

Turkey-Cash Balance

08.11.2021
2:30 PM

October 2021 - Dom. debt roll-over ratio target at 103% for 2022

According to the cash budget data of the Ministry of Treasury and Finance, the budget deficit registered close to last year's print in October. Considering the tax shift, there was a worsening in the budget performance. There was no major change in the 12-month cumulative budget deficit.

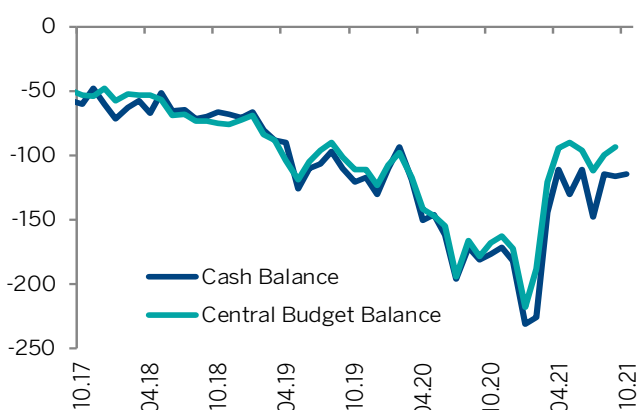
Domestic debt roll-over ratio to be 92% in 2021 and 103% in 2022 according to Ministry program

- The Ministry has announced its Financing Program for 2022. Accordingly, the total domestic debt redemption will be TRY27bn lower in 2022 compared to 2021 due to the decline in domestic debt principal payment. The total domestic debt payment will be TRY386bn in 2022. The domestic debt roll-over ratio is projected to be 103%.
- When external debt service is calculated in USD terms based on the exchange rate estimates projected in the Medium Term Program, external debt service in 2022 will be USD0.7bn higher compared to 2021. We calculate 2022 external debt service at USD13.0bn. According to the program, USD11bn will be borrowed from international capital markets through bond issuances in 2022.
- In October, revenues rose by 38% yoy. Approximately TL10bn of taxes accrued in September were registered in the Treasury accounts in October. Omitting the monthly tax shifting impact yoy revenue growth was more limited at 26% in October. Yoy expenditure growth was at 33%, slightly above its previous trend. The cash budget deficit, at TRY6.8bn in October 2020, registered at TRY5.2bn in October 2021. On a 12-month basis, the cash deficit narrowed slightly from TRY116bn in September to TRY115bn in October.
- The domestic debt rollover ratio was 73% in Oct., below Ministry's estimate. The 12-month domestic debt roll-over ratio rose from 84% to 87%. According to the Ministry program, this ratio is estimated at 99% in Nov21-Jan22. The Ministry has lowered its November domestic borrowing estimate by TRY7bn to TRY15bn. The Ministry's domestic debt rollover ratio estimate for 2021 is 92%, significantly below the 121% predicted at the beginning of the year.
- Net debt payment and cash deficit in October was financed by the cash account. According to CBRT data, the FX deposits of the Ministry rose by TRY1.6bn (c.USD0.8bn fall), while TRY deposits fell by TRY4.1bn in October. The Treasury's cash account was at TRY243.1bn (FX and TRY in total) as of end-October, of which FX deposits were at c. USD14.0bn.

Domestic debt payment is limited, external debt payment is high in November

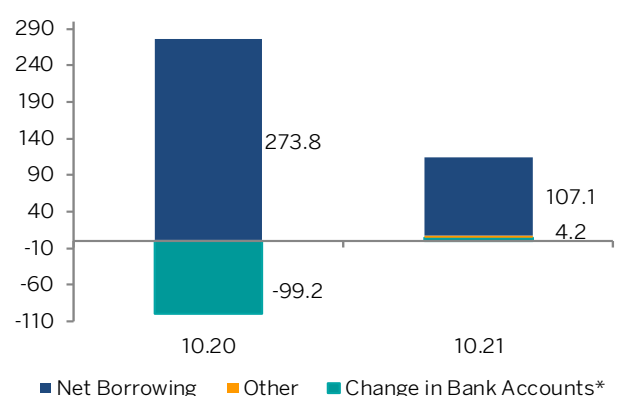
- Domestic debt payment is low at c.TRY11bn in November. The domestic debt payment schedule will be loaded for January, February, May and August in 2022.
- The share of non-TRY domestic debt in total domestic debt was 24% as of September. It has been announced that no domestic FX borrowing would be made in return for FX denominated notes redeemed in Dec.21.
- External debt redemption is high at USD2.0bn in Nov.21. In Feb.22 (USD2.7bn), Mar.22 (USD2.6bn) and Sep.22 (USD3.2bn) external debt payments are high.

