

INTERNATIONAL MONETARY FUND

IMF Country Report No. 20/113

REPUBLIC OF NORTH MACEDONIA

April 2020

REQUEST FOR PURCHASE UNDER THE RAPID FINANCING INSTRUMENT—PRESS RELEASE; STAFF REPORT; AND STATEMENT BY THE EXECUTIVE DIRECTOR FOR THE REPUBLIC OF NORTH MACEDONIA

In the context of the Request for Purchase under the Rapid Financing Instrument, the following documents have been released and are included in this package:

- A **Press Release** including a statement by the Chair of the Executive Board.
- The Staff Report prepared by a staff team of the IMF for the Executive Board's consideration on April 10, 2020, following discussions that ended on March 30, 2020, with the officials of the Republic of North Macedonia on economic developments and policies underpinning the IMF arrangement under the Rapid Financing Instrument.
 Based on information available at the time of these discussions, the staff report was completed on April 6, 2020.
- A Statement by the Executive Director for the Republic of North Macedonia.

The IMF's transparency policy allows for the deletion of market-sensitive information and premature disclosure of the authorities' policy intentions in published staff reports and other documents.

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PR20/150

IMF Executive Board Approves EUR 176.53 Million in Financial Support for the Republic of North Macedonia

FOR IMMEDIATE RELEASE

- The IMF approved the disbursement of EUR 176.53 million in emergency financial assistance to North Macedonia to help it cope with the COVID-19 pandemic.
- COVID-19 has taken a major toll on the North Macedonia economy. The authorities quickly responded with targeted and temporary fiscal policy support to limit the social and economic impact of the health emergency.

Washington, DC – April 10, 2020 - The Executive Board of the International Monetary Fund (IMF) today approved a disbursement of SDR 140.3 million (about EUR 176.53 million, US\$191.83 million, 100 percent quota) for the Republic of North Macedonia under the Rapid Financing Instrument (RFI). This financial support will help finance the health and macroeconomic stabilization measures, meet the urgent balance of payments needs arising from the COVID-19 pandemic and catalyze support from the international community.

The RFI provides rapid financial assistance to member countries facing an urgent balance of payments need, without the need for a full-fledged economic program or reviews. Financial assistance under the RFI is provided in the form of immediate disbursements.

Following the Executive Board's discussion of the Republic of North Macedonia, Mr. Tao Zhang, Deputy Managing Director and Acting Chair, issued the following statement:

"North Macedonia's economic outlook has deteriorated substantially due to the COVID-19 pandemic. Real GDP is expected to decline by 4 percent in 2020 due to a fall in both domestic and external demand. This, together with negative shocks to confidence and spillovers from global financial channels, has created an urgent balance of payments need.

"The authorities quickly responded with targeted and temporary fiscal policy support to limit the social and economic impact of the health emergency by protecting the liquidity of companies, preserving jobs and providing social care for the jobless and vulnerable households. Meanwhile, the National Bank of the Republic of North Macedonia (NBRNM) has cut its monetary policy rate and implemented regulatory changes to encourage banks to restructure debts of high-quality borrowers affected by the pandemic. The Government and the NBRNM remain firmly committed to preserving monetary, external and financial sector stability, and stand ready to take any additional measures as needed.

"The authorities have also expressed their strong commitment, once the COVID-19 crisis is over, to rebuilding fiscal buffers and implementing the structural reform agenda to help preserve debt sustainability and speed up income convergence to European Union countries.

"The Fund stands ready to support North Macedonia to combat the pandemic and help the economy to recover."



INTERNATIONAL MONETARY FUND

REPUBLIC OF NORTH MACEDONIA

April 6, 2020

REQUEST FOR PURCHASE UNDER THE RAPID FINANCING INSTRUMENT

EXECUTIVE SUMMARY

Context: North Macedonia's economic outlook has deteriorated substantially due the COVID-19 pandemic. Real GDP is expected to decline by 4 percent due to a fall in both domestic and external demand. This, together with negative shocks to confidence and spillovers from global financial channels, has created an urgent balance of payments need. The elections planned for April 2020 have been postponed, implying that the caretaker government will remain in place for the next months. The Executive Board concluded the 2019 Article IV consultation on a lapse-of-time basis on January 22.

Policy Response: The authorities' policies aim at mitigating the economic and social impact of the crisis and supporting the recovery, while maintaining macroeconomic, financial, and external stability. Fiscal policy support is targeted and temporary, and focuses on protecting employment and poor households. Monetary policy is expected to remain accommodative for now, and the National Bank of the Republic of North Macedonia stands ready to act as needed to protect the de-facto exchange rate peg. Financial sector policies take a prudent approach, encouraging banks to restructure debt of affected borrowers, combined with intensified monitoring.

Request for Financial Assistance: The North Macedonian authorities are requesting financing under the Rapid Financing Instrument (RFI) equivalent to 100 percent of quota (SDR 140.3 million, about €176.7 million). Public debt is sustainable, although risks have increased, and there is adequate capacity to repay the Fund.

Approved By
Jörg Decressin (EUR)
and
Vikram Haksar (SPR)

Discussions were held by teleconference during March 26–30, 2020. The mission discussed with Finance Minister Angelovska, Governor Angelovska Bezhoska, and other senior officials.

The staff team comprised Ms. Barkbu (head), Messrs. Poulain and Mangov (all EUR), Ms. Eble (Resident Representative), and Mr. Nacevski (IMF Local Economist). Mr. Doornbosch and Ms. Harutyunyan (OED) attended some of the meetings. Ms. Maneely and Ms. Tenali (EUR) assisted in the preparation of the report.

