brent) -4.2%	Crypto (Bitcoin) -14.7%	EM Equity (MSCI EM) -11.9%	EM Equity (MSCI EM) -3.2%	Crypto (Bitcoin) -16.3%	Crypto (Bitcoin) -63.1%



Equities - Kuwait

	Market Performance & Key Metrics									
Kuwait Index	Mkt. Cap.		Returns		P/E TTM	ADVT (USD				
	(USD Bn.)	n.) Nov-22 YTD 5 Yr C		5 Yr CAGR	(x)	Mn.)				
All Share Index	160	3.6%	7.7%	9.6%	19.3	173				
Premier Market Index	128	3.7%	11.2%	12.3%	21.8	128				
Main Market Index	32	3.5%	-3.5%	3.7%	13.0	45				
Main Market 50	17	3.2%	-4.6%	-	13.9	38				

Sectoral Performance & Key Metrics									
Sector	Mkt. Cap.	Ret	urns	P/E TTM (x)	ADVT (USD				
Jector .	(USD Bn.)	Nov-22	YTD	- F/E 111VI (X)	Mn.)				
Banks	101.6	4.1%	14.9%	24.7	81.1				
Basic Materials	2.5	3.0%	-14.0%	8.0	1.6				
Consumer Staples	0.5	7.4%	-33.2%	-	1.6				
Consumer Discretionary	-	5.9%	10.7%	-	5.2				
Energy	0.7	6.9%	-23.6%	11.0	0.3				
Financial Services	13.7	4.5%	-6.4%	11.7	38.3				
Healthcare	-	-5.7%	-43.0%	14.3	0.0				
Industrials	13.0	2.8%	-0.5%	20.4	19.0				
Insurance	2.0	1.2%	0.7%	8.8	0.3				
Real Estate	8.9	4.3%	-3.4%	16.6	12.9				
Technology	0.0	26.5%	12.8%	-	0.0				
Telecom	12.1	0.2%	11.5%	13.0	12.7				
Utilities	-	2.1%	-13.6%	-	0.4				



Source: Refinitiv; Note: Ali Alghanim Sons was listed this year. Hence YTD is not shown.



Equities – GCC & Emerging Markets

Market Performance & Key Metrics										
Market	Mkt. Cap.	ct. Cap.				ADVT (USD				
	(USD Bn.)	Nov-22	YTD	5 Yr CAGR	P/E TTM (x)	Mn.)				
GCC (S&P GCC)	719	-3.9%	-2.6%	8.8%	14.8	-				
Saudi (TASI)	420	-6.6%	-3.4%	9.2%	16.5	1,351				
Abu Dhabi (ADI)	161	1.3%	24.3%	19.8%	19.0	504				
Qatar(QE Index)	87	-3.9%	2.6%	9.6%	13.3	173				
Dubai (DFMGI)	38	-0.2%	4.0%	-0.6%	8.9	86				

	Market Performance & Key Metrics									
Market	Market Cap.		P/E TTM							
Market	(USD Bn.)	Nov-22	YTD	5 Yr CAGR	P/E I I IVI					
MSCI Emerging Market Index	5,560	14.6%	-21.1%	-2.8%	11.1					
China	6,475	8.9%	-13.4%	-1.0%	13.8					
India	1,677	4.1%	8.1%	12.9%	26.3					
Taiwan	1,496	14.9%	-18.3%	7.1%	12.0					
Brazil	642	-3.1%	7.3%	9.3%	6.2					

