

Japan Credit Rating Agency, Ltd. (JCR) announces the following credit ratings.

Republic of Turkey (security code: -)

<Assignment> Unsolicited Rating

Foreign Currency Long-term Issuer Rating:	BB
Outlook:	Stable
Local Currency Long-term Issuer Rating:	BB
Outlook:	Stable

<Withdrawal> Solicited Rating

Foreign Currency Long-term Issuer Rating:	BB+
Local Currency Long-term Issuer Rating:	BB+

Rationale

- (1) The ratings are supported by the country's largest economic base in the Middle East and its relatively restrained government debt. On the other hand, the ratings are constrained by a decline in resilience to external shocks. The Turkish economy, though hard hit by the COVID-19 pandemic, managed to register positive growth in 2020 backed by the government's fiscal stimulus and measures to promote bank lending. On the other hand, domestic credit supply rapidly expanded in the first half of 2020 and in JCR's view the direction of the financial policy also became uncertain as the governor of the central bank was replaced twice in a short period of time following its shift to monetary tightening since the latter half of the year. Due in part to those factors, the Turkish lira depreciated, the inflation rate rose and the foreign currency reserves declined compared to the time of the most recent review of the solicited ratings (April 10, 2020). While the general government debt remained relatively low at 40% of GDP at the end of 2020 even after the fiscal stimulus, funding of the fiscal deficit with foreign currencies spiked towards the end of 2020 though it has turned to easing since the beginning of 2021, leading to JCR's judgement that the country's risks of foreign currency financing in the future have risen. For this reason, JCR has lowered the ratings by one notch compared to the solicited ratings. JCR expects that a further deterioration of foreign currency liquidity would be restrained to some extent as the government and the central bank have indicated their policy to put top priority on curbing inflation through fiscal and monetary tightening. Therefore, it has made the rating outlook Stable.
- (2) In the first half of 2020, Turkey's financial environment rapidly eased following the government's fiscal stimulus, lending promotion measures and a spate of policy rate cuts by the central bank. As a result, the economy grew 1.8% in 2020 contrary to JCR's earlier expectation of negative growth. On the other hand, total imports surged due mainly to increasing gold imports, leading up to a deterioration of the external balance. From mid-2020, the government and the central bank changed their policy to restrain credit supply. However, as the central bank governor was replaced twice in four months, the lira weakened again and the inflation rate rose to upper 10% levels. Both the currency and prices have not come out of instability, barely improving from the time of the previous review of the solicited ratings. The government announced its "New Economic Reform Package" in March 2021, putting policy priorities on improving fiscal discipline, controlling inflation and reducing the current account deficit. This may help alleviate the economic instability to a certain extent. Nevertheless, continued attention needs to be paid to whether growth might be prioritized over currency and price stability, and whether growth overheating might lead up to a deterioration of the external balance.