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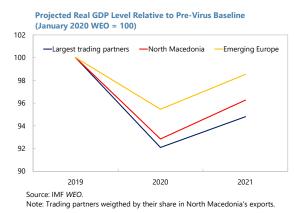
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RECENT DEVELOPMENTS

1. Before the pandemic, the macroeconomic performance was favorable. Growth was solid and broad-based at 3.6 percent in 2019 and was expected to soften to 3.4 percent in 2020. The fiscal deficit reached 2 percent of GDP in 2019, keeping public debt stable at 48 percent of GDP, and was projected to widen to 2½ percent of GDP in 2020 mainly due to higher pension benefits and a public sector wage hike. The external position was broadly in line with fundamentals, and reserve coverage reached 114 percent of the Fund's Assessing Reserve Adequacy (ARA) metric in 2019. The banking system was well capitalized and liquid, and non-performing loans relatively low, but efforts were needed to mitigate the indirect credit risks from the high share of FX lending, the widespread use of adjustable-rate loans, and high lending concentrations. Over the past years, crucial governance and institutional reform have demonstrated the authorities' commitment to tackling long-standing challenges. As a result, in March, the EU finally agreed to start accession negotiations with North Macedonia, a major milestone.

IMPACT OF COVID-19

- 2. The rapid spread of COVID-19 is taking a major toll on the economy. North Macedonia has 555 confirmed cases of COVID-19, and has declared a state of emergency, closed its borders and imposed severe social-distancing restrictions to slow down the spread of the virus. While necessary, these containment measures are expected to curtail domestic economic activity. The downturn will be amplified by spillovers from the global recession. Financial market turbulence, combined with the postponement of the political elections, has made the prospects of the authorities' plan to issue a €500 million Eurobond in the summer more uncertain. At the same time, the government's financing need has increased.
- 3. Staff project real GDP to contract by 4 percent in 2020, a reduction by 7½ percentage points relative to the Article IV report published in January 2020. Private consumption is expected to fall as disposable income comes under pressure amid rising unemployment and as spending on travel, hospitality and entertainment is slashed due to regulatory restrictions. Private investment should also experience negative growth, as plans are delayed toward the end of the year, and exports are projected to decline, as the European automotive industry



stops production. While in the baseline growth resumes in the second half of 2020, the output level will recover only slowly, and not converge to the pre-virus baseline even over the medium term.

4. The fiscal position is expected to deteriorate. The containment measures will sharply reduce firms' profits, employment, and consumption, creating sizeable revenue shortfalls relative to

budgeted amounts. At the same time, spending on health, as well as unemployment and social benefits, is likely to be higher than budgeted. In addition, the authorities have taken measures to support economic activity. As a result, staff expect the general government deficit to increase to 6½ percent of GDP in 2020 before receding to about 3 percent in 2021.

- 5. Absent additional external financing, reserve coverage would fall as remittances and FDI inflows drop. Remittances and FX cash exchanges are expected to fall as migrants' income abroad shrink. With investment plans likely to be delayed, net FDI inflows are also projected to decline. As a result, reserve coverage would decrease to 87 percent of the ARA metric by end-2020, absent IMF and other external financing such as the potential Eurobond issuance.
- 6. In this context, the authorities have requested a purchase under the Rapid Financing Instrument (RFI) to address the urgent fiscal and balance of payments needs, see the attached Letter of Intent (LOI). The purchase will help provide the government with much needed liquidity, while helping to preserve international reserves, thus protecting the de-facto exchange rate peg.

ECONOMIC POLICIES

- 7. The authorities are taking actions to mitigate the economic impact, as outlined in their attached Letter. The government implemented in March a 0.2 percent of GDP package of targeted and temporary fiscal measures to provide cash-flow relief to affected firms and protect jobs (LOI ¶2). The National Bank of the Republic of North Macedonia (NBRNM) cut its policy rate, amid lower-than-expected inflation. The NBRNM has also taken steps to encourage banks to restructure loans to affected borrowers, subject to closer monitoring on a case-by-case basis (LOI ¶3). The NBRNM has lengthened the limit for classifying loans as NPLs from 90 to 150 days. While temporary, with the limit to return to 90 days by end-2020, staff consider that such a weakening of loan classification standards can hamper the proper assessment of credit risk, and encouraged the authorities to closely monitor developments and avoid any further relaxation of loan classification or provisioning standards.
- 8. In the near term, the focus should be on limiting the macro-financial and social impact of the crisis, while maintaining a sound policy framework to support the recovery.
- Fiscal policy support should be well-targeted and temporary. In this vein, the authorities have announced an additional package of measures, including a wage subsidy to protect employment in the private sector (about 1 percent of GDP) and transfers to poor households during the second quarter of 2020 (LOI ¶2). To help offset the costs, they will defer capital expenditure, and implement temporary cuts to the public sector wage bill and purchase of goods and services. Given the country's large infrastructure needs, cuts to capital expenditure should be temporary. Bolstering the capacity of the health care system to address the COVID-19 shock should remain a priority.
- The NBRNM needs to balance the need to support the economy through providing liquidity, with the objective of protecting the exchange rate peg. Inflation remains low, at

- 0.7 percent year-on-year in February, and is expected to move into negative territory in the next months. The NBRNM has intervened in the past month to stabilize the exchange rate and should stand ready to take action as necessary to protect the peg.
- Preserving financial stability remains a priority. Over the past years, banks have strengthened their liquidity and capital positions, with the banking system's capital adequacy ratio at 16.3 percent at end-2019. These buffers now provide an important line of defense against potential losses. To facilitate prudent restructuring and support banks' ability to finance the economy during the downturn, staff encourages the NBRNM to explore further steps that make use of the flexibility in the regulatory framework, such as permitting banks to draw down the capital conservation buffer that is designed to be used in periods of stress. This would require careful capital and liquidity planning by banks, together with enhanced monitoring and reporting by the NBRNM. Freed-up resources could not be used to distribute dividends, pay out cash bonuses or initiate share buybacks. The NBRNM should continue to monitor banks' liquidity intensively and stand ready to act as needed to address any stress.

