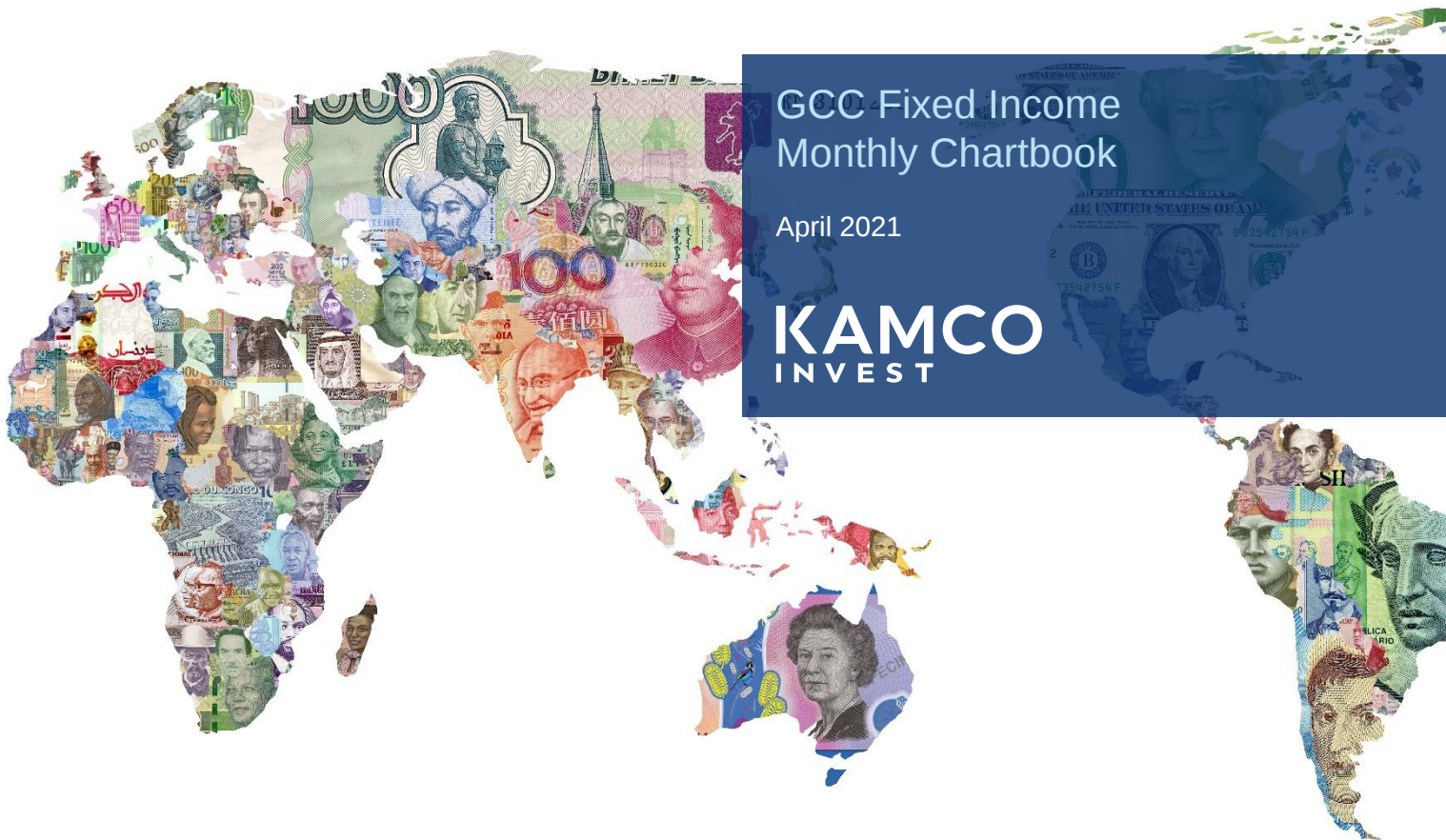
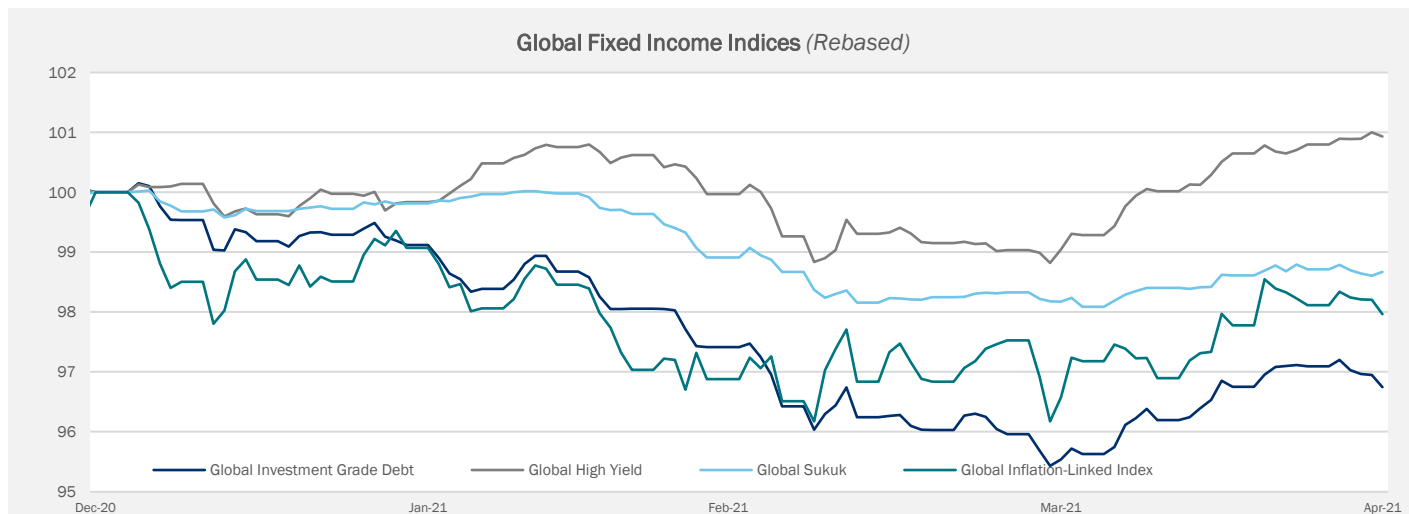




# GCC Fixed Income Monthly Chartbook

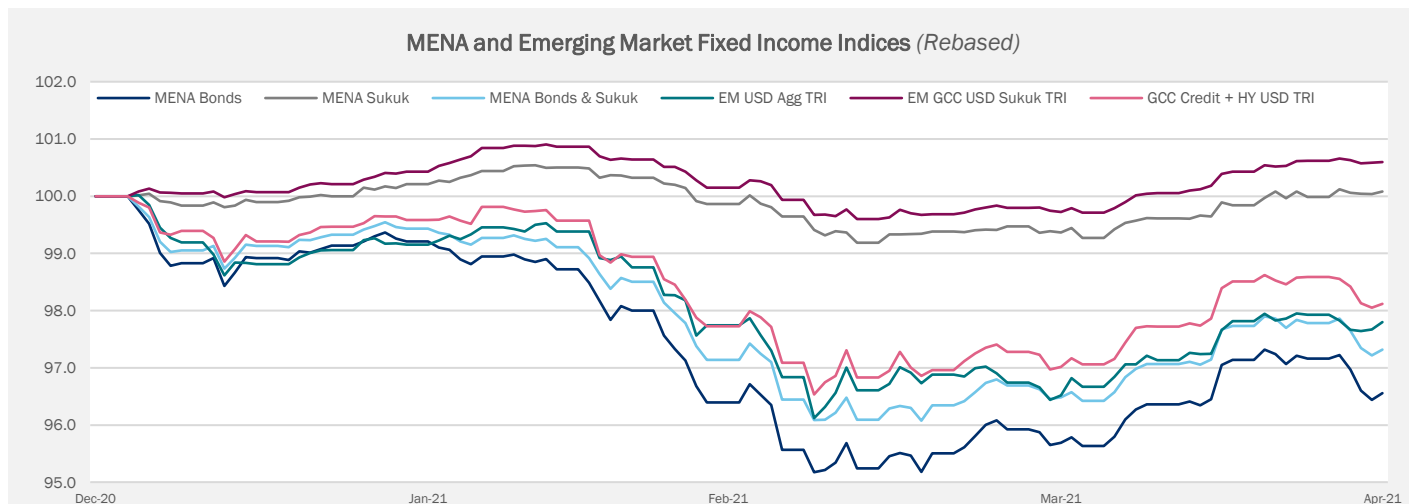
April 2021

**KAMCO**  
INVEST



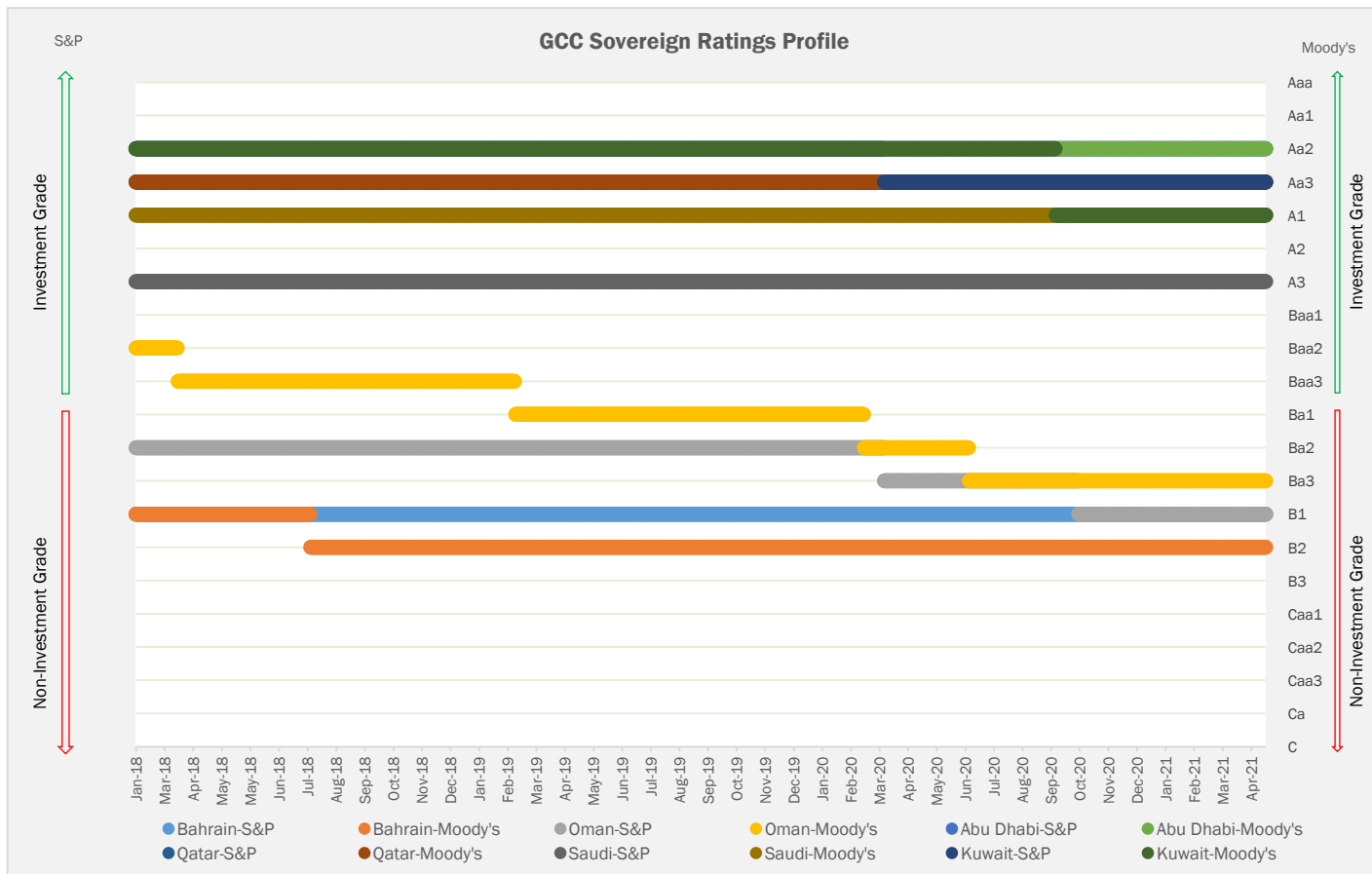
| Index                         | Close    | MTD   | YTD    | 1-Yr Change | 2020 Change |
|-------------------------------|----------|-------|--------|-------------|-------------|
| Global Investment Grade Debt  | 540.55   | 1.26% | -3.25% | 3.95%       | 9.20%       |
| Global High Yield             | 1,528.06 | 1.90% | 0.93%  | 21.80%      | 7.03%       |
| Global Sukuk                  | 108.93   | 0.51% | -1.33% | 4.71%       | 4.34%       |
| Global Inflation-Linked Index | 393.01   | 1.44% | -2.03% | 9.47%       | 12.67%      |