Cash & Central Budget Balance (12-month)



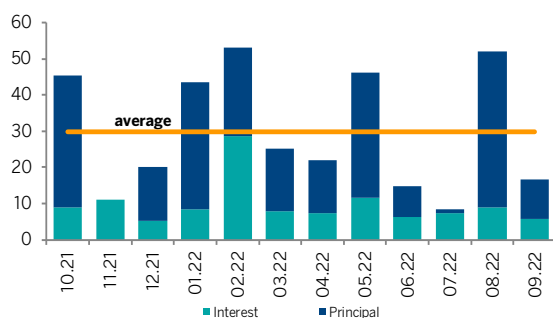
Source: Ministry of Treasury and Finance, Garanti BBVA Securities

Cash Balance Financing Sources (12 month-TRY bn)



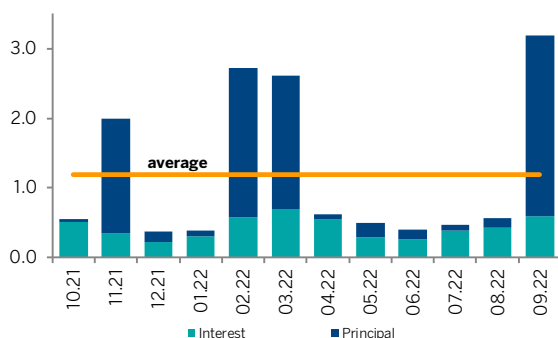
Source: Ministry of Treasury and Finance, Garanti BBVA Securities
*Negative data means the rise

Domestic Debt Payment Projection* (TL bn)



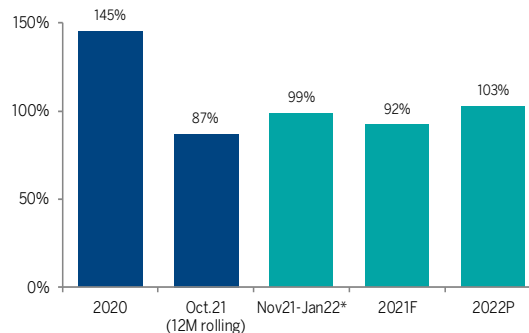
Source: Ministry of Treasury and Finance
Garanti BBVA Securities *Central Government as of 20.10.21

External Debt Payment Projection* (USD bn)



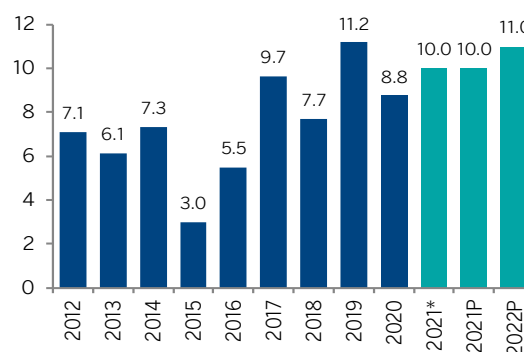
Source: Ministry of Treasury and Finance,
Garanti BBVA Securities *Central Government

Treasury's Domestic Debt Roll-over



Source: Ministry of Treasury and Finance, * Treasury Program
Garanti BBVA Securities P:Program F:Government Forecast

Eurobond&Lease Certif. Issuance (USD bn)



Source: Ministry of Treasury and Finance
Garanti BBVA Securities *ytd P: Ministry Projection