MODALITIES OF FUND FINANCIAL SUPPORT

9. The pandemic has created an urgent balance of payments need (LOI ¶3). The downturn has increased the general government deficit. Some of the government's net financing need can be covered through domestic and external banks, and by drawing down government deposits at the central bank. Moreover, the EU and the World Bank are expected to contribute with at least €95 million in budget support and for measures to alleviate the social and economic impact of the pandemic, though discussions are at an early stage. On this basis, staff project a remaining fiscal and external gap of about €213 million, after Fund financial assistance (Text Table 1 and Table 6). The RFI purchase would help keep reserve coverage at 93 percent of the ARA metric at end-2020 (Text Table 2). A potential Eurobond issuance would help close this gap.

| Text Table 1. Fiscal and External Financing, 202 | 20–21 (€ m | illion) |
|---|---|---|
| Total Financing Requirement (Gross) Central Government Deficit Gross Amortizations Domestic External Private Official | 2020 1,969 727 1,242 803 439 360 79 | 2021 1,923 371 1,552 821 732 644 88 |
| Total Financing Sources (Gross) Government deposits at the NBRNM (budget account) Flow from Denar budget account Flow from FX budget account Domestic External Private Official | 1,485 100 45 55 1,178 207 120 87 | 1,923 -20 -9 -11 1,239 704 555 149 |
| Fiscal and External Gap IMF – RFI European Union/World Bank Remaining unidentified financing | 484 177 95 213 | 0 0 0 |

Text Table 2. Reserve Coverage under Different Scenarios

| | Gross International Reserves | Coverage |
|------------------------------------|------------------------------|----------------------------|
| | (in million euro) | (in percent of ARA metric) |
| 2019 | 3,263 | 114 |
| Current (March 31, 2020) | 3,017 | 103 |
| 2020 projections | | |
| w/o Exceptional External Financing | 2,525 | 87 |
| with RFI purchase only | 2,701 | 93 |
| with financing gap closed | 3,009 | 103 |

Sources: NBRNM and IMF staff estimates

- 10. Staff consider RFI access at the annual limit (100 percent of quota) as appropriate. Fund support would be disbursed to the central bank and on-lent to the government, to cover COVID-19-related spending. In light of the health emergency, the authorities are not in a position to design or implement a Fund-supported program at this time. Given the authorities' commitments and policy plans (LOI ¶4), as well as the country's track record of economic policies and relations with the Fund, staff expect that the authorities will cooperate with the Fund and pursue economic policies appropriate for addressing the impact of the virus.
- 11. The DSA finds that debt under the current baseline is sustainable, but that risks have increased significantly. Public debt is projected to stabilize at about 55 percent of GDP in the medium term and remain below the high-risk threshold also in the stress tests. However, financing needs in 2020–21 exceed the high-risk thresholds. Financing needs would also be a substantial source of downside risk in the event of further shocks, including potential contingent liabilities. The authorities are committed to consolidate public finances over the medium term, which is necessary to place debt firmly on a downward path.
- **12. North Macedonia's capacity to repay the Fund is adequate.** The proposed RFI purchase represents 1.6 percent of 2020 GDP and 5.8 percent of projected 2020 international reserves (Table 7). Repurchases and charges are projected to peak in 2024 at 2.4 percent of projected reserves and 1 percent of projected exports of goods and services. On March 6, S&P maintained its BB- rating for North Macedonia with a stable outlook. The authorities have an excellent track record in servicing their obligations and proven ability to access international markets in normal times.
- **13. Finally, the authorities have committed to undergoing a safeguards assessment** (LOI ¶6). The NBRNM will provide staff with its most recently completed external audit reports and authorize the external auditors to hold discussions with staff. IMF funds will be disbursed into the government's account at the NBRNM and the government and the NBRNM have prepared a memorandum of understanding regarding the repayment of the funds.

RISKS

14. Downside risks are exceptionally large, mainly associated with the economic and financial impact of the pandemic. The baseline assumes that the containment measures are gradually lifted in the second half of 2020, triggering a growth rebound in the second half of the year. A prolongation or more severe spread of COVID-19 could plunge the country into a deeper and more long-lasting recession. While private transfers (including remittances) have increased in past crises, they could fall more than anticipated, increasing the external financing need. A larger-than-projected drop in government revenue may increase the government's financing need. If the shock proves much larger than the shocks assumed in the DSA, it could also jeopardize debt sustainability. A protracted period of global financial volatility and risk aversion may further delay the authorities' ability to tap financial markets, putting additional pressure on international reserves and the exchange rate peg. The upcoming elections could trigger uncertainty. On the upside, the recently agreed opening of EU accession negotiations could provide a welcome boost in confidence, additional EU financing, and renewed reform impetus in the next years.