| US       | Closing % | MTD (bps) | YTD (bps) | 1-Yr Chg (bps) | 2020 Chg (bps) |
|----------|-----------|-----------|-----------|----------------|----------------|
| 3-Month  | 0.009     | -0.9      | -6.3      | -9.1           | -147.7         |
| 6-Month  | 0.024     | -0.9      | -6.1      | -8.3           | -150.1         |
| 12-Month | 0.049     | -0.9      | -5.8      | -11.6          | -147.3         |
| 2-Year   | 0.161     | -0.1      | 3.9       | -3.6           | -144.9         |
| 5-Year   | 0.848     | -9.2      | 48.6      | 48.5           | -133.0         |
| 10-Year  | 1.628     | -11.4     | 71.2      | 98.8           | -100.3         |
| 30-Year  | 2.300     | -11.3     | 65.4      | 101.3          | -74.4          |
|          |           |           |           |                |                |
| UK       | Closing % | MTD (bps) | YTD (bps) | 1-Yr Chg (bps) | 2020 Chg (bps) |
| 2-Year   | 0.075     | -2.2      | 24.8      | 6.5            | -70.4          |
| 5-Year   | 0.387     | -0.4      | 47.7      | 30.0           | -68.5          |
| 10-Year  | 0.841     | -0.3      | 64.9      | 61.3           | -62.5          |
| 30-Year  | 1.340     | -5.4      | 59.5      | 77.1           | -58.0          |
|          |           |           |           |                |                |
| Germany  | Closing % | MTD (bps) | YTD (bps) | 1-Yr Chg (bps) | 2020 Chg (bps) |
| 2-Year   | -0.69     | 0.5       | 2.5       | 8.7            | -10.3          |
| 5-Year   | -0.578    | 5.1       | 16.4      | 19.2           | -26.6          |
| 10-Year  | -0.203    | 9.0       | 36.9      | 38.6           | -38.4          |
| 30-Year  | 0.355     | 10.0      | 51.8      | 53.7           | -50.9          |



| Index                   | Close    | MTD   | YTD    | 1-Yr Change | 2020 Change |
|-------------------------|----------|-------|--------|-------------|-------------|
| MENA Bonds              | 147.84   | 0.91% | -3.44% | 7.02%       | 9.73%       |
| MENA Sukuk              | 139.08   | 0.72% | 0.08%  | 8.09%       | 7.14%       |
| MENA Bonds & Sukuk      | 145.55   | 0.87% | -2.68% | 7.25%       | 9.16%       |
| EM USD Agg TRI          | 1,259.80 | 1.33% | -2.20% | 12.18%      | 6.52%       |
| EM GCC USD Sukuk TRI    | 142.84   | 0.87% | 0.59%  | 11.32%      | 7.56%       |
| GCC Credit + HY USD TRI | 185.32   | 1.14% | -1.88% | 10.95%      | 8.68%       |

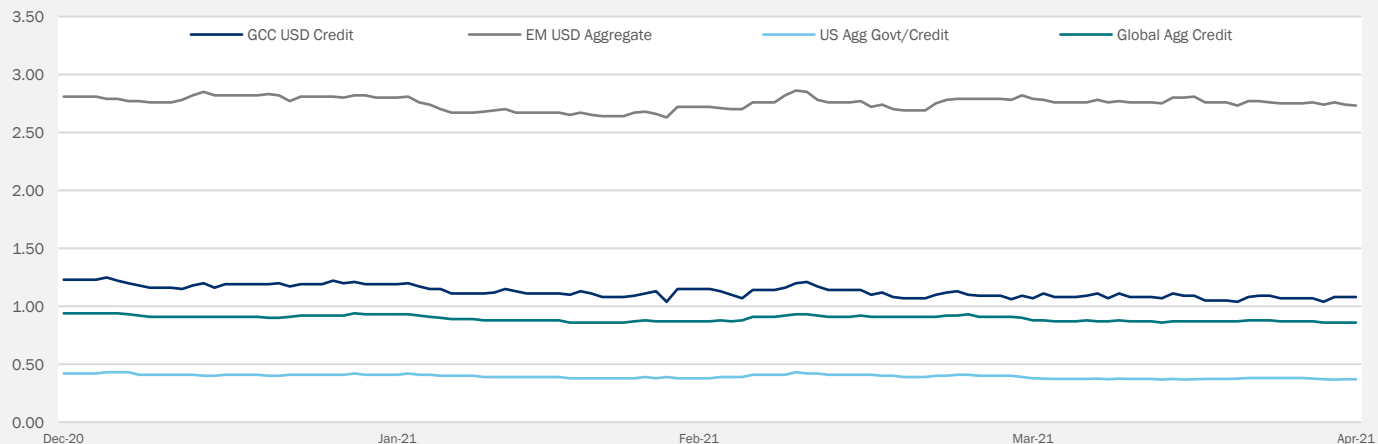
|              | S&P    |         | Moody's |         | Fitch  |         |
|--------------|--------|---------|---------|---------|--------|---------|
|              | Rating | Outlook | Rating  | Outlook | Rating | Outlook |
| Bahrain      | B+     | STABLE  | B2u     | NEG     | B+     | STABLE  |
| Kuwait       | AA-    | NEG     | A1      | STABLE  | AA     | NEG     |
| Oman         | B+     | STABLE  | Ba3     | NEG     | BB-    | NEG     |
| Qatar        | AA-    | STABLE  | Aa3     | STABLE  | AA-    | STABLE  |
| Saudi Arabia | A-u    | STABLE  | A1      | NEG     | A      | NEG     |
| UAE          | NR     | NR      | Aa2     | STABLE  | AA-    | STABLE  |
| Abu Dhabi    | AA     | STABLE  | Aa2     | STABLE  | AA     | STABLE  |
|              |        |         |         |         |        |         |
| Egypt        | B      | STABLE  | B2      | STABLE  | B+     | STABLE  |
| Jordan       | B+     | STABLE  | B1      | STABLE  | BB-    | NEG     |
| Tunisia      | NR     | NR      | B3      | NEG     | B      | NEG     |
| Morocco      | BB+    | STABLE  | Ba1     | NEG     | BB+    | STABLE  |
| Lebanon      | SD     | NEG     | C       | NR      | RD     | NR      |
| US           | AA+u   | STABLE  | Aaa     | STABLE  | AAA    | NEG     |
| UK           | AAu    | STABLE  | Aa3u    | STABLE  | AA-    | NEG     |
| Germany      | AAAu   | STABLE  | Aaa     | STABLE  | AAA    | STABLE  |
| China        | A+     | STABLE  | A1      | STABLE  | A+     | STABLE  |
| India        | BBB-u  | STABLE  | Baa3    | NEG     | BBB-   | NEG     |



# Bond Option Adjusted Spreads (OAS)

April-2021

GCC Bond Spreads vs. EM vs. US and Global average

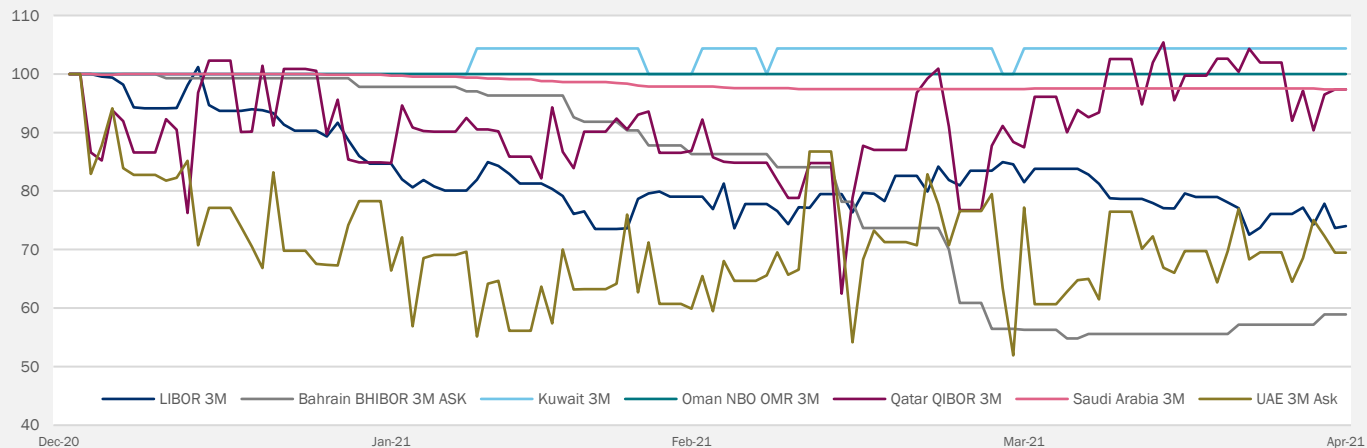


| OAS                | Close (%) | MTD (bps) | YTD (bps) | 1-Yr Change (bps) | 2020 Change (bps) |
|--------------------|-----------|-----------|-----------|-------------------|-------------------|
| GCC USD Credit     | 1.08      | 1.00      | -15.00    | -146.00           | 20.00             |
| EM USD Aggregate   | 2.73      | -6.00     | -8.00     | -346.00           | -20.00            |
| US Agg Govt/Credit | 0.37      | -0.72     | -5.01     | -43.99            | 4.25              |
| Global Agg Credit  | 0.86      | -2.00     | -8.00     | -103.00           | 2.00              |

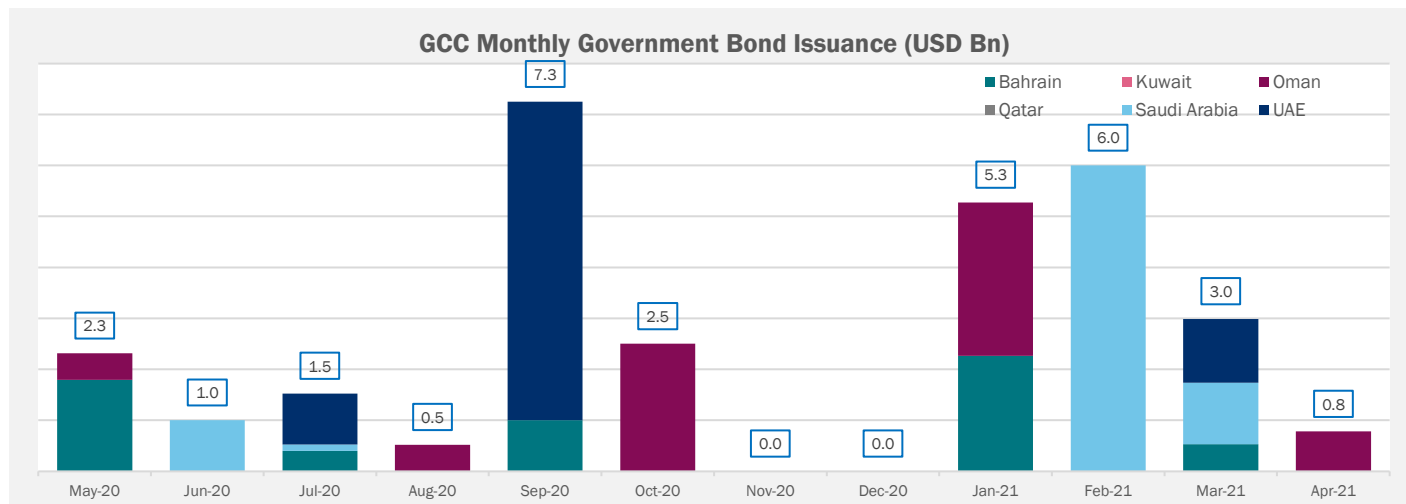
# GCC 3-Month Interbank Rate Changes vs. 3M USD LIBOR