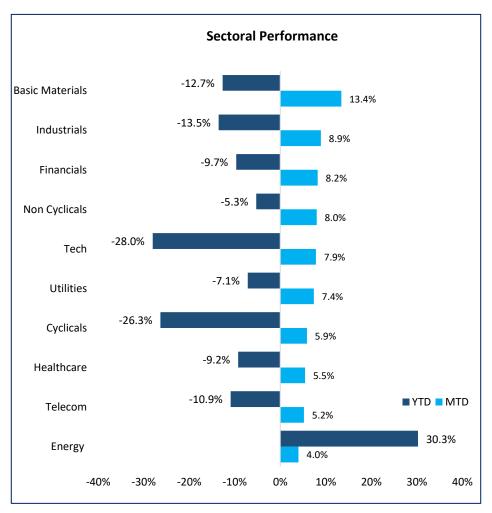
Performance of S&P GCC Total Return Index									
	2017	2018	2019	2020	2021	2022			
Jan	1.6%	5.2%	6.9%	-0.8%	2.0%	7.0%			
Feb	-0.7%	-2.3%	-0.7%	-7.1%	3.2%	3.4%			
Mar	0.0%	4.8%	4.1%	-16.7%	7.6%	5.5%			
Apr	0.5%	3.9%	5.5%	9.7%	5.0%	3.4%			
May	-1.1%	-0.1%	-5.4%	1.4%	1.8%	-6.9%			
Jun	3.3%	1.2%	2.5%	1.7%	3.1%	-9.6%			
Jul	0.0%	2.7%	1.5%	1.8%	1.4%	6.1%			
Aug	1.1%	-2.3%	-5.7%	6.2%	3.8%	0.9%			
Sep	-0.6%	0.3%	-0.6%	2.6%	1.6%	-6.8%			
Oct	-2.7%	0.1%	-2.5%	-2.7%	2.4%	2.4%			
Nov	-1.5%	-2.0%	1.3%	8.3%	-5.0%	-3.8%			
Dec	3.5%	0.7%	5.9%	0.7%	4.0%	-			
Yearly Returns	3.4%	12.7%	12.5%	2.1%	35.2%	-0.2%			
\$1 invested in 2017	1.03	1.16	1.31	1.34	1.81	1.81			



Equities – Developed Markets

Market Performance & Key Metrics								
Market	Market Cap.		Returns		P/E TTM			
. The state of the	(USD Bn.)	Nov-22	YTD	5 Yr CAGR	1/211111			
MSCI World	48,997	6.8%	-15.8%	5.5%	17.4			
U.S.A.	34,879	5.4%	-14.4%	9.0%	19.8			
Japan	5,235	2.9%	-0.3%	2.1%	12.4			
U.K	2,502	6.7%	2.6%	0.7%	11.1			
Canada	2,364	5.3%	-3.6%	4.9%	12.7			
France	2,299	7.5%	-5.8%	4.6%	11.0			
Germany	1,496	8.6%	-9.4%	2.0%	13.5			

Key US Stocks Performance & Key Metrics								
Company	Market Cap.		Returns					
Company	(USD Bn.)	Nov-22	YTD	5 Yr CAGR	P/E TTM			
Facebook	313	26.8%	-64.9%	-7.8%	11.3			
Amazon	985	-5.8%	-42.1%	10.4%	89.1			
Apple	2,355	-3.5%	-16.6%	28.1%	24.3			
Netflix	136	4.7%	-49.3%	10.2%	28.8			
Alphabet (Google)	1,310	6.9%	-30.3%	14.3%	20.4			





Fixed Income – GCC & Developed Markets

Performance of Key 10-Year Bonds									
Issuer, Maturity Year	YTM (%)	Nov Price Returns (in %)	YTD Price Returns (in %)						
Kuwait Sov, 2027	4.3	1.3%	-11.3%						
KSA Sov, 2029	4.5	4.4%	-13.3%						
Qatar Sov, 2029	4.2	4.4%	-12.1%						
Abu Dhabi Sov, 2029	4.1	4.7%	-13.2%						
Aramco, 2031	4.9	5.4%	-15.2%						

10Y Sovereign Yields								
Market	YTM (%)	Spread over 10Y UST						
Market	1 1 IVI (70)	Current	1M ago	1Y ago				
Saudi Arabia	4.65	95	108	96				
Abu-Dhabi	4.20	50	72	72				
Kuwait	4.35	65	59	40				
Qatar	4.49	78	96	80				

5Y CDS Spreads								
Market	Current	2021	52 - Week					
Warket	Current	2021	High	Low				
Saudi Arabia	60.1	52.5	79.2	47.6				
Abu-Dhabi	46.7	44.6	71.1	44.5				
Dubai	95.0	92.1	141.7	92.1				
Kuwait	39.7	44.9	66.9	38.9				
Qatar	47.2	45.6	73.1	42.6				

10Y Sovereign Yields					
Market	Current	Spread over 10Y UST			
Warket		Current	1M ago	1Y ago	
U.S.A	3.70	0	0	0	
UK	3.16	-54	-55	-63	
Germany	1.94	-176	-193	-178	
Japan	0.25	-345	-384	-138	
Canada	2.94	-77	-83	13	
France	2.41	-129	-139	-143	