Treasury's Cash Balance and Its Financing

TL Bn	Monthly			12-Month		
	Oct.20	Oct.21	Yoy	Oct.20	Oct.21	Yoy
Revenues	90.0	123.7	38%	988.4	1330.3	35%
Expenditures	96.8	129.0	33%	1170.5	1448.9	24%
Primary Balance	4.2	8.0	91%	-62.5	31.4	-150%
Privatization and Funds Income	0.1	0.0		5.6	4.1	-27%
Cash Balance	-6.8	-5.2	-23%	-176.5	-114.5	-35%
Financing	6.8	5.2	-23%	176.5	114.5	-35%
Borrowing (Net)	3.3	-4.0	-221%	273.8	107.1	-61%
Frgn. Borrow. (Net)	18.9	-0.2	-101%	12.4	49.9	302%
Borrowing	19.8	0.0		58.5	102.7	76%
Payment	0.9	0.2	-72%	46.1	52.8	15%
Dom. Borrow. (Net)	-15.6	-3.8	-76%	261.4	57.2	-78%
Borrowing	20.9	33.1	58%	453.6	367.9	-19%
Payment	36.5	36.8	1%	192.2	310.7	62%
Other	0.1	0.0	-77%	1.9	3.2	64%
Chg. in Bank Accounts	3.3	9.2	176%	-99.2	4.2	-104%
Effect of FX	8.4	9.5	13%	30.3	26.4	-13%
Net Chg. in Bank Accounts	-5.1	-0.3	-95%	-129.5	-22.2	-83%

Source: Ministry of Treasury and Finance, Garanti Securities

Treasury's Financing Program

TL Bn	Realization		Treasury Financing Program		
	2020	Jan-Oct.21	Nov21-Jan 22	2021F	2022P
Total Debt Service	364.0	460.9	101.0	514.6	505.9
Dom. Debt Service	289.2	380.3	76.3	412.4	385.5
Principal	200.0	277.9	51.3	293.1	222.6
Interest	89.3	102.5	25.0	119.3	162.9
Frgn. Debt Service	74.8	80.6	24.7	102.2	120.4
Principal	42.9	45.8	16.8	61.9	70.8
Interest	31.9	34.7	7.9	40.3	49.6
Financing	364.0	460.9	101.0	514.8	506.0
Borrowing	483.6	434.5	75.2	463.7	498.1
Frgn Borrowing	63.0	83.4	0.0	83.4	101.0
Dom. Borrowing	420.6	351.2	75.2	380.3	397.1
Other Sources	-119.6	26.4	25.8	51.1	7.9
Dom. Debt Roll-Over Ratio*	145%	92%	99%	92.2%	103.0%

* According to Ministry of Treasury and Finance data,
Garanti BBVA Securities' calculation P: Program F: Government Forecast

Nihan Ziya Erdem

Chief Economist

Research

Direct Tel :+90 212 384 11 31

Tel :+90 212 384 10 10

nihanz@garantibbva.com.tr

DISCLOSURES AND DISCLAIMER

Important Disclosures

This document is distributed by Garanti BBVA Securities, an investment services company supervised by the Capital Markets Board of Turkey (CMB).

Garanti BBVA Securities is subject to the Policy on Conduct in the Securities Markets which establishes common standards for activity in these entities' markets, but also specifically for analysis and analysts. This policy is available for reference at the following web site: www.garantibbvayatirim.com.tr

All Equity Analysts are subject to Garanti BBVA Securities Corporate Procedure for "Financial Research Activity and the Regime Applicable to Research Analysts." Material information about proprietary models used in ratings of securities in this report is available from the Head of Equity Research. Ratings on stocks are updated as analyst(s) views on the outlook for the business of their corporate issuers and/or valuations of the issuers' securities change in a meaningful way. Garanti BBVA Securities has established reasonable physical and informational barriers, along with compliance reviews and policies, to minimize potential conflicts of interest in preparing reports on corporate equities.

