# DEBT AND DEBT MARKETS <br> A Quarterly Bulletin of the Ministry of Finance Issue No. 45, Quarter II 2018 

REPUBLIC OF LEBANON MINISTRY OF FINANCE
HIGHLIGHTS ..... 1
KEY COST AND RISK INDICATORS ..... 1
SOVEREIGN RATINGS ..... 1
INTEREST RATES \& COST ..... 2
OVERALL DEBT DATA ..... 3
AMORTIZATION PROFILE ..... 4
DOMESTIC CURRENCY DEBT DATA ..... 5
FOREIGN CURRENCY DEBT DATA ..... 7

## HIGHLIGHTS

- At end-QII 2018, gross public debt stood at LL 125,039 billion (US\$ 82.9 billion), a 4.3 percent increase compared to end-2017.
- Net public debt registered LL 108,903 billion (US\$ 72.2 billion) at end- Qll 2018, an increase of 4.5 percent from the end-2017 level.
- Domestic currency debt reached LL 72,122 billion at end- QII 2018, an decrease of 2.6 percent compared to end2017.
- On 14 June 2018, and following an agreement between the Ministry of Finance and BdL, the Ministry of Finance issued LL 2,000 billion 3 -year Tbond at 1\% coupon instead of $6.50 \%$.
- Foreign currency debt totaled LL 52,917 billion (US\$ 35.1 billion) at the end- QII 2018, a 15.5 percent increase from the end-2017 level.
- On 17 May 2018 the Lebanese Ministry of Finance (MoF) conducted a "Debt Replacement Agreement" with the Central Bank (BdL), whereby MoF issued to BDL US\$ 5.5 billion in Eurobonds and BDL redeemed to MoF the equivalent in domestic Treasury bonds. The 4 series consisted of a reopening of the 7.0 percent coupon Eurobond due March 2028 (Series 86) and the 7.15 percent coupon Eurobond due November 2031 (Series 87) for US\$ 1,000 million a US\$ 1,500 million respectively; a new US $\mathbf{1 , 5 0 0}$ million $8.20 \%$ coupon Eurobond due May 2033 (Series 88); and a new US\$ 1,500 million $8.25 \%$ coupon Eurobond due May 2034 (Series 89). For details please visit: http:// www.finance.gov.Ib/en-us/Finance/PublicDebt/DebtT/


## KEY COST AND RISK INDICATORS

| As end June 2018 | Qll 2018 Debt Data |  |  | Debt Portfolio Indicators |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total LBP billions | Total USD billions | \% Change end 2017 Jun 2018 | Currency Risk | ATM of bills and bonds | Weighted Avg Interest Rate |
| Gross Government Debt | 125,039 | 82.9 | 4.3\% |  |  |  |
| DX | 72,122 | 47.8 | -2.6\% | 57.68\% | 3.99 yr | 6.46\% |
| $F X$ | 52,917 | 35.1 | 15.5\% | 42.32\% | 7.11 yr | 6.23\% |
| Net Government Debt | 108,903 | 72.2 | 4.5\% |  |  |  |
| SOVEREIGN RATINGS |  |  |  |  |  |  |
| Lebanon Sovereign Debt Rating (as of September 14, 2018) |  |  |  |  |  |  |
| Agency |  | Long - term tenor rating |  | Short - term tenor rating |  | Outlook |
| Fitch Ratings* |  | B- |  | B |  | Stable |
| Moody's Investor Services Ltd ** |  | B3 |  | - |  | Stable |
| Standard and Poor's *** |  | B- |  | B |  | Stable |

*Fitch Ratings affirmed its ratings and maintained the Stable outlook on 01 February 2018
** Moody's Investors Services affirmed its ratings and maintained the Stable outlook on 05 June 2018
*** Standard and Poor's affirmed its rating and keeping the outlook of Lebanon stable on 02 March 2018

INTEREST RATES \& COST
Governement DX \& FX T-Bills and T-Bonds Yield Curve as at 17 September 2018


During QII 2018, primary market rates on DX Treasury bills and bonds issued remained unchanged compared to end QI 2018 levels. Eurobonds secondary levels as at 17 Sep 2018 have widened by 269 bps on average from the 12 July 2018 levels quoted in the QI 2018 Debt \& Debt Markets report.