STAFF APPRAISAL

- 15. In view of the urgent external financing need, staff support the authorities' request for a purchase under the RFI. Economic activity is expected to contract sharply in 2020 caused by the rapidly evolving COVID-19 crisis, before rebounding in 2021, although the uncertainty around the forecast is unusually large. The authorities have already taken strong measures to slow the spread of the virus and mitigate the immediate economic and social impact, but the fiscal deficit is expected to widen sharply while domestic financing sources are limited. The proposed purchase in the amount of SDR 140.3 million, equivalent to 100 percent of quota, will support the authorities' efforts and contribute to filling the external financing requirements in 2020.
- 16. The authorities remain committed to ensuring macroeconomic stability and debt sustainability. Staff judge public debt to be sustainable under the current baseline and the country to be able to repay its obligation to the Fund. However, the government's financing needs are elevated in the near term and could rise significantly in the face of further shocks. It will be essential for the authorities to take measures as needed to mitigate risks and preserve macroeconomic, financial and external stability. Once the COVID-19 crisis has been overcome, the authorities' strong commitment to rebuilding fiscal buffers and implementing the structural reform agenda will help preserve debt sustainability and speed up income convergence. Staff stand ready to assist the authorities in addressing both the immediate and medium-term policy challenges.

Box 1. North Macedonia: Debt Sustainability Assessment

Bottomline: North Macedonia's debt is assessed as sustainable in the current baseline. However, from a liquidity perspective, financing needs exceed the high-risk threshold in the baseline scenario and more so in the stress scenarios.

Baseline

Public sector debt is expected to stabilize at about 55 percent of GDP over the medium term, below the 70 percent of GDP high-risk threshold. Gross financing needs will temporarily exceed the 15 percent of GDP high-risk threshold in 2020 and 2021 due to the COVID-19 crisis.

Public debt is set to increase markedly in 2020, reflecting the sharp but temporary rise in the general government deficit due to the COVID-19 crisis, before gradually stabilizing over the medium term. The authorities are committed to consolidate over the medium term, which would place debt on a downward path.

The peak in gross financing needs in 2020–21 reflects the higher deficit and repayment of Eurobonds and syndicated bank loans.

Stress Tests

The public sector debt level does not breach the high-risk threshold in any of the stress test scenarios. However, as in the baseline, gross financing needs exceed the threshold in 2020–21. Additionally, in the combined macro-fiscal shock, gross financing needs exceed the threshold also in 2023. Forecast error analysis suggests no systematic bias in historical projections.

The stress tests demonstrate the risks associated with the government's high public financing needs, as well as the considerable share of FX-denominated debt. The primary balance shock assumes that only half of the projected yearly reduction in the primary deficit materializes after the sharp increase in 2020, which represents a severe downside scenario relative to the baseline where the COVID-19 shock is temporary.

Assumptions

Real GDP is expected to contract by 4 percent in 2020, driven by a sharp fall in both domestic and external demand, then recover toward the pre-COVID-19 baseline over the medium term. Headline inflation is projected to be negative in 2020 and only gradually increase to 2 percent over the medium term. The fiscal deficit is projected to increase sharply in 2020, due to automatic stabilizers and measures taken to support the economy.

Private consumption is expected to contract as disposable income comes under pressure amid rising unemployment and as spending on travel, hospitality and entertainment is slashed due to regulatory restrictions. Private investment plans are expected to be delayed, due to uncertainty, and exports would contract due to weak global demand. Downside risks are exceptionally large, mainly reflecting uncertainty about the duration and spread of the pandemic, globally and in North Macedonia.

Coverage and Contingent Liabilities

North Macedonia's public debt includes guaranteed debt of state-owned enterprises. The stress test scenarios include a standard scenario where contingent liabilities related to the banking system materialize.

Publicly guaranteed debt of state-owned enterprises rose from 2½ percent of GDP in 2008 to about 8 percent of GDP in 2019, mainly due to public transport infrastructure projects by the public roads company.

Figure 1. North Macedonia Public Sector Debt Sustainability Analysis (DSA)—Baseline Scenario

(in percent of GDP unless otherwise indicated)

Debt, Economic and Market Indicators 1/

| | A | ctual | | | | Projec | tions | | | As of Mai | rch 30, 2 | 020 |
|---|-----------|--------------------|------|------|------|--------|-------|------|------|-----------|-----------|-------|
| | 2009-2017 | ^{2/} 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | Sovereign | Spreads | |
| Nominal gross public debt | 37.5 | 47.6 | 47.8 | 55.5 | 55.7 | 56.0 | 55.8 | 55.8 | 55.8 | EMBIG (b) | p) 3/ | 289 |
| Public gross financing needs | 15.9 | 13.3 | 10.5 | 19.9 | 18.0 | 12.4 | 13.3 | 10.8 | 13.3 | 5Y CDS (b | pp) | n.a. |
| Real GDP growth (in percent) | 2.1 | 2.7 | 3.6 | -4.0 | 7.0 | 4.5 | 4.0 | 3.5 | 3.5 | Ratings | Foreign | Local |
| Inflation (GDP deflator, in percent) | 2.3 | 3.9 | 2.4 | 2.7 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | Moody's | n.a. | n.a. |
| Nominal GDP growth (in percent) | 4.5 | 6.7 | 6.0 | -1.4 | 8.6 | 6.6 | 6.1 | 5.6 | 5.6 | S&Ps | BB- | BB- |
| Effective interest rate (in percent) 4/ | 3.1 | 2.9 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.8 | Fitch | BB+ | BB+ |