Garanti BBVA Securities owned a net short position exceeding 0.5% of the total issued share capital of the following companies covered in this report: NA

Garanti BBVA Securities owned a net long position exceeding 0.5% of the total issued share capital of the following companies covered in this report: NA

The research analyst or a member of the research analyst's household has a financial interest (including, without limitation, whether it consists of any option, right, warrant, future, long or short position) **in the securities of the following companies covered in this report, and the nature of such interest is having those securities in their accounts: N/A**

In the past twelve months, a member of a research analyst's household has received compensation from the following companies covered in this report: NA

The Analyst (or a household of an analyst) **holds an executive or board position** (please specify such as Director, Executive Manager or Manager) **in the following companies that may be covered in this report: NA**

The Analyst has received compensation for investment banking services from the following companies covered in this report: NA

Garanti BBVA Securities beneficially owned at least 1% of the common equity securities of the following companies covered in this report: NA

The analysed company beneficially owned more than 1% of the common equity securities of Garanti BBVA Securities (please specify the managerial prerogatives and other material financial relations as credit agreements or lease agreements between such parties): GARAN

In the past twelve months, Garanti BBVA Securities has had, or currently has, as corporate and investment banking clients the following companies covered in this report: ASELS, ENJSA, GARAN, MGROS, MPARK, SOKM, TAVHL, ZOREN, TTKOM

In the past twelve months, Garanti BBVA Securities managed or co-managed the public offerings of the following companies covered in this report: ASELS, SOKM

In the past twelve months, Garanti BBVA Securities has received compensation for investment banking services from the following companies covered in this report: ASELS, ENJSA, GARAN, MPARK, SOKM. In the next three months, Garanti BBVA Securities expects to receive or intends to seek compensation for investment banking services from the companies covered in this report: DOAS, GARAN

Garanti BBVA Securities makes a market/provides liquidity in the securities of the following companies covered in this report: NA

Garanti BBVA Securities or the Analyst is party to an agreement with regard to the preparation of recommendations for the following companies covered in this report: NA

Garanti BBVA Securities has received compensation for non-investment banking, securities related services or products within the past 12 months from the following companies covered in this report: AKSEN, DOAS, MGROS, PGSUS, TAVHL, TTKOM

Garanti BBVA Securities has received compensation for non-securities related services or products within the past 12 months from the following companies covered in this report: NA

Garanti BBVA Securities trades or may trade as a principal in the debt securities, or related derivatives, that are the subject of this report.

Garanti BBVA Securities is subject to a Code of Conduct and to Internal Standards of Conduct on the Security Markets, which details the standards of the above-mentioned overall policy. Among other regulations, it includes rules to prevent and avoid conflicts of interests with the ratings given, including information barriers. This Code and the Internal Standards of Conduct on the Security Markets are available for reference in the 'Policies and Procedures' section of the following web site: www.garantibbvayatirim.com.tr

Equities - Rating System, Distribution and History

We have three ratings for stocks based on our current expectations of relative returns over a twelve month period:

(i) **OUTPERFORM (OP):** As of the first issuance date of the rating, the stock's return is expected to exceed the return of the BIST100 over the next 12 months

(ii) **MARKET PERFORM (MP):** As of the first issuance date of the rating, the stock's return is expected to be in line with the BIST100 over the next 12 months

(iii) **UNDERPERFORM (UP):** As of the first issuance date of the rating, the stock's return is expected to fall below the return of the BIST100 over the next 12 months

Factors which may influence our ratings include: current market prices and conditions, operating issues and financing needs, macroeconomic trends and outlook, mergers and acquisitions and valuation. Valuation methods used by Garanti BBVA Securities include multiples of comparable companies, discounted cash flows, sum of the parts and other generally accepted methods that may apply to a particular case.

Price targets are provided based on the methodology explained above. Note that actual outcomes and results could materially differ from what is expressed, implied or forecasted in these price targets, as these involve risks, uncertainties and assumptions that are beyond the ability of Garanti BBVA Securities to control or predict. Future actions, conditions or events (affecting both market and non-market conditions, including those of a political or macroeconomic nature) and future results of the operations of subject companies may cause stock prices to differ materially from those expressed in this document.