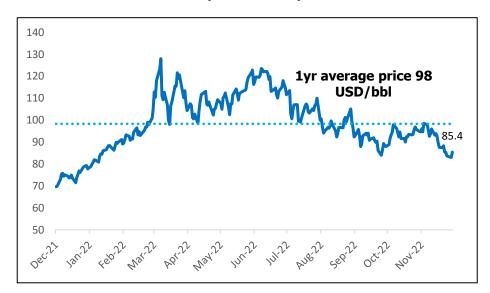
5Y CDS Spreads					
EV CDS Savanda	Current	2021	52 - Week		
5Y CDS Spreads	Current		High	Low	
U.S.A	30.0	14.1	32.5	16.0	
UK	18.9	13.5	37.7	9.8	
Germany	20.0	10.5	27.5	11.0	
Japan	25.3	15.5	32.4	20.0	
Canada	38.6	39.8	38.6	38.3	
France	20.8	11.9	26.4	16.2	



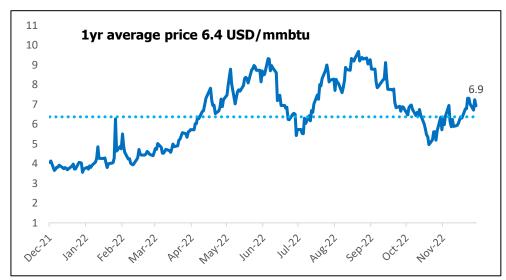
Oil Market

	Retu	rns Price Close		52 Wk. High	52 Wk. Low
	Nov-22	YTD	Frice close	32 WK. 111511	32 WK. LOW
Brent Crude	-9.9%	9.8%	85.4	128.0	68.9
Natural Gas (NYMEX)	9.0%	85.8%	6.9	9.7	3.6

Oil Price Chart (USD/bbl)



Natural Gas Price Chart (USD/mmbtu)





Cryptocurrencies

Performance & Key Metrics					
Cryptocurrency	Current Price (in USD)	Market Cap (USD Bn)	Returns Nov-22 YTD		
Bitcoin	17,095.1	329	-16.3%	-63.1%	
Ethereum	1,295.5	157	-17.2%	-64.9%	
Tether	1.0	65	0.0%	0.1%	
Ripple	0.4	20	-10.2%	-50.5%	
Dogecoin	0.1	14	-15.9%	-37.3%	
Cardano	0.3	11	-20.7%	-75.6%	
Bitcoin Cash	113.5	2	-1.3%	-73.6%	

Blockchain ETF Performance					
ETF Name	AuM (USD	Returns			
LTI Name	Mn.)	Nov-22	YTD		
Amplify Transformational Data Sharing ETF	414	-11.3%	-58.3%		
Invesco Elwood Global Blockchain UCITS ETF Acc	439	-5.3%	-43.5%		
Siren Nasdaq NexGen Economy ETF	111	4.6%	-44.9%		
First Trust Indxx Innovative Transactn & Proc ETF	118	12.7%	-17.4%		
Bitwise Crypto Industry Innovators ETF	93	-28.8%	-79.2%		



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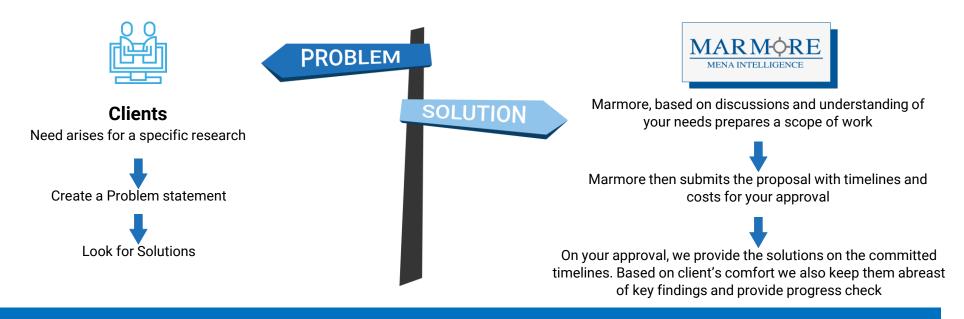
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Solution: Marmore prepared a very comprehensive report for the client and also supported in popularizing the report on Digital platforms

Impact: The client received very positive response for the report and would be engaging with Marmore for more reports subsequently

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POPULAR RESEARCH



October 2022

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