Interest Payments
As end of Period


## OVERALL DEBT DATA

Historical Debt Evolution


Source: MOF, BDL
Notes:
1- Debt data may be subject to slight modification due to the revision of the Debt Management and Financial Analysis System (DMFAS).
2- GDP 2008-2016: Lebanese National Accounts - CAS revised estimates - Comments and Tables 2004-2016. Published in May 2018.
3- GDP 2017 using the IMF growth rate and deflator published on WEO - April 2018.
Public Debt Table ${ }^{(1)}$ (as of end-June 2018)

| Public Debt (in LL billion) | Dec-11 | Dec-12 | Dec-13 | Dec-14 | Dec-15 | Dec-16 | Dec-17 | Jun-18 | Change Jun 18 Dec 17 | \% Change Jun 18 Dec 17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Public Debt ( $\mathrm{A}+\mathrm{B}$ ) | 80,937 | 86,974 | 95,712 | 100,364 | 106,031 | 112,910 | 119,893 | 125,039 | 5,146 | 4\% |
| A. Local currency debt | 49,340 | 50,198 | 56,312 | 61,752 | 65,195 | 70,528 | 74,077 | 72,122 | $(1,955)$ | -3\% |
| 1. Central Bank | 15,974 | 14,649 | 16,761 | 19,454 | 23,907 | 30,150 | 35,580 | 34,620 | (960) | -3\% |
| 2. Commercial Banks (including REPOs) | 25,577 | 27,667 | 30,315 | 31,869 | 30,279 | 29,581 | 27,756 | 26,363 | $(1,393)$ | -5\% |
| 3. Other local debt (T-bills) | 7,789 | 7,882 | 9,236 | 10,429 | 11,009 | 10,797 | 10,741 | 11,139 | 398 | 4\% |
| o/w Public entities | 6,538 | 6,479 | 7,117 | 7,701 | 8,461 | 8,718 | 8,941 | 9,417 | 476 | 5\% |
| o/w Contractor bonds | 41 | 134 | 134 | 180 | 180 | 139 | 166 | 166 | - | 0\% |
| *Accrued interest included in debt | 788 | 789 | 877 | 1,029 | 997 | 1,098 | 1,159 | 1,125 | (34) | -3\% |
| B. Foreign currency debt | 31,597 | 36,776 | 39,400 | 38,612 | 40,836 | 42,382 | 45,816 | 52,917 | 7,101 | 15\% |
| 4. Eurobonds | 27,490 | 32,789 | 35,533 | 34,850 | 37,561 | 39,240 | 42,339 | 49,587 | 7,248 | 17\% |
| Of which, Paris II at preferential rates | 3,161 | 2,646 | 2,130 | 1,615 | 1,099 | 583 | 68 | - | (68) | -100\% |
| Of which, Paris III at preferential rates | 663 | 317 | 271 | 226 | 181 | 136 | - | - | - | - |
| Of which, market-issued Eurobonds | 23,258 | 29,427 | 32,688 | 32,584 | 35,846 | 38,063 | 41,791 | 49,005 | 7,214 | 17\% |
| * Accrued Interest on Eurobonds | 407 | 400 | 444 | 425 | 435 | 458 | 480 | 582 | 102 | 21\% |
| 5. Loans | 4,033 | 3,884 | 3,738 | 3,648 | 3,207 | 3,079 | 3,444 | 3,324 | (120) | -3\% |
| 5.1 Paris II loans | 351 | 279 | 208 | 128 | 83 | 48 | 18 | - | (18) | -100\% |
| 5.2 Paris III loans ${ }^{(2)}$ | 1,060 | 997 | 915 | 760 | 629 | 525 | 452 | 396 | (56) | -12\% |
| 5.3 Bilateral loans (non-Paris II and III) | 787 | 841 | 827 | 1,200 | 1,054 | 953 | 935 | 866 | (69) | -7\% |
| 5.4 Multilateral loans (non-Paris II and III) | 1,816 | 1,753 | 1,694 | 1,506 | 1,417 | 1,494 | 1,955 | 1,968 | 13 | 1\% |
| 5.5 Foreign Private Sector Loans | 18 | 14 | 94 | 54 | 24 | 59 | 84 | 94 | 10 | 12\% |
| 6. Other debt | 74 | 103 | 129 | 114 | 68 | 63 | 33 | 6 | (27) | -82\% |
| 6.1 Special Tbls in Foreign currency ${ }^{(3)}$ | 74 | 103 | 129 | 114 | 68 | 63 | 33 | 6 | (27) | -82\% |
| Public sector deposits | 10,984 | 12,916 | 15,495 | 14,246 | 13,555 | 14,586 | 15,659 | 16,136 | 477 | 3\% |
| Net debt | 69,953 | 74,058 | 80,217 | 86,118 | 92,476 | 98,324 | 104,234 | 108,903 | 4,669 | 4\% |
| Gross Market debt ${ }^{(4)}$ | 50,585 | 59,014 | 65,789 | 67,774 | 69,200 | 70,303 | 71,944 | 77,772 | 5,828 | 8\% |
| \% of total debt | 62.5\% | 67.9\% | 68.7\% | 67.5\% | 65.3\% | 62.3\% | 60.0\% | 62.2\% | 2.2\% | 4\% |