April-2021

Short-Term Interbank Rate Movement



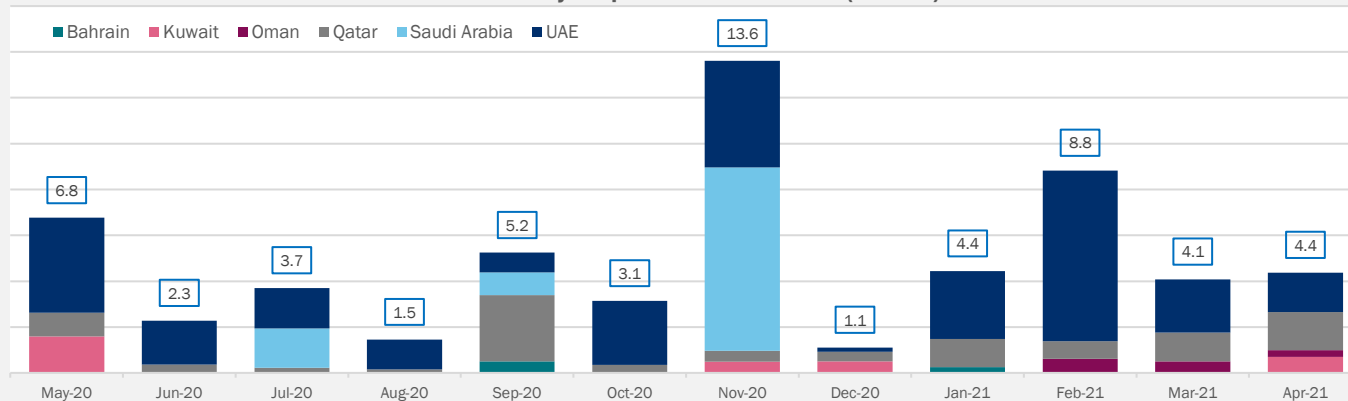
| 3M Interbank Rate bps Changes | Close (%) | MTD (bps) | YTD (bps) | 1-Yr-Chg (bps) | 2020-Chg (bps) |
|-------------------------------|-----------|-----------|-----------|----------------|----------------|
| LIBOR 3M                      | 0.18      | -1.79     | -6.20     | -37.98         | -167.00        |
| Bahrain BHIBOR 3M Ask         | 1.33      | 5.83      | -92.50    | -64.17         | -41.67         |
| Kuwait 3M                     | 1.50      | 0.00      | 6.25      | -25.00         | -131.25        |
| Oman NBO OMR 3M               | 2.70      | 0.00      | 0.00      | 0.00           | -10.00         |
| Qatar QIBOR 3M                | 1.09      | 11.06     | -2.99     | -19.18         | -112.94        |
| Saudi Arabia 3M               | 0.80      | -0.05     | -2.18     | -43.86         | -141.39        |
| UAE 3M Ask                    | 0.36      | -3.97     | -15.65    | -119.32        | -169.61        |



#### Key primary market issuances during the month:

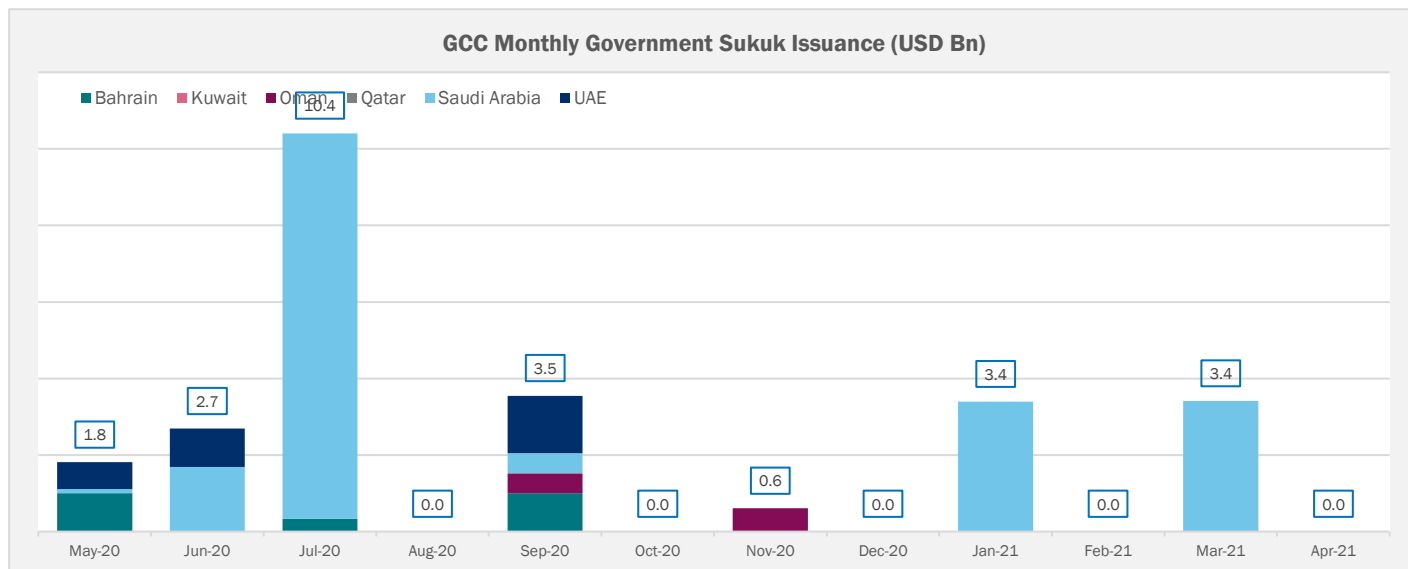
| Issuer               | Country | Issue Date | Maturity  | Amount Issued (USD) | Coupon (%) |
|----------------------|---------|------------|-----------|---------------------|------------|
| Oman Government Bond | OM      | 22-Apr-21  | 22-Apr-28 | 779,181,000         | 5.50       |

GCC Monthly Corporate Bond Issuance (USD Bn)



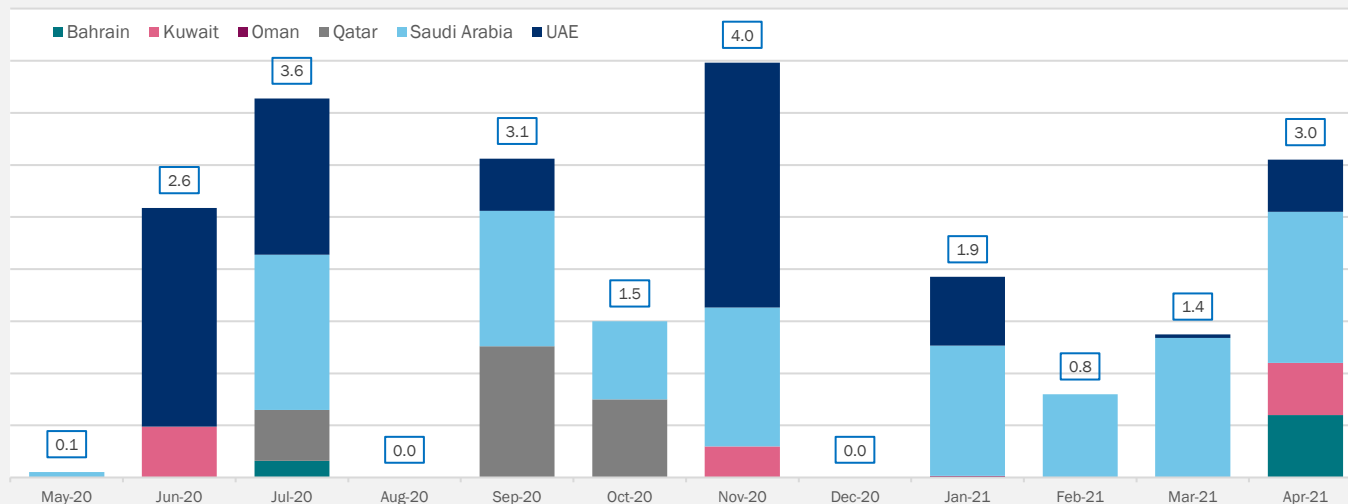
## Key primary market issuances during the month:

| Issuer                            | Country | Issue Date | Maturity  | Amount Issued (USD) | Coupon (%) |
|-----------------------------------|---------|------------|-----------|---------------------|------------|
| National Bank of Oman SAOG        | OM      | 1-Apr-21   | Perp      | 300,000,000         | 8.00       |
| Ooredoo International Finance Ltd | QA      | 8-Apr-21   | 8-Apr-31  | 1,000,000,000       | 2.63       |
| QNB Finance Ltd                   | QA      | 21-Apr-21  | 21-Apr-23 | 100,000,000         | 1.03       |
| QNB Finance Ltd                   | QA      | 22-Apr-21  | 22-Apr-24 | 169,488,000         | 3.50       |
| CBQ Finance Ltd                   | QA      | 22-Apr-21  | 22-Apr-24 | 163,252,500         | 0.20       |
| Equate Petrochemical BV           | KW      | 28-Apr-21  | 28-Apr-28 | 700,000,000         | 2.63       |
| Abu Dhabi National Energy Co PJSC | AE      | 29-Apr-21  | 29-Apr-28 | 750,000,000         | 2.00       |
| Abu Dhabi National Energy Co PJSC | AE      | 29-Apr-21  | 29-Apr-51 | 750,000,000         | 3.40       |



No primary market government sukuk issuances during the month.

GCC Monthly Corporate Sukuk Issuance (USD Bn)

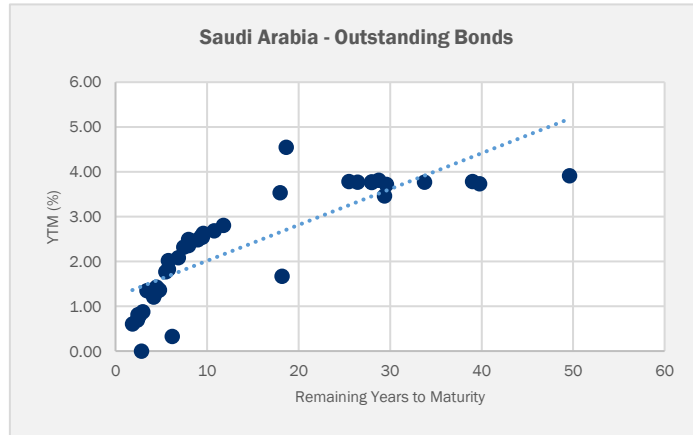
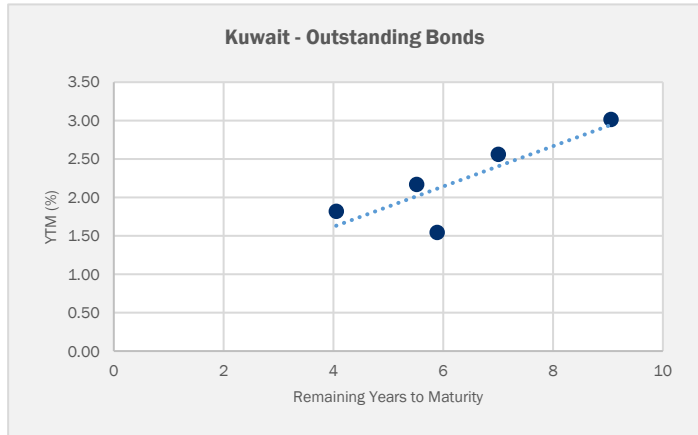
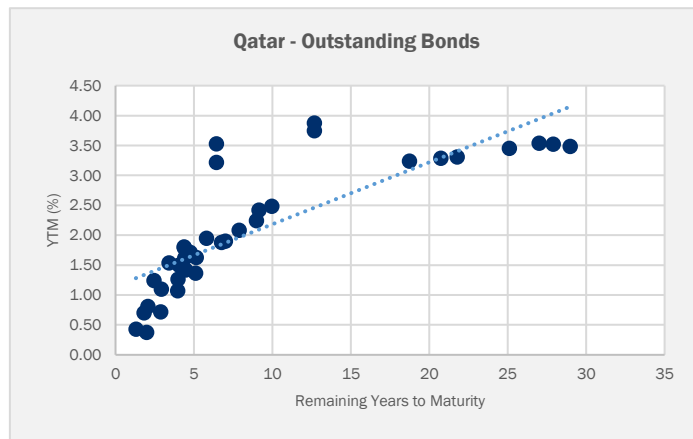
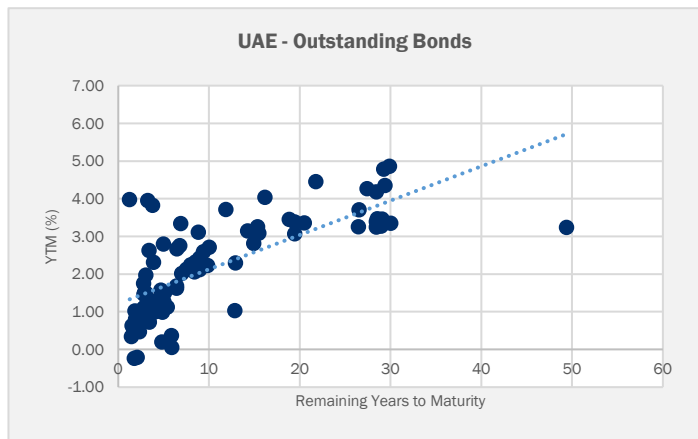