As of today, for all the companies which Garanti BBVA Securities has under its coverage there are 38% Outperform ratings, 50% Market Perform ratings and 5% Underperform ratings; 3% of the coverage is Under Revision and two stocks are Not Rated. Garanti BBVA Securities has rendered investment banking services or has participated as manager and/or co-manager in public offerings in 21% of the Outperform ratings, 0% of the Market Perform ratings and in 0 % of the Underperform ratings.

Over the past twelve months, for all the companies which Garanti BBVA Securities has under coverage, there has been an end of the month- average of 48% Outperform ratings, 45% Market Perform ratings and 3% Underperform ratings; 2% Under Revision and two stocks (3%) are Not Rated. Garanti BBVA Securities has rendered investment banking services or participated as manager and/or co-manager in public offerings for an end of the month average of 10% of the Outperform ratings, 4% of the Market Perform ratings and 0% of the Underperform ratings.

GarantiBBVA's ratings on equities over the past three years are available at:

http://rapor.garantibbvayatirim.com.tr/arastirma/Recommendation_History.pdf

Analyst Certification

The research analysts included on the front page of this report hereby certify that: (i) the views expressed in this report accurately reflect their personal views about the subject companies and their securities and (ii) no part of their compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this report.

Disclaimer

This document and the information, opinions, estimates and recommendations expressed herein, have been prepared by Garanti BBVA Securities to provide its customers with general information and are current as of the date hereof and subject to changes without prior notice. Garanti BBVA Securities is not responsible for giving notice of such changes or for updating the contents hereof.

The investment information, comments and advice provided herein are not part of the investment advisory activity. Investment advisory services are provided by authorized institutions to persons and entities privately by considering their risk and return preferences. The comments and advice included herein are of a general nature. Therefore, they may not fit to your financial situation and risk and return preferences. For this reason, making an investment decision only by relying on the information given herein may not give rise to results that fit your expectations.

This document and its contents do not constitute an offer, invitation or solicitation to purchase or subscribe to any securities or other instruments, or to undertake or divest investments. Neither shall this document nor its contents form the basis of any contract, commitment or decision of any kind.

Therefore, investors should make their own investment decisions considering the said circumstances and obtaining such specialized advice as may be necessary. The information in this report has been obtained by Garanti BBVA Securities from sources believed to be reliable. However, Garanti BBVA Securities cannot guarantee the accuracy, adequacy, or completeness of such information, and cannot be responsible for the results of investment decisions made on account of this report. To the extent permitted by law, Garanti BBVA Securities accepts no liability of any type for any direct or indirect losses or damages arising from the use of this document or its contents. Investors should note that the past performance of securities or instruments or the historical results of investments do not guarantee future performance.

Garanti BBVA Securities or any of its salespeople, traders and other professionals may provide oral or written market commentary or trading strategies to its clients that reflect opinions that are contrary to the opinions expressed herein. Furthermore, Garanti BBVA Securities' proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. No part of this document may be: (i) copied, photocopied or duplicated by any other form or means, (ii) redistributed, or (iii) quoted, without the prior written consent of Garanti BBVA Securities. No part of this report may be copied, conveyed, distributed or furnished to any person or entity in any country (or persons or entities in the same) in which its distribution is prohibited by law. More specifically, this document is in no way intended for, or to be distributed or used by an entity or person resident or located in a jurisdiction in which the said distribution, publication, use of or access to the document contravenes the law which requires Garanti BBVA Securities to obtain a licence or be registered. Failure to comply with these restrictions may breach the laws of the relevant jurisdiction.

The remuneration system concerning the analysts responsible for the preparation of this report is based on multiple criteria, including the revenues obtained by Garanti BBVA Securities and, indirectly, the results of Garanti BBVA Securities in the fiscal year, which, in turn, include the results generated by the investment banking business; nevertheless, they do not receive any remuneration based on revenues from any specific transaction in investment banking.