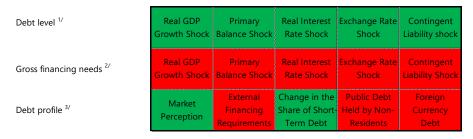
Contribution to Changes in Public Debt

| | Ad | tual | | | | | | | Projec | tions | | |
|--|----------|------|------|-----|------|------|------|------|--------|-------|------------|------------------|
| 20 | 009-2017 | 2018 | 2019 | - 2 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | cumulative | debt-stabilizing |
| Change in gross public sector debt | 2.5 | 1.4 | 0.2 | | 7.8 | 0.2 | 0.3 | -0.2 | 0.0 | 0.0 | 8.0 | primary |
| Identified debt-creating flows | 2.4 | 0.9 | 0.0 | | 7.8 | 0.2 | 0.3 | -0.2 | 0.0 | 0.0 | 8.0 | balance 9/ |
| Primary deficit | 2.7 | 1.2 | 1.7 | | 6.6 | 3.0 | 2.2 | 1.4 | 1.4 | 1.4 | 15.9 | -1.4 |
| Primary (noninterest) revenue and grants | 29.1 | 28.6 | 29.2 | | 27.6 | 29.3 | 29.4 | 29.4 | 29.4 | 29.5 | 174.6 | |
| Primary (noninterest) expenditure | 31.8 | 29.8 | 30.9 | | 34.2 | 32.3 | 31.6 | 30.8 | 30.8 | 30.8 | 190.5 | |
| Automatic debt dynamics 5/ | -0.6 | -1.7 | -1.4 | | 2.0 | -3.0 | -2.0 | -1.8 | -1.5 | -1.5 | -7.7 | |
| Interest rate/growth differential ^{6/} | -0.6 | -1.7 | -1.4 | | 2.0 | -3.0 | -2.0 | -1.8 | -1.5 | -1.5 | -7.7 | |
| Of which: real interest rate | 0.2 | -0.5 | 0.2 | | 0.1 | 0.6 | 0.3 | 0.3 | 0.4 | 0.4 | 2.1 | |
| Of which: real GDP growth | -0.8 | -1.2 | -1.6 | | 1.9 | -3.6 | -2.4 | -2.1 | -1.9 | -1.9 | -9.9 | |
| Exchange rate depreciation ^{7/} | 0.0 | 0.0 | 0.0 | | | | | | | | | |
| Other identified debt-creating flows | 0.2 | 1.4 | -0.3 | | -0.9 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | -0.1 | |
| Privatization receipts (negative) | 0.0 | 0.0 | -0.1 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Contingent liabilities | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Changes in cash, deposits, and securities held for liquidity purpose | es 0.3 | 1.5 | -0.2 | | -0.9 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | -0.1 | |
| Residual, including asset changes ^{8/} | 0.1 | 0.4 | 0.2 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

Source: IMF staff.

- 1/ Public sector is defined as non-financial public sector.
- 2/ Based on available data.
- $3/\, \text{Long-term}$ bond spread over German bonds.
- 4/ Defined as interest payments divided by debt stock (excluding guarantees) at the end of previous year.
- 5/ Derived as $[(r \pi(1+g) g + ae(1+r)]/(1+g+\pi+g\pi))$ times previous period debt ratio, with r = interest rate; $\pi =$ growth rate of GDP deflator; g = real GDP growth rate;
- a = share of foreign-currency denominated debt; and e = nominal exchange rate depreciation (measured by increase in local currency value of U.S. dollar).
- $6/\, The\, real\, interest\, rate\, contribution\, is\, derived\, from\, the\, numerator\, in\, footnote\, 5\, as\, r\, -\, \pi\, (1+g)\, and\, the\, real\, growth\, contribution\, as\, -g.$
- 7/ The exchange rate contribution is derived from the numerator in footnote 5 as ae(1+r).
- 8/ Includes asset changes and interest revenues (if any). For projections, includes exchange rate changes during the projection period.
- 9/ Assumes that key variables (real GDP growth, real interest rate, and other identified debt-creating flows) remain at the level of the last projection year.

Heat Map



Source: IMF staff.

1/The cell is highlighted in green if debt burden benchmark of 70% is not exceeded under the specific shock or baseline, yellow if exceeded under specific shock but not baseline, red if benchmark is exceeded under baseline, white if stress test is not relevant.

2/ The cell is highlighted in green if gross financing needs benchmark of 15% is not exceeded under the specific shock or baseline, yellow if exceeded under specific shock but not baseline, red if benchmark is exceeded under baseline, white if stress test is not relevant.

3/ The cell is highlighted in green if country value is less than the lower risk-assessment benchmark, red if country value exceeds the upper risk-assessment benchmark, yellow if country value is between the lower and upper risk-assessment benchmarks. If data are unavailable or indicator is not relevant, cell is white.

Lower and upper risk-assessment benchmarks are:

200 and 600 basis points for bond spreads; 5 and 15 percent of GDP for external financing requirement; 0.5 and 1 percent for change in the share of short-term debt; 15 and 45 percent for the public debt held by non-residents; and 20 and 60 percent for the share of foreign-currency denominated debt.