## Key primary market issuances during the month:

| Issuer                       | Country | Issue Date | Maturity  | Amount Issued (USD) | Coupon (%) |
|------------------------------|---------|------------|-----------|---------------------|------------|
| Boubyan Tier 1 Sukuk Ltd     | KW      | 1-Apr-21   | Perp      | 500,000,000         | 3.95       |
| Arabian Centres Sukuk II Ltd | SA      | 7-Apr-21   | 7-Oct-26  | 650,000,000         | 5.63       |
| Nogaholding Sukuk Ltd        | BH      | 8-Apr-21   | 8-Apr-29  | 600,000,000         | 5.25       |
| Bank AlBilad                 | SA      | 15-Apr-21  | 15-Apr-31 | 799,893,000         | 2.45       |
| DIB Tier 1 Sukuk 5 Ltd       | AE      | 19-Apr-21  | Perp      | 500,000,000         | 3.38       |

# GCC Outstanding Bond YTM vs. Remaining Years to Maturity

April-2021



Note: Charts include fixed coupon investment grade hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

## Appendix

# UAE - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector               | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|----------------------|-----------|---------------|-----------|------------------|------|---------|-------|
| EMRAT 4 1/2 02/06/25  | 6-Feb-13   | 750,000,000   | 6-Feb-25  | 4.5   | Airlines             | 102.35    | 283           | 3.8       | 3.8              | BBB+ | NR      | NR    |
| BOSUH 4 09/18/24      | 18-Sep-19  | 600,000,000   | 18-Sep-24 | 4     | Banks                | 104.3925  | 208           | 2.6       | 3.4              | NR   | NR      | BBB+  |
| EBIUH 4 3/4 02/09/28  | 9-Feb-18   | 350,266,500   | 9-Feb-28  | 4.75  | Banks                | 112.2355  | 160           | 2.8       | 6.8              | NR   | A3      | A+    |
| EBIUH 3.05 02/26/30   | 26-Feb-20  | 458,776,500   | 26-Feb-30 | 3.05  | Banks                | 99.56     | 159           | 3.1       | 8.8              | NR   | A3      | A+    |
| EBIUH 3 3/4 03/05/40  | 5-Mar-20   | 300,000,000   | 5-Mar-40  | 3.75  | Banks                | 104.079   | 150           | 3.5       | 18.9             | NR   | A3      | A+    |
| ICICI 3.8 12/14/27    | 14-Dec-17  | 500,000,000   | 14-Dec-27 | 3.8   | Banks                | 106.794   | 146           | 2.7       | 6.6              | BBB- | Baa3    | NR    |
| ICICI 4 03/18/26      | 18-Mar-16  | 800,000,000   | 18-Mar-26 | 4     | Banks                | 107.6825  | 143           | 2.3       | 4.9              | BBB- | Baa3    | NR    |
| AXSBIN 3 08/08/22     | 8-Aug-17   | 500,000,000   | 8-Aug-22  | 3     | Banks                | 102.0155  | 116           | 1.4       | 1.3              | BB+  | Baa3    | BB+   |
| ICICI 3 1/4 09/09/22  | 9-Mar-17   | 650,000,000   | 9-Sep-22  | 3.25  | Banks                | 102.547   | 111           | 1.3       | 1.4              | BBB- | Baa3    | BB+U  |
| RAKBNK 4 1/8 04/09/24 | 9-Apr-19   | 500,000,000   | 9-Apr-24  | 4.125 | Banks                | 107.4305  | 107           | 1.5       | 2.9              | NR   | Baa1    | BBB+  |
| MASQUH 4 1/4 02/26/24 | 26-Feb-19  | 675,000,000   | 26-Feb-24 | 4.25  | Banks                | 107.639   | 103           | 1.5       | 2.8              | A-   | Baa1    | A     |
| ADCBUH 4 1/2 03/06/23 | 6-Mar-13   | 750,000,000   | 6-Mar-23  | 4.5   | Banks                | 106.3165  | 76            | 1.0       | 1.8              | A-   | NR      | A-    |
| EBIUH 1.638 01/13/26  | 13-Jan-21  | 750,000,000   | 13-Jan-26 | 1.638 | Banks                | 100.3305  | 67            | 1.6       | 4.7              | NR   | A3      | A+    |
| HSBC 1.039 03/08/24   | 8-Mar-21   | 350,000,000   | 8-Mar-24  | 1.039 | Banks                | 99.8115   | 65            | 1.1       | 2.9              | NR   | A3      | A+    |
| EBIUH 2 5/8 02/18/25  | 18-Feb-20  | 500,000,000   | 18-Feb-25 | 2.625 | Banks                | 104.9425  | 62            | 1.3       | 3.8              | NR   | A3      | A+    |
| ADCBUH 4 03/29/23     | 29-Mar-18  | 750,000,000   | 29-Mar-23 | 4     | Banks                | 106.0065  | 55            | 0.8       | 1.9              | A    | NR      | A+    |
| FABUH 0 1/8 02/16/26  | 16-Feb-21  | 908,167,500   | 16-Feb-26 | 0.125 | Banks                | 99.6695   | 46            | 0.2       | 4.8              | AA-  | Aa3     | AA-   |
| ADCBUH 4 03/13/23     | 13-Mar-18  | 500,000,000   | 13-Mar-23 | 4     | Banks                | 106.0635  | 43            | 0.7       | 1.9              | A    | A1u     | A+    |
| EBIUH 0 5/8 02/09/23  | 9-Feb-18   | 303,282,750   | 9-Feb-23  | 0.625 | Banks                | 101.526   | 42            | -0.2      | 1.8              | NR   | A3      | A+    |
| EBIUH 3 1/4 11/14/22  | 14-Nov-17  | 750,000,000   | 14-Nov-22 | 3.25  | Banks                | 103.978   | 40            | 0.6       | 1.5              | BBB+ | A3      | A+    |
| FABUH 1 3/8 02/19/23  | 19-Feb-20  | 581,314,500   | 19-Feb-23 | 1.375 | Banks                | 101.26    | 38            | 0.7       | 1.8              | AA-  | Aa3     | AA-   |
| FABUH 0.068 03/31/27  | 17-Feb-21  | 289,458,000   | 31-Mar-27 | 0.068 | Banks                | 100.1185  | 33            | 0.0       | 5.9              | AA-  | Aa3     | AA-   |
| FABUH 0 7/8 12/09/25  | 9-Feb-21   | 551,916,000   | 9-Dec-25  | 0.875 | Banks                | 99.37     | 33            | 1.0       | 4.6              | AA-  | Aa3     | AA-   |
| DUBAEE 3 3/8 03/20/28 | 20-Jan-21  | 750,000,000   | 20-Mar-28 | 3.375 | Commercial Finance   | 100.1985  | 210           | 3.3       | 6.9              | NR   | A1      | BBB-  |
| DUBAEE 5 08/01/24     | 4-Aug-17   | 1,000,000,000 | 1-Aug-24  | 5     | Commercial Finance   | 103.161   | 199           | 3.9       | 3.3              | NR   | Baa3    | BBB-  |
| DUBAEE 4 1/2 08/01/22 | 4-Aug-17   | 800,000,000   | 1-Aug-22  | 4.5   | Commercial Finance   | 100.617   | 172           | 4.0       | 1.3              | NR   | Baa3    | BBB-  |
| DUBAEE 2 5/8 03/20/25 | 20-Jan-21  | 500,000,000   | 20-Mar-25 | 2.625 | Commercial Finance   | 101.153   | 164           | 2.3       | 3.9              | NR   | A1      | BBB-  |
| DUBAEE 1 5/8 02/15/24 | 1-Feb-21   | 300,000,000   | 15-Feb-24 | 1.625 | Commercial Finance   | 99.652    | 131           | 1.8       | 2.8              | NR   | Baa3    | BBB-  |
| GMSEDA 7 1/8 07/31/26 | 8-Aug-19   | 900,000,000   | 31-Jul-26 | 7.125 | Educational Services | 105.2725  | 480           | 5.9       | 5.3              | B-   | B3      | B+    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# UAE - Outstanding Bonds