Source: MOF, BDL
Notes:
${ }^{(1)}$ Due to revisions in the Debt Management and Financial Analysis System (DMFAS):
1- Debt data for December 2011 to December 2016 may be subject to slight modification.
${ }^{(2)}$ IBRD loan, UAE loan and French loan of which the first tranche was received in February 2008 and the second tranche in September 2012
${ }^{(3)}$ Special Tbs in Foreign currency (expropriation and contractor bonds).
${ }^{(4)}$ Gross market debt equals gross debt less the portfolios of the BDL, Public Entities, bilateral and multilateral Ioans, Paris II and Paris III related debt.

## AMORTIZATION PROFILE

## Aggregate Debt Amortization <br> (as of end-June 2018)



Foreign Currency Debt
(Eurobonds -Loans)

Domestic T-bills and T-Bonds



Source: MOF, BDL
Note : The data used for the amortization schedule is based on outstanding and not on committed amounts

## DOMESTIC CURRENCY DEBT DATA

Outstanding Domestic T-bills and Bonds by Tenor Type (as of end-period)


Source: MOF
Notes:
1- Only treasury bills with maturities less than 24 months are issued at a discount to their face value.
2- The 5 YR bonds figure includes LL 166 billion contractor bonds issued in Jan 2014, Nov 2014, Jul 2016 and Jun 2017.
Outstanding Domestic T-bills and Bonds by Investor Type


[^0]Notes: Commercial Banks figures include the amounts of repurchase agreements.

## DOMESTIC CURRENCY DEBT DATA

## T-Bills and Bonds Subscription Results- QII 2018

## Weekly Issued Amounts

| Date | Categories |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nominal Value - LBP Billions |  |  |  |  |  |  |  |  |
|  | 3 Mn | 6 Mn | 12 Mn | 2 Yr | 3 Yr | 5 Yr | 7 Yr | 10 Yr | Total |
| Q1-2018 | 567 | 596 | 732 | 965 | 1,292 | 1,601 | 1,142 | 876 | 7,771 |
| 05-04-18 | 76 | - | 139 | - | - | 200 | - | - | 415 |
| 12-04-18 | - | 103 | - | 650 | - | - | - | 1,000 | 1753 |
| 19-04-18 | 76 | - | 79 | - | - | 200 | - | - | 355 |
| 26-04-18 | - | 103 | - | - | 301 | - | 300 | - | 704 |
| 03-05-18 | 76 | - | 205 | - | - | 200 | - | - | 481 |
| 10-05-18 | - | 103 | - | 300 | - | - | - | 201 | 603 |
| 17-05-18 | 101 | - | 79 | - | - | 125 | - | - | 305 |
| 24-05-18 | - | 103 | - | - | 300 | - | 300 | - | 703 |
| 31-05-18 | 4 | - | 6 | - | - | 125 | - | - | 135 |
| 07-06-18 | - | 8 | - | 52 | - | - | - | 50 | 109 |
| 14-06-18 | 21 | - | 22 | - | 2,000 | 50 | - | - | 2092 |
| 21-06-18 | - | 21 | - | - | 50 | - | 50 | - | 121 |
| 28-06-18 | 20 | - | 21 | - | - | 50 | - | - | 92 |
| Total QII-2018 | 373 | 439 | 551 | 1,002 | 2,651 | 952 | 651 | 1,251 | 7,870 |
| Grand Total | 940 | 1,035 | 1,283 | 1,967 | 3,943 | 2,553 | 1,793 | 2,127 | 15,640 |