Table 1. North Macedonia: Summary of Economic Indicators, 2016–25 (Percent, unless otherwise indicated)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|--------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | | P | rojections | | | |
| Real GDP | 2.8 | 1.1 | 2.7 | 3.6 | -4.0 | 7.0 | 4.5 | 4.0 | 3.5 | 3.5 |
| Real domestic demand | 5.0 | 0.2 | 0.3 | 4.4 | -1.7 | 6.6 | 4.3 | 3.7 | 3.1 | 3.0 |
| Consumption | 2.1 | 1.2 | 3.4 | 3.7 | -0.9 | 4.6 | 3.0 | 2.9 | 2.6 | 2.5 |
| Private consumption | 3.9 | 2.1 | 3.7 | 3.5 | -2.2 | 5.3 | 3.5 | 3.3 | 3.1 | 2.9 |
| Gross investment | 12.5 | -2.2 | -7.3 | 6.6 | -3.7 | 12.0 | 7.8 | 5.8 | 4.3 | 4.1 |
| Exports (volume) | 9.1 | 8.3 | 15.6 | 8.3 | -5.5 | 13.5 | 9.7 | 8.7 | 8.2 | 8.0 |
| Imports (volume) | 11.1 | 5.2 | 9.1 | 9.0 | -2.8 | 11.3 | 8.2 | 7.3 | 6.7 | 6.5 |
| Contributions to growth 1/ | | | | | | | | | | |
| Domestic demand | 6.0 | 0.5 | 8.0 | 5.6 | -2.7 | 8.0 | 5.2 | 4.5 | 3.8 | 3.6 |
| Net exports | -3.2 | 0.6 | 2.0 | -2.1 | -1.3 | -1.0 | -0.7 | -0.5 | -0.2 | -0.1 |
| Output gap (percent of potential GDP) | 1.3 | -0.5 | -0.3 | 0.6 | -6.0 | -2.0 | -0.7 | 0.0 | 0.0 | 0.0 |
| Central government operations (percent of GDP) | | | | | | | | | | |
| Revenues | 28.4 | 29.1 | 28.6 | 29.2 | 27.6 | 29.3 | 29.4 | 29.4 | 29.4 | 29.5 |
| Expenditures | 31.1 | 31.8 | 30.4 | 31.2 | 34.1 | 32.4 | 32.2 | 32.2 | 32.2 | 32.3 |
| Of which: capital | 2.9 | 3.2 | 1.8 | 2.6 | 1.8 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 |
| Balance | -2.7 | -2.7 | -1.8 | -2.0 | -6.5 | -3.1 | -2.8 | -2.8 | -2.8 | -2.8 |
| Savings and investment (percent of GDP) | | | | | | | | | | |
| National saving | 29.7 | 31.9 | 31.8 | 31.3 | 31.3 | 34.2 | 35.5 | 36.4 | 36.8 | 37.0 |
| Public | 0.2 | 0.5 | 0.1 | 0.6 | -4.7 | -0.5 | -0.2 | 0.0 | 0.0 | 0.0 |
| Private | 29.5 | 31.4 | 31.7 | 30.7 | 36.0 | 34.7 | 35.7 | 36.5 | 36.8 | 37.0 |
| Foreign saving | 2.9 | 1.1 | 0.1 | 2.8 | 2.2 | 1.3 | 1.8 | 1.9 | 1.9 | 1.9 |
| Gross investment | 32.5 | 33.0 | 31.9 | 34.1 | 33.5 | 35.5 | 37.3 | 38.3 | 38.7 | 38.9 |
| Consumer prices | | | | | | | | | | |
| Period average | -0.2 | 1.4 | 1.5 | 8.0 | -0.9 | 8.0 | 1.2 | 1.6 | 2.0 | 2.2 |
| End-period | -0.2 | 2.4 | 0.8 | 0.4 | -0.4 | 1.0 | 1.4 | 1.7 | 2.2 | 2.2 |
| Private sector credit growth Memorandum items: | 0.0 | 5.3 | 7.3 | 6.3 | 0.5 | 8.4 | 7.1 | 6.4 | 6.0 | 5.7 |
| | 2.0 | 1.1 | 0.1 | 2.0 | 2.2 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 |
| Current account balance (percent of GDP) | -2.9 | -1.1 | -0.1 | -2.8 | -2.2 | -1.3 | -1.8 | -1.9 | -1.9 | -1.9 |
| Gross official reserves (millions of euros) | 2,613 | 2,336 | 2,867 | 3,263 | 3,009 | 3,119 | 3,351 | 3,534 | 3,768 | 3,967 |
| in percent of IMF ARA Metric | 109 | 92 | 104 | 114 | 103 | 105 | 105 | 108 | 107 | 109 |
| in percent of ST debt | 104.0 4.5 | 82.8 3.6 | 94.7 4.0 | 84.5 5.0 | 71.9 4.2 | 89.0 4.0 | 83.1 3.9 | 97.5 3.8 | 91.1 3.8 | 101.1 3.7 |
| in months of prospective imports | 4.5 39.8 | 39.5 | 40.6 | 40.2 | 4.2 | 4.0 45.9 | 3.9 46.0 | 46.3 | 3.8 46.8 | 3.7 47.2 |
| Gross general government debt (percent of GDP) 2/ Gross Central Gov. & PESR Debt (percent of GDP) 1/ | 39.8 44.3 | 39.5 44.2 | 46.0 | 46.2 | 46.4 53.9 | 45.9 54.3 | 46.0 54.5 | 46.3 54.4 | 46.8 54.4 | 47.2 54.4 |
| Public and publicly quaranteed debt (percent of GDP) 2/ | 44.3 | 46.2 | 46.0 | 46.2 | 55.5 | 54.3 55.7 | 54.5 56.0 | 55.8 | 55.8 | 55.8 |
| Foreign direct investment (percent of GDP) | 3.3 | 1.8 | 5.6 | 2.6 | 1.3 | 3.3 | 3.5 | 4.0 | 4.0 | 4.0 |
| External debt (percent of GDP) | 74.7 | 73.6 | 73.3 | 72.2 | 74.8 | 71.1 | 70.6 | 70.0 | 69.6 | 68.9 |
| Nominal GDP (billions of denars) | 595 | 617 | 658 | 698 | 688 | 71.1 | 70.6 | 845 | 892 | 942 |
| Nominal GDP (millions of euros) | 9,656 | 10,014 | 10,698 | 11,341 | 11,182 | 12,144 | 12,949 | 13,736 | 14,507 | 15.321 |

Sources: NBRNM; SSO; MOF; World Bank; and IMF staff estimates and projections. National Accounts are revised by SSO, using ESA 2010

^{1/} The inconsistency between Real GDP growth and contributions to growth results from discrepancies in the official data on GDP and its