April-2021

| Security Name          | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                         | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|------------------------|------------|---------------|-----------|-------|--------------------------------|-----------|---------------|-----------|------------------|------|---------|-------|
| INV COR 3.223 04/28/26 | 28-Oct-20  | 600,000,000   | 28-Apr-26 | 3.223 | Financial Services             | 101.9905  | 186           | 2.8       | 5.0              | NR   | Baa1    | NR    |
| INV COR 4 5/8 05/21/24 | 21-May-14  | 500,000,000   | 21-May-24 | 4.625 | Financial Services             | 107.798   | 150           | 2.0       | 3.1              | NR   | Baa1    | NR    |
| MUBAUH 3.7 11/07/49    | 7-Nov-19   | 1,500,000,000 | 7-Nov-49  | 3.7   | Financial Services             | 104.265   | 147           | 3.5       | 28.5             | NR   | Aa2     | AA    |
| MUBAUH 3.95 05/21/50   | 21-May-20  | 2,000,000,000 | 21-May-50 | 3.95  | Financial Services             | 108.9795  | 146           | 3.5       | 29.1             | AA   | NR      | AA    |
| MUBAUH 6 7/8 11/01/41  | 1-Nov-11   | 750,000,000   | 1-Nov-41  | 6.875 | Financial Services             | 151.8935  | 146           | 3.4       | 20.5             | AA   | Aa2     | AA    |
| MUBAUH 2 7/8 05/21/30  | 21-May-20  | 1,000,000,000 | 21-May-30 | 2.875 | Financial Services             | 103.8625  | 89            | 2.4       | 9.1              | AA   | NR      | AA    |
| MUBAUH 2 7/8 11/07/29  | 7-Nov-19   | 1,000,000,000 | 7-Nov-29  | 2.875 | Financial Services             | 104.243   | 87            | 2.3       | 8.5              | NR   | Aa2     | AA    |
| MUBAUH 3 3/4 04/19/29  | 19-Apr-17  | 650,000,000   | 19-Apr-29 | 3.75  | Financial Services             | 110.913   | 85            | 2.2       | 8.0              | AA   | Aa2     | AA    |
| MUBAUH 4 1/2 11/07/28  | 7-Nov-18   | 800,000,000   | 7-Nov-28  | 4.5   | Financial Services             | 116.4215  | 79            | 2.1       | 7.5              | AA   | Aa2     | AA    |
| MUBAUH 1 03/10/34      | 10-Mar-21  | 595,420,000   | 10-Mar-34 | 1     | Financial Services             | 99.68     | 71            | 1.0       | 12.9             | AA   | Aa2     | NR    |
| MUBAUH 2 1/2 05/21/26  | 21-May-20  | 1,000,000,000 | 21-May-26 | 2.5   | Financial Services             | 104.8225  | 56            | 1.5       | 5.1              | AA   | NR      | AA    |
| MUBAUH 0 3/8 03/10/27  | 10-Mar-21  | 714,504,000   | 10-Mar-27 | 0.375 | Financial Services             | 100.041   | 54            | 0.4       | 5.9              | AA   | Aa2     | NR    |
| MUBAUH 2 1/2 11/07/24  | 7-Nov-19   | 1,000,000,000 | 7-Nov-24  | 2.5   | Financial Services             | 105.264   | 36            | 1.0       | 3.5              | NR   | Aa2     | AA    |
| MUBAUH 3 04/19/24      | 19-Apr-17  | 850,000,000   | 19-Apr-24 | 3     | Financial Services             | 106.367   | 36            | 0.8       | 3.0              | AA   | Aa2     | AA    |
| MUBAUH 6 7/8 03/14/26  | 14-Mar-11  | 889,515,000   | 14-Mar-26 | 6.875 | Financial Services             | 127.8045  | 29            | 1.0       | 4.9              | AA   | Aa2     | AA    |
| MUBAUH 2 3/4 05/11/23  | 12-May-16  | 500,000,000   | 11-May-23 | 2.75  | Financial Services             | 104.375   | 29            | 0.6       | 2.0              | AA   | Aa2     | AA    |
| MUBAUH 3 5/8 05/30/23  | 30-Nov-12  | 1,105,136,000 | 30-May-23 | 3.625 | Financial Services             | 107.976   | 25            | -0.2      | 2.1              | AA   | Aa2     | AA    |
| EMDEBK 3.516 03/06/24  | 6-Mar-19   | 750,000,000   | 6-Mar-24  | 3.516 | Government Development Banks   | 106.7165  | 65            | 1.1       | 2.9              | NR   | NR      | AA-   |
| SHLFDI 8 1/4 02/15/25  | 7-Feb-18   | 900,000,000   | 15-Feb-25 | 8.25  | Oil & Gas Services & Equipment | 75.8525   | 1,656         | 17.2      | 3.8              | CCC+ | Caa3    | NR    |
| SHLFDI 8 7/8 11/15/24  | 26-Mar-21  | 310,000,000   | 15-Nov-24 | 8.875 | Oil & Gas Services & Equipment | 102.6305  | 729           | 8.0       | 3.5              | CCC+ | B2      | NR    |
| ADNOUH 4.6 11/02/47    | 2-Nov-17   | 2,200,000,000 | 2-Nov-47  | 4.6   | Pipeline                       | 115.1075  | 152           | 3.7       | 26.5             | AA   | NR      | AA    |
| ADGLXY 3 1/4 09/30/40  | 5-Nov-20   | 1,350,000,000 | 30-Sep-40 | 3.25  | Pipeline                       | 98.1575   | 148           | 3.4       | 19.4             | NR   | Aa2     | AA    |
| ADGLXY 2.94 09/30/40   | 18-Feb-21  | 2,170,000,000 | 30-Sep-40 | 2.94  | Pipeline                       | 98.194    | 138           | 3.1       | 19.4             | NR   | Aa2     | AA    |
| ADGLXY 2 5/8 03/31/36  | 5-Nov-20   | 1,550,000,000 | 31-Mar-36 | 2.625 | Pipeline                       | 97.6885   | 120           | 2.8       | 14.9             | NR   | Aa2     | AA    |
| ADGLXY 2.16 03/31/34   | 18-Feb-21  | 1,750,000,000 | 31-Mar-34 | 2.16  | Pipeline                       | 98.465    | 99            | 2.3       | 12.9             | NR   | Aa2     | AA    |
| ADNOUH 3.65 11/02/29   | 2-Nov-17   | 837,000,000   | 2-Nov-29  | 3.65  | Pipeline                       | 111.242   | 72            | 2.2       | 8.5              | AA   | NR      | AA    |
| ADGLXY 1 3/4 09/30/27  | 5-Nov-20   | 1,100,000,000 | 30-Sep-27 | 1.75  | Pipeline                       | 100.7855  | 72            | 1.6       | 6.4              | NR   | Aa2     | AA    |
| TAQAUH 4 10/03/49      | 3-Oct-19   | 500,000,000   | 3-Oct-49  | 4     | Power Generation               | 111.046   | 140           | 3.4       | 28.4             | NR   | Aa3     | AA-   |
| TAQAUH 3.4 04/29/51    | 29-Apr-21  | 750,000,000   | 29-Apr-51 | 3.4   | Power Generation               | 101.05    | 132           | 3.3       | 30.0             | NR   | Aa3     | AA-   |
| TAQAUH 6 1/2 10/27/36  | 27-Oct-06  | 1,500,000,000 | 27-Oct-36 | 6.5   | Power Generation               | 141.7365  | 129           | 3.1       | 15.5             | NR   | Aa3     | AA-   |
| ESCWPC 4.45 08/01/35   | 7-Dec-17   | 400,000,000   | 1-Aug-35  | 4.45  | Power Generation               | 114.9045  | 118           | 3.1       | 14.3             | BBB+ | A2      | NR    |
| RPCUH 6 08/31/36       | 6-Aug-13   | 825,000,000   | 31-Aug-36 | 6     | Power Generation               | 132.846   | 116           | 3.3       | 15.3             | A-   | A3      | NR    |
| TAQAUH 4 7/8 04/23/30  | 23-Apr-18  | 1,000,000,000 | 23-Apr-30 | 4.875 | Power Generation               | 119.659   | 95            | 2.4       | 9.0              | NR   | Aa3     | AA-   |
| TAQAUH 2 04/29/28      | 29-Apr-21  | 750,000,000   | 29-Apr-28 | 2     | Power Generation               | 99.932    | 72            | 2.0       | 7.0              | NR   | Aa3     | AA-   |
| TAQAUH 4 3/8 06/22/26  | 22-Jun-16  | 1,000,000,000 | 22-Jun-26 | 4.375 | Power Generation               | 114.088   | 57            | 1.5       | 5.1              | NR   | Aa3     | AA-   |
| TAQAUH 4 3/8 04/23/25  | 23-Apr-18  | 750,000,000   | 23-Apr-25 | 4.375 | Power Generation               | 112.1235  | 55            | 1.2       | 4.0              | NR   | Aa3     | AA-   |
| TAQAUH 3 7/8 05/06/24  | 6-May-14   | 750,000,000   | 6-May-24  | 3.875 | Power Generation               | 108.839   | 42            | 0.9       | 3.0              | NR   | Aa3     | AA-   |
| TAQAUH 3 5/8 01/12/23  | 12-Dec-12  | 1,250,000,000 | 12-Jan-23 | 3.625 | Power Generation               | 105.212   | 28            | 0.5       | 1.7              | NR   | Aa3     | AA-   |
| MAFUAE 4 3/4 05/07/24  | 7-May-14   | 800,000,000   | 7-May-24  | 4.75  | Real Estate                    | 109.494   | 105           | 1.5       | 3.0              | BBB  | NR      | BBB   |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# UAE - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                               | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------------|-----------|---------------|-----------|------------------|------|---------|-------|
| SHUGOV 4 3/8 03/10/51 | 10-Mar-21  | 500,000,000   | 10-Mar-51 | 4.375 | Sovereigns                           | 92.3885   | 291           | 4.9       | 29.9             | BBB- | Baa3    | NR    |
| SHUGOV 4 07/28/50     | 28-Jul-20  | 1,000,000,000 | 28-Jul-50 | 4     | Sovereigns                           | 87.77     | 281           | 4.8       | 29.3             | BBB- | Baa3    | NR    |
| DUGB 5 1/4 01/30/43   | 30-Jan-13  | 1,000,000,000 | 30-Jan-43 | 5.25  | Sovereigns                           | 110.9755  | 252           | 4.5       | 21.8             | BBB+ | NR      | NR    |
| DUGB 3.9 09/09/50     | 9-Sep-20   | 1,250,000,000 | 9-Sep-50  | 3.9   | Sovereigns                           | 92.5585   | 237           | 4.4       | 29.4             | BBB+ | NR      | NR    |
| SHUGOV 3 5/8 03/10/33 | 10-Mar-21  | 750,000,000   | 10-Mar-33 | 3.625 | Sovereigns                           | 99.164    | 201           | 3.7       | 11.9             | BBB- | Baa3    | NR    |
| ADGB 2.7 09/02/70     | 2-Sep-20   | 1,500,000,000 | 2-Sep-70  | 2.7   | Sovereigns                           | 86.75     | 132           | 3.2       | 49.4             | AA   | NR      | AA    |
| ADGB 3 7/8 04/16/50   | 16-Apr-20  | 4,000,000,000 | 16-Apr-50 | 3.875 | Sovereigns                           | 111.245   | 125           | 3.3       | 29.0             | AA   | Baa1    | A     |
| ADGB 4 1/8 10/11/47   | 11-Oct-17  | 3,000,000,000 | 11-Oct-47 | 4.125 | Sovereigns                           | 115.3285  | 125           | 3.3       | 26.5             | AA   | NR      | AA    |
| ADGB 3 1/8 09/30/49   | 30-Sep-19  | 4,000,000,000 | 30-Sep-49 | 3.125 | Sovereigns                           | 97.7515   | 122           | 3.2       | 28.4             | AA   | Aa2u    | AA    |
| ADGB 1.7 03/02/31     | 2-Sep-20   | 1,500,000,000 | 2-Mar-31  | 1.7   | Sovereigns                           | 95.4      | 59            | 2.2       | 9.8              | AA   | NR      | AA    |
| ADGB 3 1/8 04/16/30   | 16-Apr-20  | 3,000,000,000 | 16-Apr-30 | 3.125 | Sovereigns                           | 108.2255  | 59            | 2.1       | 9.0              | AA   | Aa2u    | AA    |
| ADGB 2 1/2 09/30/29   | 30-Sep-19  | 3,000,000,000 | 30-Sep-29 | 2.5   | Sovereigns                           | 103.422   | 57            | 2.1       | 8.4              | AA   | Aa2u    | AA    |
| ADGB 3 1/8 10/11/27   | 11-Oct-17  | 4,000,000,000 | 11-Oct-27 | 3.125 | Sovereigns                           | 108.776   | 49            | 1.7       | 6.5              | AA   | NR      | AA    |
| ADGB 3 1/8 05/03/26   | 3-May-16   | 2,500,000,000 | 3-May-26  | 3.125 | Sovereigns                           | 108.933   | 32            | 1.3       | 5.0              | AA   | NR      | AA    |
| ADGB 2 1/2 04/16/25   | 16-Apr-20  | 3,000,000,000 | 16-Apr-25 | 2.5   | Sovereigns                           | 105.834   | 27            | 1.0       | 4.0              | AA   | Aa2u    | AA    |
| ADGB 2 1/8 09/30/24   | 30-Sep-19  | 3,000,000,000 | 30-Sep-24 | 2.125 | Sovereigns                           | 104.695   | 14            | 0.7       | 3.4              | AA   | Aa2u    | AA    |
| ADGB 0 3/4 09/02/23   | 2-Sep-20   | 2,000,000,000 | 2-Sep-23  | 0.75  | Sovereigns                           | 100.65    | 11            | 0.5       | 2.3              | AA   | NR      | AA    |
| ADGB 2 1/2 10/11/22   | 11-Oct-17  | 3,000,000,000 | 11-Oct-22 | 2.5   | Sovereigns                           | 103.0865  | 11            | 0.3       | 1.4              | AA   | NR      | AA    |
| DPWDU 5 5/8 09/25/48  | 25-Sep-18  | 1,000,000,000 | 25-Sep-48 | 5.625 | Transportation & Logistics           | 121.784   | 232           | 4.3       | 27.4             | NR   | Baa3    | BBB-  |
| DPWDU 6.85 07/02/37   | 2-Jul-07   | 1,750,000,000 | 2-Jul-37  | 6.85  | Transportation & Logistics           | 133.143   | 224           | 4.0       | 16.2             | NR   | Baa3    | BBB-  |
| DPWDU 4.7 09/30/49    | 30-Sep-19  | 500,000,000   | 30-Sep-49 | 4.7   | Transportation & Logistics           | 108.6575  | 221           | 4.2       | 28.4             | NR   | Baa3    | BBB-  |
| DPWDU 4 1/4 09/25/30  | 25-Sep-18  | 460,922,000   | 25-Sep-30 | 4.25  | Transportation & Logistics           | 113.6815  | 157           | 2.6       | 9.4              | NR   | Baa3    | BBB-  |
| DPWDU 2 3/8 09/25/26  | 25-Sep-18  | 882,937,500   | 25-Sep-26 | 2.375 | Transportation & Logistics           | 106.497   | 135           | 1.1       | 5.4              | NR   | Baa3    | BBB-  |
| ABDPOC 2 1/2 05/06/31 | 6-May-21   | 1,000,000,000 | 6-May-31  | 2.5   | Transportation & Logistics           | 98.1575   | 108           | 2.7       | 10.0             | A+   | NR      | NR    |
| TABRED 2 1/2 10/21/27 | 21-Oct-20  | 500,000,000   | 21-Oct-27 | 2.5   | Utilities                            | 99.0225   | 147           | 2.7       | 6.5              | NR   | Baa3    | BBB   |
| ETISLT 2 3/4 06/18/26 | 18-Jun-14  | 1,628,964,000 | 18-Jun-26 | 2.75  | Wireless Telecommunications Services | 113.155   | 41            | 0.2       | 5.1              | AA-  | Aa3     | A+u   |
| ETISLT 3 1/2 06/18/24 | 18-Jun-14  | 500,000,000   | 18-Jun-24 | 3.5   | Wireless Telecommunications Services | 108.1395  | 36            | 0.9       | 3.1              | AA-  | Aa3     | A+u   |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# Qatar - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                               | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------------|-----------|---------------|-----------|------------------|------|---------|-------|
| DHBKQD 2 3/8 03/31/26 | 31-Mar-21  | 500,000,000   | 31-Mar-26 | 2.375 | Banks                                | 100.689   | 129           | 2.2       | 4.9              | NR   | Baa1    | A     |
| ABQKQD 1 7/8 09/08/25 | 8-Sep-20   | 500,000,000   | 8-Sep-25  | 1.875 | Banks                                | 100.307   | 101           | 1.8       | 4.4              | NR   | A2      | NR    |
| COMQAT 2 09/15/25     | 15-Sep-20  | 500,000,000   | 15-Sep-25 | 2     | Banks                                | 100.888   | 99            | 1.8       | 4.4              | NR   | A3      | A     |
| ABQKQD 3 1/8 09/24/24 | 24-Sep-19  | 500,000,000   | 24-Sep-24 | 3.125 | Banks                                | 105.221   | 98            | 1.5       | 3.4              | NR   | A2      | NR    |
| ALKHAL 4 3/4 10/09/23 | 9-Oct-18   | 500,000,000   | 9-Oct-23  | 4.75  | Banks                                | 108.3615  | 88            | 1.2       | 2.4              | NR   | A3 ++   | A     |
| QNBK 2 3/4 02/12/27   | 12-Feb-20  | 1,000,000,000 | 12-Feb-27 | 2.75  | Banks                                | 104.369   | 87            | 1.9       | 5.8              | A    | Aa3     | A+    |
| QNBK 1 3/8 01/26/26   | 26-Jan-21  | 1,000,000,000 | 26-Jan-26 | 1.375 | Banks                                | 98.4705   | 83            | 1.7       | 4.7              | A    | Aa3     | A+    |
| QNBK 1 5/8 09/22/25   | 22-Sep-20  | 600,000,000   | 22-Sep-25 | 1.625 | Banks                                | 100.044   | 81            | 1.6       | 4.4              | A    | Aa3     | A+    |
| QNBK 2 5/8 05/12/25   | 12-May-20  | 1,000,000,000 | 12-May-25 | 2.625 | Banks                                | 104.382   | 79            | 1.5       | 4.0              | A    | Aa3     | A+    |