- (3) The central government's budget deficit modestly widened to 3.4% of GDP in 2020 from 2.9% a year earlier as expenditures increased due to the pandemic but a prospective fall of tax revenues was somehow abated. At the end of 2020, the general government debt stood at 40.0% of GDP, which was relatively restrained considering the impact of the pandemic. On the other hand, the government has significantly increased the issuance of foreign currency-denominated bonds that carry relatively lower interest rates, with the ratio of foreign currency-denominated debt to the total government debt rising to 56.2% at the end of 2020. As the government's external debt redemption has been refinanced with foreign bond issuances and external bank borrowings, its foreign currency financing is unlikely to be hindered in the near future. However, JCR believes that the growing dependence on foreign currencies in fiscal funding would add to the risk of foreign currency financing in the future, and thus caution needs to be exercised. The nonperforming loan ratio in the banking sector fell to 4.0% at the end of March 2021 from the peak-time 5.7% at the end of 2019. This was mainly due to an increased loan balance resulting from the government's lending promotion measures and the relaxation of the criteria for classifying nonperforming loans. The banking sector's capital adequacy ratio stood at 18.0% at the end of March 2021, well above the regulatory level.
- (4) The current account balance ended with a deficit equivalent to 5.1% of GDP in 2020 in a turnaround from a small surplus (0.9% of GDP) in the previous year on reduced exports amid a global economic slowdown caused by the pandemic and on increased imports stemming from the recovery of the domestic economy. A net inflow in the financial account balance was small only at 1.1% of GDP due mainly to a net outflow of portfolio investments equal to 0.8% of GDP, failing to make up for the current account deficit. Due to the deteriorated external balance, the gross foreign currency reserves decreased from USD 92.1 billion at the end of March 2020 at the time of the review of the solicited ratings to USD 86.7 billion at the end of March 2021. The foreign currency reserves has recovered somewhat to USD 92.0 billion as of May 12th, 2021. However, foreign currency-denominated deposits brought to the central bank by domestic banks and the central bank's foreign currency funding through short-term swaps have largely increased in volume. When those are excluded, the balance of the foreign currency reserves has been negative since April 2020. Meanwhile, households and SMEs seem to have hoarded a considerable amount of foreign currencies including gold amid the lira's continuing fall and the decline of firms' foreign currency-denominated borrowing needs. Given that the central bank has been making good use of the circulation of those foreign currencies retained at home and that it is now inclined to shift to a tighter monetary policy in the future, JCR holds that there is little likelihood of the country's foreign currencies being soon depleted.

Atsushi Masuda, Shinichi Endo

Rating

Issuer: Republic of Turkey

<Assignment> Unsolicited Rating

	Rating	Outlook
Foreign Currency Long-term Issuer Rating	BB	Stable
Local Currency Long-term Issuer Rating	BB	Stable

<Withdrawal > Solicited Rating

	Rating	Outlook
Foreign Currency Long-term Issuer Rating	BB+	Negative
Local Currency Long-term Issuer Rating	BB+	Negative

Rating Assignment Date: May 25, 2021

The assumptions for the credit ratings and the definitions of the rating symbols are published as "Types of Credit Ratings and Definitions of Rating Symbols" (January 6, 2014) in Information about JCR Ratings on JCR's website (<https://www.jcr.co.jp/en/>).

Outline of the rating methodology is shown as "Sovereign and Public Sector Entities" (November 7, 2014) in Information about JCR Ratings on JCR's website (<https://www.jcr.co.jp/en/>).

The aforementioned credit ratings are unsolicited. Except in cases of a credit rating for a sovereign, JCR indicates affix "p" after a rating symbol to distinguish it from a rating with solicitation. The undisclosed information, which has material influence on the credit rating, was obtained from the rating stakeholder.



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JCR publishes its press releases regarding the rating actions both in Japanese and in English on the same day. In case that it takes time to translate rating rationale, JCR may publicize the summary version, which will be replaced by the full translated version within three business days. (Regarding Structured Finance products, JCR only publicize the summary version in English.)

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INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

Disclosure Required by Paragraph (a)(1)(ii) of Rule 17g-7

Issuer:	Republic of Turkey
Rating Publication Date:	May 31, 2021

1

The Symbol, Number, or Score in the Rating Scale used to Denote Credit Rating Categories and Notches and, the Identity of the Obligor or the Identity and a Description of the Security or Money Market Instrument as Required by Paragraph (a)(1)(ii)(A) of Rule 17g-7

- Please see the news release. If the credit rating is a private rating, please see the report for private rating.

2

The version of the procedure or methodology used to determine the credit rating; as Required by Paragraph (a)(1)(ii)(B) of Rule 17g-7

- Please see the news release. If the credit rating is a private rating, please see the report for private rating.

3

The Main Assumptions and Principles used in Constructing the Procedures and Methodologies used to Determine the Credit Rating as Required by Paragraph (a)(1)(ii)(C) of Rule 17g-7

- The credit rating methodology assumes, in principle, to be applied to assess the likelihood of a given debt payment in light of its issuer's condition and business environment, etc. in the relevant future. There is certain limitation, however, in the time horizon that the rating foresees.
- The credit rating methodology assumes, in principle, that the factors posted in the below are particularly important for such likelihood to be determined, and that the rating determination is made by evaluating each of them not only quantitatively but also employing qualitative analyses.