QII 2018 Subscription Results by Holder


In QII 2018 the largest subscriber in DX Treasury bills and bonds was BDL reaching 57.8 percent of the total subscriptions. Banks share stood at 27.1 percent and the Public institutions share amounted to 14.8 percent of the total quarter subscriptions.

Domestic Treasury Bills \& Bonds Auction Calendar QIV 2018

|  | October |  |  |  |  | November |  |  |  | December |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Auction Date | 1 | 8 | 15 | 22 | 29 | 5 | 12 | 19 | 26 | 3 | 10 | 17 | 24 | 31 | Frequency |
| Issue Date | 4 | 11 | 18 | 25 | 01-Nov | 8 | 15 | 22 | 29 | 6 | 13 | 20 | 27 | 03-Jan |  |
| 3 M | x |  | x |  | x |  | x |  | x |  | x |  | x |  | 7 |
| 6 M |  | x |  | x |  | x |  | x |  | x |  | x |  | x | 7 |
| 12 M | x |  | x |  | x |  | x |  | x |  | x |  | x |  | 7 |
| 2 Y |  |  |  | x |  |  |  | x |  |  |  | x |  |  | 3 |
| 3 Y |  | x |  |  |  | x |  |  |  | x |  |  |  | x | 4 |
| 5 Y | x |  | x |  | x |  | x |  | x |  | x |  | x |  | 7 |
| 7 Y |  | x |  |  |  | x |  |  |  | x |  |  |  | x | 4 |
| 10 Y |  |  |  | x |  |  |  | x |  |  |  | x |  |  | 3 |

## Bilateral and Multilateral Loans

(as of end-June 2018)

Breakdown by currency


Source: MOF

Breakdown by sector


The gross outstanding debt comprises less than 3\% of loans in foreign currency amounting to LBP 3,322 billion, which is mostly for project financing.

Yields for Republic of Lebanon Eurobonds and Comparables (as of 17 Sep 2018)