| QNBK 3 1/2 03/28/24   | 28-Mar-19  | 1,000,000,000 | 28-Mar-24 | 3.5   | Banks                                | 106.841   | 65            | 1.1       | 2.9              | A    | Aa3     | A+    |
| DHBKQD 1 1/2 04/20/25 | 20-Apr-20  | 500,000,000   | 20-Apr-25 | 1.5   | Banks                                | 100.909   | 55            | 1.3       | 4.0              | AA-  | Aa3     | NR    |
| COMQAT 5 05/24/23     | 24-May-18  | 500,000,000   | 24-May-23 | 5     | Banks                                | 108.515   | 53            | 0.8       | 2.1              | BBB+ | A3      | NR    |
| RASGAS 5.838 09/30/27 | 9-Aug-05   | 850,000,000   | 30-Sep-27 | 5.838 | Exploration & Production             | 115.049   | 94            | 3.2       | 6.4              | A ++ | A1      | AA-   |
| RASGAS 6.332 09/30/27 | 26-Sep-06  | 800,000,000   | 30-Sep-27 | 6.332 | Exploration & Production             | 115.9425  | 84            | 3.5       | 6.4              | A ++ | A1      | AA-   |
| QPETRO 1.14 08/17/22  | 17-Aug-12  | 1,068,645,500 | 17-Aug-22 | 1.14  | Integrated Oils                      | 100.9025  | 47            | 0.4       | 1.3              | AA-  | Aa3     | NR    |
| QATAR 5.103 04/23/48  | 23-Apr-18  | 6,000,000,000 | 23-Apr-48 | 5.103 | Sovereigns                           | 127.107   | 156           | 3.5       | 27.0             | AA-  | Aa3     | AA-   |
| QATAR 4.817 03/14/49  | 14-Mar-19  | 6,000,000,000 | 14-Mar-49 | 4.817 | Sovereigns                           | 122.875   | 152           | 3.5       | 27.9             | AA-  | Aa3     | AA-   |
| QATAR 4.4 04/16/50    | 16-Apr-20  | 5,000,000,000 | 16-Apr-50 | 4.4   | Sovereigns                           | 116.6235  | 149           | 3.5       | 29.0             | AA-  | Aa3     | AA-   |
| QATAR 4 5/8 06/02/46  | 2-Jun-16   | 2,000,000,000 | 2-Jun-46  | 4.625 | Sovereigns                           | 119.563   | 148           | 3.5       | 25.1             | AA-  | Aa3     | AA-   |
| QATAR 5 3/4 01/20/42  | 5-Dec-11   | 1,000,000,000 | 20-Jan-42 | 5.75  | Sovereigns                           | 136.8085  | 135           | 3.3       | 20.7             | AA-  | Aa3     | NR    |
| QATAR 6.4 01/20/40    | 24-Nov-09  | 1,000,000,000 | 20-Jan-40 | 6.4   | Sovereigns                           | 144.1175  | 134           | 3.2       | 18.7             | AA-  | Aa3     | NR    |
| QATAR 9 3/4 06/15/30  | 29-Jun-00  | 1,400,000,000 | 15-Jun-30 | 9.75  | Sovereigns                           | 159.6375  | 99            | 2.4       | 9.1              | BBB+ | Aa3     | NR    |
| QATAR 3 3/4 04/16/30  | 16-Apr-20  | 3,000,000,000 | 16-Apr-30 | 3.75  | Sovereigns                           | 112.1695  | 73            | 2.2       | 9.0              | AA-  | Aa3     | AA-   |
| QATAR 4 03/14/29      | 14-Mar-19  | 4,000,000,000 | 14-Mar-29 | 4     | Sovereigns                           | 113.825   | 70            | 2.1       | 7.9              | AA-  | Aa3     | AA-   |
| QATAR 4 1/2 04/23/28  | 23-Apr-18  | 3,000,000,000 | 23-Apr-28 | 4.5   | Sovereigns                           | 116.8955  | 64            | 1.9       | 7.0              | AA-  | Aa3     | AA-   |
| QATAR 3 1/4 06/02/26  | 2-Jun-16   | 3,500,000,000 | 2-Jun-26  | 3.25  | Sovereigns                           | 109.225   | 40            | 1.4       | 5.1              | AA-  | Aa3     | AA-   |
| QATAR 3.4 04/16/25    | 16-Apr-20  | 2,000,000,000 | 16-Apr-25 | 3.4   | Sovereigns                           | 108.9865  | 36            | 1.1       | 4.0              | AA-  | Aa3     | AA-   |
| QATAR 3 3/8 03/14/24  | 14-Mar-19  | 2,000,000,000 | 14-Mar-24 | 3.375 | Sovereigns                           | 107.5035  | 26            | 0.7       | 2.9              | AA-  | Aa3     | AA-   |
| QATAR 3 7/8 04/23/23  | 23-Apr-18  | 3,000,000,000 | 23-Apr-23 | 3.875 | Sovereigns                           | 106.85    | 14            | 0.4       | 2.0              | AA-  | Aa3     | AA-   |
| QGTS 6.067 12/31/33   | 19-Dec-06  | 850,000,000   | 31-Dec-33 | 6.067 | Utilities                            | 123.2285  | 107           | 3.7       | 12.7             | A+   | A1      | A     |
| QGTS 6.267 12/31/33   | 19-Dec-06  | 300,000,000   | 31-Dec-33 | 6.267 | Utilities                            | 123.772   | 65            | 3.9       | 12.7             | A    | A2      | A-    |
| QTELQD 4 1/2 01/31/43 | 31-Jan-13  | 500,000,000   | 31-Jan-43 | 4.5   | Wireline Telecommunications Services | 118.398   | 136           | 3.3       | 21.8             | A-   | A2      | A-    |
| QTELQD 2 5/8 04/08/31 | 8-Apr-21   | 1,000,000,000 | 8-Apr-31  | 2.625 | Wireline Telecommunications Services | 101.248   | 88            | 2.5       | 9.9              | A-   | A2      | A-    |
| QTELQD 3 3/4 06/22/26 | 22-Jun-16  | 500,000,000   | 22-Jun-26 | 3.75  | Wireline Telecommunications Services | 110.4135  | 68            | 1.6       | 5.1              | A-   | A2      | A-    |
| QTELQD 3 7/8 01/31/28 | 31-Jan-13  | 500,000,000   | 31-Jan-28 | 3.875 | Wireline Telecommunications Services | 112.5815  | 65            | 1.9       | 6.8              | A-   | A2      | A-    |
| QTELQD 5 10/19/25     | 19-Oct-10  | 750,000,000   | 19-Oct-25 | 5     | Wireline Telecommunications Services | 115.414   | 62            | 1.4       | 4.5              | A-   | A2      | A-    |
| QTELQD 3 1/4 02/21/23 | 19-Dec-12  | 1,000,000,000 | 21-Feb-23 | 3.25  | Wireline Telecommunications Services | 104.5395  | 45            | 0.7       | 1.8              | A-   | A2      | A-    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# Bahrain - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                   | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------|-----------|---------------|-----------|------------------|-----|---------|-------|
| BBK 5 1/2 07/09/24    | 9-Jul-19   | 500,000,000   | 9-Jul-24  | 5.5   | Banks                    | 106.2185  | 291           | 3.4       | 3.2              | NR  | B2      | B+    |
| GULINT 2 3/8 09/23/25 | 23-Sep-20  | 500,000,000   | 23-Sep-25 | 2.375 | Banks                    | 101.322   | 126           | 2.1       | 4.4              | NR  | Baa1    | BBB+  |
| OILGAS 8 3/8 11/07/28 | 7-Nov-18   | 500,000,000   | 7-Nov-28  | 8.375 | Exploration & Production | 117.203   | 428           | 5.5       | 7.5              | NR  | NR      | B+    |
| OILGAS 7 1/2 10/25/27 | 25-Oct-17  | 1,000,000,000 | 25-Oct-27 | 7.5   | Exploration & Production | 112.6145  | 404           | 5.2       | 6.5              | NR  | NR      | B+    |
| OILGAS 7 5/8 11/07/24 | 7-Nov-18   | 750,000,000   | 7-Nov-24  | 7.625 | Exploration & Production | 112.5315  | 320           | 3.8       | 3.5              | NR  | NR      | B+    |
| BHRAIN 7 1/2 09/20/47 | 20-Sep-17  | 900,000,000   | 20-Sep-47 | 7.5   | Sovereigns               | 105.958   | 512           | 7.0       | 26.4             | B+  | NR      | B+    |
| BHRAIN 6 1/4 01/25/51 | 25-Jan-21  | 500,000,000   | 25-Jan-51 | 6.25  | Sovereigns               | 94.033    | 481           | 6.7       | 29.8             | B+  | NR      | B+    |
| BHRAIN 6 09/19/44     | 17-Sep-14  | 1,250,000,000 | 19-Sep-44 | 6     | Sovereigns               | 93.7815   | 463           | 6.5       | 23.4             | B+  | Baa1    | B+    |
| BHRAIN 7 3/8 05/14/30 | 14-May-20  | 1,000,000,000 | 14-May-30 | 7.375 | Sovereigns               | 113.1475  | 405           | 5.5       | 9.0              | B+  | B2u     | B+    |
| BHRAIN 5 5/8 09/30/31 | 30-Sep-19  | 1,000,000,000 | 30-Sep-31 | 5.625 | Sovereigns               | 101.083   | 390           | 5.5       | 10.4             | B+  | B2u     | B+    |
| BHRAIN 5 1/4 01/25/33 | 25-Jan-21  | 1,000,000,000 | 25-Jan-33 | 5.25  | Sovereigns               | 97.535    | 386           | 5.5       | 11.7             | B+  | NR      | B+    |
| BHRAIN 5.45 09/16/32  | 16-Sep-20  | 1,000,000,000 | 16-Sep-32 | 5.45  | Sovereigns               | 99.517    | 386           | 5.5       | 11.4             | B+  | B2u     | B+    |
| BHRAIN 6 3/4 09/20/29 | 20-Sep-17  | 1,250,000,000 | 20-Sep-29 | 6.75  | Sovereigns               | 110.2605  | 382           | 5.2       | 8.4              | B+  | NR      | B+    |
| BHRAIN 7 10/12/28     | 12-Oct-16  | 1,600,000,000 | 12-Oct-28 | 7     | Sovereigns               | 112.5     | 367           | 5.0       | 7.5              | B+  | NR      | B+    |
| BHRAIN 4 1/4 01/25/28 | 25-Jan-21  | 500,000,000   | 25-Jan-28 | 4.25  | Sovereigns               | 100.3105  | 296           | 4.2       | 6.7              | B+  | NR      | B+    |
| BHRAIN 7 01/26/26     | 24-Nov-15  | 1,125,000,000 | 26-Jan-26 | 7     | Sovereigns               | 115.3835  | 258           | 3.4       | 4.7              | B+  | NR      | B+    |
| BHRAIN 6 1/8 08/01/23 | 1-Aug-13   | 1,500,000,000 | 1-Aug-23  | 6.125 | Sovereigns               | 108.172   | 202           | 2.4       | 2.3              | B+  | NR      | B+    |
| BHRAIN 6 1/8 07/05/22 | 5-Jul-12   | 1,500,000,000 | 5-Jul-22  | 6.125 | Sovereigns               | 105.2515  | 135           | 1.6       | 1.2              | B+  | A3      | A+    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# Oman - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                               | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------------|-----------|---------------|-----------|------------------|-----|---------|-------|
| BKMBOM 4 3/4 03/17/26 | 17-Mar-21  | 500,000,000   | 17-Mar-26 | 4.75  | Banks                                | 103.9885  | 294           | 3.8       | 4.9              | NR  | Ba3     | BB-   |
| NBOBOM 5 5/8 09/25/23 | 25-Sep-18  | 500,000,000   | 25-Sep-23 | 5.625 | Banks                                | 105.421   | 290           | 3.2       | 2.4              | NR  | Ba3     | NR    |
| BKMBOM 4 7/8 03/14/23 | 14-Mar-18  | 500,000,000   | 14-Mar-23 | 4.875 | Banks                                | 104.531   | 211           | 2.4       | 1.9              | NR  | Ba3     | BB-   |
| OMAOIL 5 1/8 05/06/28 | 6-May-21   | 750,000,000   | 6-May-28  | 5.125 | Integrated Oils                      | 101.4425  | 363           | 4.9       | 7.0              | NR  | NR      | BB-   |
| OMAN 7 01/25/51       | 25-Jan-21  | 1,000,000,000 | 25-Jan-51 | 7     | Sovereigns                           | 102.352   | 492           | 6.8       | 29.8             | NR  | A1      | BB-   |
| OMAN 6 3/4 01/17/48   | 17-Jan-18  | 2,750,000,000 | 17-Jan-48 | 6.75  | Sovereigns                           | 100.252   | 484           | 6.7       | 26.7             | NR  | Ba3     | BB-   |
| OMAN 6 1/2 03/08/47   | 8-Mar-17   | 2,000,000,000 | 8-Mar-47  | 6.5   | Sovereigns                           | 98.2385   | 475           | 6.6       | 25.9             | B+  | Ba3     | BB-   |
| OMAN 7 3/8 10/28/32   | 28-Oct-20  | 1,050,000,000 | 28-Oct-32 | 7.375 | Sovereigns                           | 114.6475  | 401           | 5.6       | 11.5             | NR  | Ba3     | BB-   |
| OMAN 6 1/4 01/25/31   | 25-Jan-21  | 1,750,000,000 | 25-Jan-31 | 6.25  | Sovereigns                           | 107.825   | 368           | 5.2       | 9.7              | NR  | A1      | BB-   |
| OMAN 6 08/01/29       | 1-Aug-19   | 2,250,000,000 | 1-Aug-29  | 6     | Sovereigns                           | 106.485   | 363           | 5.0       | 8.3              | NR  | Ba3     | BB-   |
| OMAN 5 5/8 01/17/28   | 17-Jan-18  | 2,500,000,000 | 17-Jan-28 | 5.625 | Sovereigns                           | 105.4685  | 345           | 4.7       | 6.7              | NR  | Ba3     | BB-   |
| OMAN 5 3/8 03/08/27   | 8-Mar-17   | 2,000,000,000 | 8-Mar-27  | 5.375 | Sovereigns                           | 104.8335  | 336           | 4.4       | 5.9              | B+  | Ba3     | BB-   |
| OMAN 6 3/4 10/28/27   | 28-Oct-20  | 1,450,000,000 | 28-Oct-27 | 6.75  | Sovereigns                           | 112.5225  | 335           | 4.5       | 6.5              | NR  | Ba3     | BB-   |
| OMAN 4 3/4 06/15/26   | 15-Jun-16  | 2,500,000,000 | 15-Jun-26 | 4.75  | Sovereigns                           | 103.9995  | 292           | 3.9       | 5.1              | B+  | Ba3     | BB-   |
| OMAN 4 7/8 02/01/25   | 1-Aug-19   | 1,250,000,000 | 1-Feb-25  | 4.875 | Sovereigns                           | 105.2375  | 272           | 3.4       | 3.8              | NR  | Ba3     | BB-   |
| OMAN 4 1/8 01/17/23   | 17-Jan-18  | 1,250,000,000 | 17-Jan-23 | 4.125 | Sovereigns                           | 103.2955  | 189           | 2.1       | 1.7              | NR  | Ba3     | BB-   |
| OMGRID 5.8 02/03/31   | 3-Feb-21   | 600,000,000   | 3-Feb-31  | 5.8   | Utilities                            | 106.361   | 345           | 5.0       | 9.8              | NR  | Ba3     | BB-   |
| OMGRID 5.196 05/16/27 | 16-May-17  | 500,000,000   | 16-May-27 | 5.196 | Utilities                            | 104.647   | 322           | 4.3       | 6.0              | NR  | Ba3     | BB-   |
| OMGRID 3.958 05/07/25 | 7-May-15   | 1,000,000,000 | 7-May-25  | 3.958 | Utilities                            | 101.422   | 287           | 3.6       | 4.0              | NR  | Baa1    | BB-   |
| OTELOM 6 5/8 04/24/28 | 24-Apr-18  | 900,000,000   | 24-Apr-28 | 6.625 | Wireless Telecommunications Services | 111.858   | 339           | 4.6       | 7.0              | NR  | Ba3     | BB-   |
| OTELOM 5 5/8 10/24/23 | 24-Apr-18  | 600,000,000   | 24-Oct-23 | 5.625 | Wireless Telecommunications Services | 107.073   | 229           | 2.6       | 2.5              | NR  | Ba3     | BB-   |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# Kuwait - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector             | Mid Price | Z-Spread (Mid) | YTM (Mid) | Remaining Tenure | S&P | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------|-----------|----------------|-----------|------------------|-----|---------|-------|
| NTBKKK 2 3/4 05/30/22 | 30-May-17  | 750,000,000   | 30-May-22 | 2.75  | Banks              | 102.346   | 34             | 0.5       | 1.1              | NR  | A1      | AA-   |
| EQPTRC 5 7/8 05/18/30 | 18-May-20  | 600,000,000   | 18-May-30 | 5.875 | Chemicals          | 122.483   | 155            | 3.0       | 9.1              | BBB | Baa2    | NR    |
| EQPTRC 2 5/8 04/28/28 | 28-Apr-21  | 700,000,000   | 28-Apr-28 | 2.625 | Chemicals          | 100.396   | 132            | 2.6       | 7.0              | BBB | Baa2    | NR    |
| EQPTRC 4 1/4 11/03/26 | 3-Nov-16   | 1,250,000,000 | 3-Nov-26  | 4.25  | Chemicals          | 110.726   | 116            | 2.2       | 5.5              | BBB | Baa2    | NR    |
| EQPTRC 5 05/18/25     | 18-May-20  | 1,000,000,000 | 18-May-25 | 5     | Chemicals          | 112.3265  | 112            | 1.8       | 4.1              | BBB | Baa2    | NR    |
| KWIPKK 4 1/2 02/23/27 | 23-Feb-17  | 500,000,000   | 23-Feb-27 | 4.5   | Financial Services | 98.5785   | 372            | 4.8       | 5.8              | BB  | Ba1     | NR    |
| KWIPKK 4.229 10/29/26 | 29-Oct-19  | 500,000,000   | 29-Oct-26 | 4.229 | Financial Services | 98.5765   | 352            | 4.5       | 5.5              | BB  | Ba1     | NR    |
| KWIPKK 5 03/15/23     | 15-Mar-16  | 500,000,000   | 15-Mar-23 | 5     | Financial Services | 103.2665  | 292            | 3.2       | 1.9              | BB  | Ba1     | NR    |
| KUWIB 3 1/2 03/20/27  | 20-Mar-17  | 4,500,000,000 | 20-Mar-27 | 3.5   | Sovereigns         | 110.932   | 45             | 1.5       | 5.9              | AA- | NR      | AA    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