A) Economic Base

The likelihood of a given debt payment is highly conditional to the issuing government's ability to maintain/expand the economic base into the future with maintaining soundness of financial systems.

B) Fiscal Base

The likelihood of a given debt payment is highly correlated to fiscal balance, public debt and other factors of the issuing government's fiscal condition.

C) External Positions

The likelihood of a given debt payment is highly correlated to the liquidity positions which change along with the international balance of payments and the international investment position.

D) Social and Political Bases and Economic Policy

The likelihood of a given debt payment is highly conditional to the social and political stability, effectiveness of economic and monetary policies as well as international economics.

E) Related Parties' Stance of Support/ Assistance for the Government

The likelihood of a given debt payment is affected by the stance of the credit enhancement provider and other related parties with regard to their stance of support/ assistance for the issuing government.

F) Order of Seniority in Debt Payment

The likelihood of debt payment can be different between given debts of the same issuer. The likelihood of debt payment for an individual debt is dependent on the issuing government's will, and/ or its rank relative to other debts of the same government in the order of seniority in principal/ interest payment which is determined by design as financial product or by international practice, etc.

4 The Potential Limitations of the Credit Rating as Required by Paragraph (a)(1)(ii)(D) of Rule 17g-7

- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- The objective of the credit rating herewith presented does not include any concerns other than the likelihood of debt payment, such as risks of price changes, market liquidity, etc.
- The credit rating herewith presented is necessary to be reviewed along with possible changes of the issuer of rated objects in its business performance and/ or circumstances which include regulatory environment, and hence subject to possible alteration.

5 Information on the Uncertainty of the Credit Rating as Required by Paragraph (a)(1)(ii)(E) of Rule 17g-7

- The information used for the determination of credit rating as herewith presented is obtained by JCR from the issuer of rated objects and other sources that JCR trusts in terms of accuracy and reliability but possibly contains errors due to human, non-human or other causes. Consequently, the credit rating determined on the grounds of such information does not constitute, explicitly or implicitly, any representation or warrant of JCR on the information itself or any consequences of its use in terms of accuracy, relevance, timeliness, wholeness, market value, or usefulness for any specific purposes.

6 Use of Due Diligence Services of a Third Party in Taking the Rating Action as Required by Paragraph (a)(1)(ii)(F) of Rule 17g-7

- There is no use of any third-party due diligence service in the determination of the credit rating herewith presented.

7 Use of Servicer or Remittance Reports to Conduct Surveillance of the Credit Rating Required by Paragraph (a)(1)(ii)(G) of Rule 17g-7

- There is no use of any servicer or remittance report to conduct surveillance of the credit rating herewith presented.

8 The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule 17g-7

- The information posted in the below, which includes data, is used for the determination of the credit rating herewith presented.
 - A) Informational and explanatory materials presented by the rating stakeholders with regard to the economy and fiscal management policy, etc. of the issuing government
 - B) Statistics and reports published by an independent organization with regard to the economy and fiscal status, etc. of the issuing government

9 Overall assessment of the Quality of Information Available and Considered in Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(I) of Rule 17g-7

- JCR holds its basic policies for securing the quality of information as a base of due diligence for the determination of credit ratings. The information used as a base for the determination of credit rating herewith presented satisfies such policies, which include the publication by the issuer, some independent media or, otherwise, JCR analyst's scrutiny, etc.
- JCR sees no particular weakness in the quality of information used for the determination of the credit rating herewith presented as compared to the information used in other cases of the credit rating for comparable issuers or ratable objects.
- If the credit rating is an Indication, please see the report for Indication.

10 Information Relating to Conflicts of Interest as Required by Paragraph (a)(1)(ii)(J) of Rule 17g-7

- JCR does not receive payment of compensation for the determination of the credit rating herewith presented from either one of those parties who are issuer, underwriter, depositor or sponsor.
- JCR did not receive in the last fiscal year in the past payment of compensation from the same party for any kind of JCR's service other than the determination of public or private credit rating, such as one in the ancillary business.