^{2/} The historical debt ratios differ slightly from the numbers reported by MoF due to using end-year debt in local currency divided by local currency

^{3/} Includes general government and public sector non-financial enterprises debt.

| | 2016 | 2017 | 2018 | 2019 | 202 | 0 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| | | | | - | Budget | Proj. | Proj. | Proj. | Proj. | Proj. | Proj. |
| otal Revenues | 169.0 | 179.4 | 188.4 | 203.9 | 222.3 | 189.5 | 219.1 | 234.1 | 248.4 | 262.6 | 277 |
| Tax Revenues and Contributions | 150.4 | 157.5 | 171.0 | 178.9 | 197.2 | 167.4 | 193.6 | 207.0 | 219.6 | 232.2 | 245 |
| PIT | 14.2 | 15.3 | 17.6 | 18.7 | 20.3 | 18.0 | 19.5 | 20.7 | 22.0 | 23.2 | 24 |
| CIT | 10.8 | 11.4 | 14.7 | 11.6 | 16.0 | 6.5 | 15.2 | 17.0 | 18.0 | 19.0 | 20 |
| VAT (net) | 45.9 | 47.9 | 49.3 | 52.1 | 55.7 | 48.7 | 56.1 | 60.7 | 64.4 | 68.3 | 72 |
| Excises | 22.2 | 23.1 | 25.1 | 26.1 | 28.9 | 25.3 | 27.1 | 28.6 | 30.4 | 32.1 | 34 |
| Custom Duties | 4.8 | 5.2 | 5.6 | 6.0 | 6.2 | 5.5 | 6.1 | 6.6 | 7.0 | 7.4 | 7 |
| Other Taxes | 2.2 | 1.9 | 2.2 | 2.3 | 3.0 | 2.3 | 2.5 | 2.6 | 2.8 | 2.9 | 3 |
| Social Contributions | 50.3 | 52.9 | 56.5 | 62.2 | 67.0 | 61.2 | 67.2 | 70.7 | 75.0 | 79.2 | 83 |
| Pensions | 33.8 | 35.6 | 38.0 | 41.9 | 45.4 | 41.5 | 45.5 | 47.8 | 50.8 | 53.6 | 5 |
| Unemployment | 2.2 | 2.3 | 2.4 | 2.6 | 2.8 | 2.6 | 2.8 | 2.9 | 3.1 | 3.3 | |
| Health | 14.3 | 15.0 | 16.1 | 17.6 | 18.9 | 17.2 | 19.0 | 19.9 | 21.1 | 22.3 | 2 |
| Non-Tax Revenues | 12.97 | 13.4 | 12.3 | 18.8 | 17.3 | 16.1 | 17.5 | 18.7 | 19.8 | 20.9 | 2 |
| Capital Revenues | 2.0 | 1.3 | 2.2 | 2.4 | 2.2 | 2.3 | 2.5 | 2.7 | 2.9 | 3.0 | |
| Grants | 3.6 | 7.2 | 3.0 | 3.9 | 5.6 | 3.6 | 5.4 | 5.8 | 6.1 | 6.5 | |
| penditures | 185.0 | 196.3 | 200.0 | 217.5 | 239.7 | 234.2 | 241.9 | 256.3 | 271.8 | 287.5 | 30 |
| Current Expenditures | 168.4 | 176.7 | 187.9 | 199.7 | 215.9 | 221.5 | 222.9 | 235.4 | 248.8 | 262.3 | 27 |
| Wages and salaries | 26.0 | 26.2 | 26.4 | 27.8 | 30.6 | 28.8 | 31.5 | 33.3 | 35.2 | 37.2 | 3 |
| Goods and services | 16.8 | 15.3 | 14.6 | 16.3 | 20.6 | 17.5 | 18.3 | 19.3 | 20.4 | 21.6 | 2 |
| Transfers | 118.9 | 126.8 | 139.3 | 147.6 | 156.5 | 166.8 | 163.5 | 172.4 | 182.1 | 191.7 | 20 |
| Pension fund expenditures | 54.6 | 58.1 | 61.2 | 65.2 | 68.9 | 68.9 | 70.0 | 73.9 | 77.9 | 82.2 | 8 |
| Health | 25.6 | 27.0 | 28.9 | 30.8 | 33.7 | 34.6 | 34.2 | 36.2 | 38.4 | 40.5 | 4 |
| Other | 38.7 | 41.6 | 49.1 | 51.5 | 53.9 | 63.4 | 59.3 | 62.3 | 65.8 | 68.9 | 7 |
| Interest | 6.8 | 8.4 | 7.7 | 8.1 | 8.3 | 8.4 | 9.6 | 10.3 | 11.0 | 11.8 | |
| Capital Expenditures | 17.0 | 19.9 | 12.1 | 17.8 | 23.8 | 12.7 | 19.0 | 20.9 | 23.1 | 25.2 | : |
| Lending minus repayment 1/ | -0.4 | -0.3 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| verall fiscal balance | -16.1 | -16.9 | -11.6 | -13.6 | -17.4 | -44.7 | -22.8 | -22.2 | -23.5 | -25.0 | -2 |
| imary fiscal balance | -9.3 | -8.5 | -3.9 | -5.5 | -9.1 | -36.3 | -13.2 | -11.9 | -12.4 | -13.2 | -: |
| nancing | 16.1 | 16.9 | 11.6 | 13.6 | 17.4 | 44.7 | 22.8 | 22.2 | 23.5 | 25.0 | |
| Domestic, net | -3.4 | 21.3 | -5.3 | 9.9 | -1.0 | 29.2 | 24.5 | 4.2 | 24.3 | 16.3 | 3 |
| Central Bank deposits | -5.3 | 10.5 | -9.6 | 1.2 | -1.1 | 6.2 | -1.3 | -1.3 | -1.3 | -1.3 | |
| Other net domestic financing | 1.9 | 10.8 | 4.3 | 8.7 | 0.1 | 23.1 | 25.8 | 5.4 | 25.5 | 17.6 | 3 |
| Privatization receipts | 0.2 | 0.4 | 0.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Foreign, net | 19.3 | -4.8 | 16.6 | 3.0 | 18.3 | 15.5 | -1.7 | 18.0 | -0.8 | 8.6 | |
| lemo items: | | | | | | | | | | | |
| Gross general government debt (in percent of GDP) 2/ | 39.8 | 39.5 | 40.6 | 40.2 | 40.9 | 46.4 | 45.9 | 46.0 | 46.3 | 46.8 | |
| Nominal GDP (billions of denars) | 595 | 617 | 658 | 698 | 740 | 688 | 747 | 796 | 845 | 892 | |
| Stock of government deposits at the NBRM (billions of denars eop) | 33 | 22 | 35 | 32 | | 26 | 27 | 28 | 29 | 31 | |
| EUD) | | | | | | | | | | | |