Source: $D B, M O F$

## FOREIGN CURRENCY DEBT DATA

Marketable Eurobonds end June 2018

| Lebanon Secondary Trading Levels |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mat. Date dd/mm/yy | Outstanding Amount (in original cur) | Bid Price | Ask Price | Mid Yield | Mid Zspread | $\begin{aligned} & \text { Change Mid Z- } \\ & \text { spread (QII } \\ & \text { 2018-QI 2018) } \end{aligned}$ |
| EURO |  |  |  |  |  |  |  |
| LEB 5.35 | 28/11/2018 | 445,000,000 | 100.75 | 101.75 | 3.33 | 430 | 68 |
| US DOLLARS |  |  |  |  |  |  |  |
| LEB 5.15 | 12/11/2018 | 1,025,000,000 | 99.85 | 100.35 | 4.97 | 270 | 10 |
| LEB 5.5 | 23/04/2019 | 500,000,000 | 99.88 | 100.38 | 5.37 | 472 | 178 |
| LEB 6 | 20/05/2019 | 650,000,000 | 100.38 | 100.88 | 5.42 | 476 | 178 |
| LEB 5.45 | 28/11/2019 | 1,500,000,000 | 99.38 | 99.88 | 5.69 | 504 | 189 |
| LEB 6.375 | 09/03/2020 | 1,200,000,000 | 100.63 | 101.13 | 5.89 | 565 | 232 |
| LEB 5.8 | 14/04/2020 | 700,000,000 | 99.38 | 99.88 | 6.00 | 581 | 238 |
| LEB 6.15 | 19/06/2020 | 600,000,000 | 99.88 | 100.38 | 6.08 | 591 | 241 |
| LEB 8.25 | 12/04/2021 | 2,092,469,000 | 105.38 | 106.13 | 6.14 | 687 | 338 |
| LEB 6.25 | 27/05/2022 | 500,000,000 | 99.00 | 100.00 | 6.39 | 708 | 338 |
| LEB 6.1 | 04/10/2022 | 1,540,000,000 | 98.25 | 99.25 | 6.42 | 704 | 331 |
| LEB 6 | 27/01/2023 | 1,100,000,000 | 97.38 | 98.38 | 6.52 | 730 | 348 |
| LEB 6.4 | 26/05/2023 | 500,000,000 | 97.88 | 98.88 | 6.78 | 739 | 331 |
| LEB 6.65 | 22/04/2024 | 700,000,000 | 98.88 | 99.88 | 6.78 | 730 | 324 |
| LEB 6.25 | 04/11/2024 | 538,467,000 | 96.38 | 97.38 | 6.85 | 734 | 321 |
| LEB 7 | 03/12/2024 | 250,000,000 | 99.88 | 100.88 | 6.93 | 735 | 314 |
| LEB 6.2 | 26/02/2025 | 800,000,000 | 95.25 | 96.25 | 6.99 | 743 | 317 |
| LEB 6.25 | 12/06/2025 | 800,000,000 | 95.13 | 96.13 | 7.03 | 746 | 316 |
| LEB 6.6 | 27/11/2026 | 1,600,000,000 | 94.50 | 95.50 | 7.39 | 740 | 275 |
| LEB 6.85 | 23/03/2027 | 1,250,000,000 | 96.75 | 97.75 | 7.27 | 748 | 296 |
| LEB 6.75 | 29/11/2027 | 1,000,000,000 | 95.50 | 96.50 | 7.33 | 727 | 270 |
| LEB 7* | 20/03/2028 | 1,700,000,000 | \#N/A | \#N/A | \#N/A | \#N/A | \#N/A |
| LEB 6.65 | 03/11/2028 | 893,197,000 | 94.00 | 95.00 | 7.41 | 737 | 273 |
| LEB 6.85 | 25/05/2029 | 1,000,000,000 | 94.25 | 95.25 | 7.55 | 734 | 256 |
| LEB 6.65 | 26/02/2030 | 1,400,000,000 | 92.50 | 93.50 | 7.55 | 719 | 243 |
| LEB 7 | 22/04/2031 | 300,000,000 | 93.88 | 94.88 | 7.69 | 741 | 251 |
| LEB 7.15** | 20/11/2031 | 2,500,000,000 | \#N/A | \#N/A | \#N/A | \#N/A | \#N/A |
| LEB 7 | 23/03/2032 | 1,000,000,000 | 93.38 | 94.38 | 7.72 | 736 | 244 |
| LEB 8.2 ${ }^{\text {*** }}$ | 17/05/2033 | 1,500,000,000 | \#N/A | \#N/A | \#N/A | \#N/A | \#N/A |
| LEB $8.25^{\text {\%*** }}$ | 17/05/2034 | 1,500,000,000 | \#N/A | \#N/A | \#N/A | \#N/A | \#N/A |
| LEB 7.05 | 02/11/2035 | 600,000,000 | 92.63 | 93.63 | 7.77 | 708 | 212 |
| LEB 7.25 | 23/03/2037 | 750,000,000 | 94.00 | 95.00 | 7.81 | 718 | 219 |

Source: DB
察 Re-opening through a "Debt Replacement Agreement" between the Ministry of Finance (MoF) and Banque du Liban (BdL) on 17 May 2018.
;- Eurobonds issued as part of a Debt Replacement Agreement between the Ministry of Finance and Banque du Liban on 17 May 2018.

Note:
Non Marketable Eurobonds issued in the Context of Paris II \& III have been fully amortized


[^0]:    Source: MOF, BDL