# Kuwait - KWD Bonds

April-2021

| Security Name          | Issue Date | Amount Issued (USD) | Maturity   | Cpn  | Cpn Type | Sector             |
|------------------------|------------|---------------------|------------|------|----------|--------------------|
| NTBKKK 4 3/4 11/18/30  | 11/18/2020 | 245,254,500         | 11/18/2030 | 4.75 | FIXED    | Banks              |
| NTBKKK Float 11/18/30  | 11/18/2020 | 245,254,500         | 11/18/2030 | 4.50 | FLOATING | Banks              |
| BGBKKK Float 03/09/26  | 3/10/2016  | 232,706,886         | 3/9/2026   | 5.45 | FLOATING | Banks              |
| BGBKKK Float 12/27/22  | 12/27/2012 | 209,262,276         | 12/27/2022 | 5.65 | FLOATING | Banks              |
| NTBKKK 4 3/4 11/18/25  | 11/18/2015 | 205,442,500         | 11/18/2025 | 4.75 | FIXED    | Banks              |
| NTBKKK Float 11/18/25  | 11/18/2015 | 205,442,500         | 11/18/2025 | 4.00 | FLOATING | Banks              |
| GFBKKK 6 1/2 05/30/26  | 5/30/2016  | 165,334,000         | 5/30/2026  | 6.50 | FIXED    | Banks              |
| GFBKKK Float 05/30/26  | 5/30/2016  | 165,334,000         | 5/30/2026  | 5.50 | FLOATING | Banks              |
| BGBKKK 5.9 12/27/22    | 12/27/2012 | 146,021,724         | 12/27/2022 | 5.90 | STEP CPN | Banks              |
| BGBKKK 6 03/09/26      | 3/10/2016  | 100,207,114         | 3/9/2026   | 6.00 | FIXED    | Banks              |
| KWIPKK Float 11/08/23  | 11/8/2018  | 282,964,080         | 11/8/2023  | 3.75 | FLOATING | Financial Services |
| KWIPKK Float 12/28/24  | 12/28/2017 | 212,046,080         | 12/28/2024 | 3.75 | FLOATING | Financial Services |
| KWIPKK 5 1/4 12/28/24  | 12/28/2017 | 119,275,920         | 12/28/2024 | 5.25 | FIXED    | Financial Services |
| KAMCOOK Float 07/26/23 | 7/26/2018  | 82,913,583          | 7/26/2023  | 4.25 | FLOATING | Financial Services |

| Security Name         | Issue Date | Amount Issued (USD) | Maturity  | Cpn  | Cpn Type | Sector             |
|-----------------------|------------|---------------------|-----------|------|----------|--------------------|
| KAMCOOK 6 07/26/23    | 7/26/2018  | 49,219,617          | 7/26/2023 | 6.00 | FIXED    | Financial Services |
| KWIPKK 5 1/2 11/08/23 | 11/8/2018  | 46,063,920          | 11/8/2023 | 5.50 | FIXED    | Financial Services |
| URCKK 5 3/4 04/19/23  | 4/19/2018  | 107,172,025         | 4/19/2023 | 5.75 | FIXED    | Real Estate        |
| URCKK Float 04/19/23  | 4/19/2018  | 92,837,975          | 4/19/2023 | 4.00 | FLOATING | Real Estate        |
| KUWGB 3 09/14/22      | 9/20/2017  | 331,824,000         | 9/14/2022 | 3.00 | FIXED    | Sovereigns         |
| KUWGB 2 3/4 08/21/24  | 8/30/2017  | 331,499,000         | 8/21/2024 | 2.75 | FIXED    | Sovereigns         |
| KUWGB 2 1/2 07/20/22  | 7/26/2017  | 330,693,000         | 7/20/2022 | 2.50 | FIXED    | Sovereigns         |
| KUWGB 3 07/19/23      | 7/27/2016  | 165,229,500         | 7/19/2023 | 3.00 | FIXED    | Sovereigns         |
| KUWGB 3 06/09/27      | 6/21/2017  | 164,584,500         | 6/9/2027  | 3.00 | FIXED    | Sovereigns         |
| KUWGB 2 1/2 05/01/24  | 5/10/2017  | 164,058,000         | 5/1/2024  | 2.50 | FIXED    | Sovereigns         |
| KUWGB 2 3/4 01/25/23  | 2/6/2013   | 71,000,000          | 1/25/2023 | 2.75 | FIXED    | Sovereigns         |
| KUWGB 2 3/4 08/03/22  | 8/15/2012  | 70,763,800          | 8/3/2022  | 2.75 | FIXED    | Sovereigns         |
| KUWGB 3 1/8 05/01/24  | 5/14/2014  | 35,466,700          | 5/1/2024  | 3.13 | FIXED    | Sovereigns         |