11 Explanation or Measure of the Potential Volatility of the Credit Rating as Required by Paragraph (a)(1)(ii)(K) of Rule 17g-7

A) Economic Base

The credit rating is subject to alteration if there is an improvement or deterioration of the issuer's economy or financial systems, etc. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

B) Fiscal Base

The credit rating is subject to alteration if the issuer increases/ decreases its fiscal deficit/ surplus and its public debt and thereby makes given debt payment liability less/ more bearable. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

C) External Positions

The credit rating is subject to alteration if there is a change in the issuer's international balance of payments and international investment position and thereby an improvement/ deterioration of its liquidity positions. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

D) Social and Political Bases and Economic Policy

The credit rating is subject to alteration if there is a change in the issuer's social and political conditions or economic/ monetary policies, etc. and thereby an improvement/ deterioration of its economy and fiscal positions. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

E) Related Parties' Stance of Support/ Assistance for the Issuer

The credit rating is subject to alteration if there is a change in the credit enhancement provider or other related parties with regard to their stance of support/ assistance for the issuing government and thereby an improvement/ deterioration of its economy, fiscal positions and liquidity positions. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large.

F) Order of Seniority in Debt Payment

The credit rating is subject to alteration if there is a change in the rated debt's status in the order of seniority relative to other debts, due to improvement/ deterioration of the issuer's fiscal condition and/or will. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large.

G) International Economies

The credit rating is subject to alteration if there is a change in the international economies, commodity or foreign exchange markets, etc. and thereby, through international balance of payments, an improvement/ deterioration in the issuer's fiscal balance or debt payment capacity. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is exceptionally large.

H) Various Events

The credit rating is subject to alteration on occurrence of various events, such as domestic unrest, war, natural disaster, etc. which are unforeseeable at the time when the credit rating is determined, causing a significant change on the issuer's economy, fiscal positions, etc. The resultant alteration of the credit rating could be by a notch but more often than not as much as a few notches.

12

Information on the Content of the Credit Rating, Including the Historical Performance of the Credit Rating and the Expected Probability of Default and the Expected Loss in the Event of Default as Required by Paragraph (a)(1)(ii)(L) of Rule 17g-7

- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- Facts of the probability of default are posted as Form NRSRO Exhibit 1 on the JCR website under the URL:

<https://www.jcr.co.jp/en/service/company/regu/nrsro/>

13

Information on the Sensitivity of the Credit Rating to Assumptions Made as Required by Paragraph (a)(1)(ii)(M) of Rule 17g-7

A) Economic Base

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's economy or financial systems, etc. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's economy or financial systems on some drastic change in environments, etc.

B) Fiscal Base

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's fiscal conditions in terms of annual balance or public debt. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's fiscal condition on some drastic change in its economy.

C) External Positions

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's liquidity positions reflecting improvement or deterioration of the international balance of payments and the international investment position. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's liquidity positions on some drastic change in the country's economic/ fiscal conditions and financing activities, etc.

D) Social and Political Bases and Economic Policies

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's social and political bases and economic/ monetary policies. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the country's situation changes drastically, making the issuer's social and political bases and economic/monetary policies significantly improved or deteriorated.

E) International Economics

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the prospects of the international economies or commodity/ foreign exchange markets, etc. JCR expects the change should be most likely by a notch but could be as much as a few notches, should the economy or the markets change so greatly.

14

Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7

- The credit rating herewith presented is not for an ABS product, and hence no relevant issue.

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Attestation Required by Paragraph (a)(1)(iii) of Rule 17g-7

I, Toshihiko Naito, have responsibility to this Rating Action and to the best of my knowledge:

- A) No part of the credit rating was influenced by any other business activities.
- B) The credit rating was based solely upon the merits of the obligor, security, or money market instrument being rated.
- C) The credit rating was an independent evaluation of the credit risk of the obligor, security, or money market instrument.



Toshihiko Naito
General Manager of International Rating Department

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