The market prices of securities or instruments or the results of investments could fluctuate against the interests of investors. Investors should be aware that they could even face a loss of their investment. Transactions in futures, options and securities or high-yield securities can involve high risks and are not appropriate for every investor. Indeed, in the case of some investments, the potential losses may exceed the amount of initial investment and, in such circumstances, investors may be required to pay more money to support those losses. Thus, before undertaking any transaction with these instruments, investors should be aware of their operation, as well as the rights, liabilities and risks implied by the same and the underlying stocks. Investors should also be aware that secondary markets for the said instruments may be limited or even not exist.

No information in this report may be copied, modified, republished or exploited in anyway without the prior consent of Garanti BBVA Securities. Additionally, with respect to our statements above, all our claims and plea rights are covered in the regulations which apply in the countries that this report has been sent to.

General Disclaimer for Readers Accessing the Report through the Internet

In the event that this document has been accessed via the internet or via any other electronic means which allows its contents to be viewed, the following information should be read carefully:

The information contained in this document should be taken only as a general guide on matters that may be of interest. The application and impact of laws may vary substantially depending on specific circumstances. Garanti BBVA Securities does not guarantee that this report and/or its contents published on the Internet are appropriate for use in all geographic areas, or that the financial instruments, securities, products or services referred to in it are available or appropriate for sale or use in all jurisdictions or for all investors or counterparties. Recipients of this report who access it through the Internet do so on their own initiative and are responsible for compliance with local regulations applicable to them.

Changes in regulations and the risks inherent in electronic communications may cause delays, omissions, or inaccuracy in the information contained in this site. Accordingly, the information contained in the site is supplied on the understanding that the authors and editors do not hereby intend to supply any form of consulting, legal, accounting or other advice.

All images and texts are the property of Garanti BBVA Securities and may not be downloaded from the Internet, copied, distributed, stored, re-used, re-transmitted, modified or used in any way, except as specified in this document, without the express written consent of Garanti BBVA Securities. Garanti BBVA Securities reserves all intellectual property rights to the fullest extent of the law.

This document and the information, opinions, estimates and recommendations expressed herein, have been prepared by Garanti BBVA Securities Research Department, to provide its customers with general information regarding the date of issue of the report and are subject to changes without prior notice. All opinions and estimates included in this report constitute our judgment as of this date and are subject to change without notice.

The investment information, comments and advices given herein are not part of investment advisory activity. Investment advisory services are provided by authorized institutions to persons and entities privately by considering their risk and return preferences. Whereas the comments and advices included herein are of general nature. Therefore, they may not fit to your financial situation and risk and return preferences. For this reason, making an investment decision only by relying on the information given herein may not give rise to results that fit your expectations.

This document and its contents do not constitute an offer, invitation or solicitation to purchase or subscribe to any securities or other instruments, or to undertake or divest investments. Neither shall this document nor its contents form the basis of any contract, commitment or decision of any kind.

Investor who have access to this document should be aware that the securities, instruments or investments to which it refers may not be appropriate for them due to their specific investment goals, financial positions or risk profiles, as these have not been taken into account to prepare this report. Therefore, investors should make their own investment decisions considering the said circumstances and obtaining such specialized advice as may be necessary. The information in this report has been obtained by Garanti BBVA Securities Research Department from sources believed to be reliable. However, Garanti BBVA Securities cannot guarantee the accuracy, adequacy, or completeness of such information, and cannot be responsible for the results of investment decisions made on account of this report.

The market prices of securities or instruments or the results of investments could fluctuate against the interests of investors. Investors should be aware that they could even face a loss of their investment. Transactions in futures, options and securities or high-yield securities can involve high risks and are not appropriate for every investor. Indeed, in the case of some investments, the potential losses may exceed the amount of initial investment and, in such circumstances, investors may be required to pay more money to support those losses. Thus, before undertaking any transaction with these instruments, investors should be aware of their operation, as well as the rights, liabilities and risks implied by the same and the underlying stocks.

Investors should also be aware that secondary markets for the said instruments may be limited or even not exist.

This report is to be distributed to professional emerging markets investors only. This report is for private use only and intended solely for the individual(s). No information in this report may be copied, modified, republished or exploited in anyway without the prior consent of Garanti BBVA Securities. Additionally, with respect to our statements above, all our claims and plea rights are covered in the regulations which apply in the countries that this report has been sent to.