Includes KWD-denominated bonds with years to maturity >1 year

# Saudi Arabia - Outstanding Bonds

April-2021

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                         | Mid Price | Z-Spread (Md) | YTM (Mid) | Remaining Tenure | S&P | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------|-----------|---------------|-----------|------------------|-----|---------|-------|
| SAMBA 2.9 01/29/27    | 29-Jan-20  | 500,000,000   | 29-Jan-27 | 2.9   | Banks                          | 104.727   | 95            | 2.0       | 5.8              | NR  | A1      | A-    |
| SAMBA 2 3/4 10/02/24  | 2-Oct-19   | 1,000,000,000 | 2-Oct-24  | 2.75  | Banks                          | 104.6355  | 79            | 1.4       | 3.4              | NR  | A1      | A-    |
| SABIC 3 09/14/50      | 14-Sep-20  | 500,000,000   | 14-Sep-50 | 3     | Chemicals                      | 91.505    | 145           | 3.5       | 29.4             | NR  | A1      | NR    |
| SABIC 4 1/2 10/10/28  | 10-Oct-18  | 1,000,000,000 | 10-Oct-28 | 4.5   | Chemicals                      | 114.802   | 101           | 2.3       | 7.5              | A-  | A1      | NR    |
| SABIC 2.15 09/14/30   | 14-Sep-20  | 500,000,000   | 14-Sep-30 | 2.15  | Chemicals                      | 96.589    | 100           | 2.6       | 9.4              | A-  | A1      | NR    |
| SABIC 4 10/10/23      | 10-Oct-18  | 1,000,000,000 | 10-Oct-23 | 4     | Chemicals                      | 107.6455  | 46            | 0.8       | 2.4              | A-  | A1      | NR    |
| ARAMCO 3 1/2 11/24/70 | 24-Nov-20  | 2,250,000,000 | 24-Nov-70 | 3.5   | Integrated Oils                | 90.9685   | 200           | 3.9       | 49.6             | NR  | A1      | A     |
| ARAMCO 4 3/8 04/16/49 | 16-Apr-19  | 3,000,000,000 | 16-Apr-49 | 4.375 | Integrated Oils                | 110.459   | 179           | 3.8       | 28.0             | NR  | A1      | A     |
| ARAMCO 3 1/4 11/24/50 | 24-Nov-20  | 2,250,000,000 | 24-Nov-50 | 3.25  | Integrated Oils                | 91.6215   | 172           | 3.7       | 29.6             | NR  | A1      | A     |
| ARAMCO 4 1/4 04/16/39 | 16-Apr-19  | 3,000,000,000 | 16-Apr-39 | 4.25  | Integrated Oils                | 109.4765  | 164           | 3.5       | 18.0             | NR  | A1      | A     |
| ARAMCO 3 1/2 04/16/29 | 16-Apr-19  | 3,000,000,000 | 16-Apr-29 | 3.5   | Integrated Oils                | 107.2465  | 109           | 2.5       | 8.0              | NR  | A1      | A     |
| ARAMCO 2 1/4 11/24/30 | 24-Nov-20  | 2,000,000,000 | 24-Nov-30 | 2.25  | Integrated Oils                | 96.835    | 105           | 2.6       | 9.6              | NR  | A1      | A     |
| ARAMCO 1 5/8 11/24/25 | 24-Nov-20  | 1,000,000,000 | 24-Nov-25 | 1.625 | Integrated Oils                | 101.2465  | 52            | 1.3       | 4.6              | NR  | A1      | A     |
| ARAMCO 2 7/8 04/16/24 | 16-Apr-19  | 2,000,000,000 | 16-Apr-24 | 2.875 | Integrated Oils                | 105.8015  | 42            | 0.9       | 3.0              | NR  | A1      | A     |
| ARAMCO 1 1/4 11/24/23 | 24-Nov-20  | 500,000,000   | 24-Nov-23 | 1.25  | Integrated Oils                | 101.1435  | 41            | 0.8       | 2.6              | NR  | A1      | A     |
| DEHEO 0 1/4 01/23/24  | 23-Jan-20  | 966,962,500   | 23-Jan-24 | 0.25  | Internet Media                 | 144.28    | 1,041         | -12.9     | 2.7              | NR  | A1      | NR    |
| DEHEO 1 01/23/27      | 23-Jan-20  | 966,962,500   | 23-Jan-27 | 1     | Internet Media                 | 150.3395  | 884           | -6.2      | 5.7              | NR  | A1      | NR    |
| DEHEO 1 1/2 01/15/28  | 15-Jul-20  | 855,540,000   | 15-Jan-28 | 1.5   | Internet Media                 | 115.3865  | 630           | -0.7      | 6.7              | NR  | A1      | NR    |
| DEHEO 0 7/8 07/15/25  | 15-Jul-20  | 855,540,000   | 15-Jul-25 | 0.875 | Internet Media                 | 115.673   | 499           | -2.6      | 4.2              | NR  | A1      | NR    |
| ADESLN 8 5/8 04/24/24 | 24-Apr-19  | 325,000,000   | 24-Apr-24 | 8.625 | Oil & Gas Services & Equipment | 103.8495  | 624           | 7.2       | 3.0              | B+  | NR      | B+    |
| NTLWT 5.95 12/15/39   | 15-May-17  | 814,000,000   | 15-Dec-39 | 5.95  | Power Generation               | 117.491   | 215           | 4.5       | 18.6             | NR  | Baa3    | BBB-  |
| KSA 5 1/4 01/16/50    | 16-Jan-19  | 3,500,000,000 | 16-Jan-50 | 5.25  | Sovereigns                     | 124.96    | 183           | 3.8       | 28.7             | NR  | A1      | A     |
| KSA 4 1/2 04/22/60    | 22-Apr-20  | 3,000,000,000 | 22-Apr-60 | 4.5   | Sovereigns                     | 114.4875  | 181           | 3.8       | 39.0             | NR  | A1      | A     |
| KSA 4 1/2 10/26/46    | 26-Oct-16  | 6,500,000,000 | 26-Oct-46 | 4.5   | Sovereigns                     | 111.688   | 180           | 3.8       | 25.5             | NR  | A1      | A     |
| KSA 5 04/17/49        | 17-Apr-18  | 3,500,000,000 | 17-Apr-49 | 5     | Sovereigns                     | 120.9535  | 179           | 3.8       | 28.0             | NR  | A1      | A     |
| KSA 4 5/8 10/04/47    | 4-Oct-17   | 4,500,000,000 | 4-Oct-47  | 4.625 | Sovereigns                     | 114.1665  | 178           | 3.8       | 26.4             | NR  | A1      | A     |
| KSA 3 3/4 01/21/55    | 3-Feb-20   | 2,750,000,000 | 21-Jan-55 | 3.75  | Sovereigns                     | 99.5625   | 177           | 3.8       | 33.8             | NR  | A1      | A     |
| KSA 3.45 02/02/61     | 2-Feb-21   | 2,250,000,000 | 2-Feb-61  | 3.45  | Sovereigns                     | 94.116    | 177           | 3.7       | 39.8             | NR  | A1      | A     |
| KSA 2 07/09/39        | 9-Jul-19   | 2,241,700,000 | 9-Jul-39  | 2     | Sovereigns                     | 105.1405  | 119           | 1.7       | 18.2             | NR  | A1      | A     |
| KSA 2 1/4 02/02/33    | 2-Feb-21   | 2,750,000,000 | 2-Feb-33  | 2.25  | Sovereigns                     | 94.4355   | 107           | 2.8       | 11.8             | NR  | A1      | A     |
| KSA 2 3/4 02/03/32    | 3-Feb-20   | 1,000,000,000 | 3-Feb-32  | 2.75  | Sovereigns                     | 100.5725  | 101           | 2.7       | 10.8             | NR  | A1      | A     |
| KSA 4 1/2 04/17/30    | 17-Apr-18  | 3,000,000,000 | 17-Apr-30 | 4.5   | Sovereigns                     | 116.0575  | 98            | 2.5       | 9.0              | NR  | A1      | A     |
| KSA 3 1/4 10/22/30    | 22-Apr-20  | 1,500,000,000 | 22-Oct-30 | 3.25  | Sovereigns                     | 105.944   | 97            | 2.5       | 9.5              | NR  | A1      | A     |
| KSA 4 3/8 04/16/29    | 16-Jan-19  | 4,000,000,000 | 16-Apr-29 | 4.375 | Sovereigns                     | 114.535   | 95            | 2.4       | 8.0              | NR  | A1      | A     |
| KSA 3 5/8 03/04/28    | 4-Oct-17   | 5,000,000,000 | 4-Mar-28  | 3.625 | Sovereigns                     | 109.7575  | 82            | 2.1       | 6.8              | NR  | A1      | A     |
| KSA 2 1/2 02/03/27    | 3-Feb-20   | 1,250,000,000 | 3-Feb-27  | 2.5   | Sovereigns                     | 103.654   | 74            | 1.8       | 5.8              | NR  | A1      | A     |
| KSA 3 1/4 10/26/26    | 26-Oct-16  | 5,500,000,000 | 26-Oct-26 | 3.25  | Sovereigns                     | 107.6875  | 74            | 1.8       | 5.5              | NR  | A1      | A     |
| KSA 4 04/17/25        | 17-Apr-18  | 4,500,000,000 | 17-Apr-25 | 4     | Sovereigns                     | 110.23    | 63            | 1.3       | 4.0              | NR  | A1      | A     |
| KSA 2.9 10/22/25      | 22-Apr-20  | 2,500,000,000 | 22-Oct-25 | 2.9   | Sovereigns                     | 106.3435  | 60            | 1.4       | 4.5              | NR  | A1      | A     |
| KSA 0 3/4 07/09/27    | 9-Jul-19   | 1,120,850,000 | 9-Jul-27  | 0.75  | Sovereigns                     | 102.553   | 48            | 0.3       | 6.2              | NR  | A1      | A     |
| KSA 0 03/03/24        | 3-Mar-21   | 1,207,030,000 | 3-Mar-24  | 0     | Sovereigns                     | 100       | 42            | 0.0       | 2.8              | NR  | A1      | A     |
| KSA 2 7/8 03/04/23    | 4-Oct-17   | 3,000,000,000 | 4-Mar-23  | 2.875 | Sovereigns                     | 104.124   | 34            | 0.6       | 1.8              | NR  | A1      | A     |
| APICOR 1.26 02/10/26  | 10-Feb-21  | 1,000,000,000 | 10-Feb-26 | 1.26  | Supranationals                 | 99.5275   | 47            | 1.4       | 4.8              | NR  | Aa2     | AA    |
| APICOR 1.46 06/30/25  | 30-Jun-20  | 1,000,000,000 | 30-Jun-25 | 1.46  | Supranationals                 | 101.027   | 44            | 1.2       | 4.2              | NR  | Aa2     | AA    |
| APICOR 4 1/8 09/18/23 | 18-Sep-18  | 750,000,000   | 18-Sep-23 | 4.125 | Supranationals                 | 108.048   | 34            | 0.7       | 2.4              | NR  | Aa2     | NR    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

Source : Bloomberg, Kamco Invest Research

GCC Fixed Income Monthly Chartbook

| Indices                       | Description                                                                      |
|-------------------------------|----------------------------------------------------------------------------------|
| Global Investment Grade Debt  | Bloomberg Barclays Global-Aggregate Total Return Index Value Unhedged USD        |
| Global High Yield             | Bloomberg Barclays Global High Yield Total Return Index Value Unhedge            |
| Global Sukuk                  | Dow Jones Sukuk Index                                                            |
| Global Inflation-Linked Index | Bloomberg Barclays Global Inflation-Linked Total Return Index Value Unhedged USD |

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| MENA Bonds              | S&P MENA Bonds Index                                                                   |
| MENA Sukuk              | S&P MENA Sukuk Index                                                                   |
| MENA Bonds & Sukuk      | S&P MENA Bonds & Sukuk Index                                                           |
| EM USD Agg TRI          | Bloomberg Barclays EM USD Aggregate Total Return Index Value Unhedged                  |
| EM GCC USD Sukuk TRI    | Bloomberg Barclays EM GCC USD Sukuk Total Return Index Hedged USD                      |
| GCC Credit + HY USD TRI | Bloomberg Barclays GCC Credit + High Yield Index Total Return Index Value Unhedged USD |

|                    |                                                  |
|--------------------|--------------------------------------------------|
| GCC USD Credit     | Bloomberg Barclays GCC USD Credit Average OAS    |
| EM USD Aggregate   | Bloomberg Barclays EM USD Aggregate Average OAS  |
| US Agg Govt/Credit | Bloomberg Barclays US Agg Govt/Credit Avg OAS    |
| Global Agg Credit  | Bloomberg Barclays Global Agg Credit Average OAS |

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| LIBOR 3M              | ICE LIBOR USD 3 Month                              |
| Bahrain BHIBOR 3M ASK | Central Bank of Bahrain 3 Month BHIBOR Rate - ASK  |
| Kuwait 3M             | Kuwait Central Bank 3M Offer Rate                  |
| Oman NBO OMR 3M       | Nat Bank Oman Omani Riyal Interbank Offer Rate 3M  |
| Qatar QIBOR 3M        | Qatar Central Bank QIBOR Fixing 3 Month Rate       |
| Saudi Arabia 3M       | Saudi Riyal Interbank Average Offered Rate 3 Month |
| UAE 3M Ask            | Emirates Interbank Offer Rate 3 Month Ask          |

| Acronyms |                      |
|----------|----------------------|
| BH       | Bahrain              |
| KW       | Kuwait               |
| OM       | Oman                 |
| QA       | Qatar                |
| SA       | Saudi Arabia         |
| AE       | United Arab Emirates |

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