Sources: MoF and IMF staff estimates.

^{1/} Results from excluding: (i) revenues from lending; and (ii) lending guarantees from current expenditures.
2/ The historical debt ratios differ slightly from the numbers reported by MoF due to using end-year debt in local currency divided by local currency GDP.
3/ Includes general government and non-financial SOEs.

| (Percent of | UDF | , uille | 533 Uti | ICI VVIS | se illui | Cateu |) | | | | |
|---|------|---------|---------|----------|----------|-------|-------|-------|-------|-------|-------|
| | 2016 | 2017 | 2018 | 2019 | 202 | 20 | 2021 | 2022 | 2023 | 2024 | 2025 |
| | | | | _ | Budget | Proj. | Proj. | Proj. | Proj. | Proj. | Proj. |
| Total Revenues | 28.4 | 29.1 | 28.6 | 29.2 | 30.0 | 27.6 | 29.3 | 29.4 | 29.4 | 29.4 | 29.5 |
| Tax Revenues and Contributions | 25.3 | 25.5 | 26.0 | 25.6 | 26.6 | 24.3 | 25.9 | 26.0 | 26.0 | 26.0 | 26.0 |
| PIT | 2.4 | 2.5 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| CIT | 1.8 | 1.8 | 2.2 | 1.7 | 2.2 | 0.9 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 |
| VAT (net) | 7.7 | 7.8 | 7.5 | 7.5 | 7.5 | 7.1 | 7.5 | 7.6 | 7.6 | 7.7 | 7.7 |
| Excises | 3.7 | 3.7 | 3.8 | 3.7 | 3.9 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| Custom Duties | 0.8 | 8.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| Other Taxes | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Social Contributions | 8.5 | 8.6 | 8.6 | 8.9 | 9.1 | 8.9 | 9.0 | 8.9 | 8.9 | 8.9 | 8.9 |
| Non-Tax Revenues | 2.18 | 2.2 | 1.9 | 2.7 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| Capital Revenues | 0.3 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Grants | 0.6 | 1.2 | 0.5 | 0.6 | 0.8 | 0.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| Expenditures | 31.1 | 31.8 | 30.4 | 31.2 | 32.4 | 34.1 | 32.4 | 32.2 | 32.2 | 32.2 | 32.3 |
| Current Expenditures | 28.3 | 28.7 | 28.6 | 28.6 | 29.2 | 32.2 | 29.8 | 29.6 | 29.4 | 29.4 | 29.4 |
| Wages and salaries | 4.4 | 4.2 | 4.0 | 4.0 | 4.1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| Goods and services | 2.8 | 2.5 | 2.2 | 2.3 | 2.8 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| Transfers | 20.0 | 20.6 | 21.2 | 21.2 | 21.1 | 24.3 | 21.9 | 21.6 | 21.5 | 21.5 | 21.5 |
| Pension fund expenditures | 9.2 | 9.4 | 9.3 | 9.4 | 9.3 | 10.0 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 |
| Health | 4.3 | 4.4 | 4.4 | 4.4 | 4.6 | 5.0 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 |
| Other | 6.5 | 6.8 | 7.5 | 7.4 | 7.3 | 9.2 | 7.9 | 7.8 | 7.8 | 7.7 | 7.7 |
| Interest | 1.1 | 1.4 | 1.2 | 1.2 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Capital Expenditures | 2.9 | 3.2 | 1.8 | 2.6 | 3.2 | 1.8 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 |
| Lending minus repayment 1/ | -0.1 | 0.0 | 0.0 | 2.0 | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| Overall fiscal balance | -2.7 | -2.7 | -1.8 | -2.0 | -2.3 | -6.5 | -3.1 | -2.8 | -2.8 | -2.8 | -2.8 |
| Primary fiscal balance | -1.6 | -1.4 | -0.6 | -0.8 | -1.2 | -5.3 | -1.8 | -1.5 | -1.5 | -1.5 | -1.5 |
| Financing | 2.7 | 2.7 | 1.8 | 2.0 | 2.3 | 6.5 | 3.1 | 2.8 | 2.8 | 2.8 | 2.8 |
| Domestic | -0.6 | 3.5 | -0.8 | 1.4 | -0.1 | 4.2 | 3.3 | 0.5 | 2.9 | 1.8 | 3.2 |
| Central Bank deposits | -0.9 | 1.7 | -1.5 | 0.2 | -0.1 | 0.9 | -0.2 | -0.2 | -0.1 | -0.1 | -0.1 |
| Other domestic financing | 0.3 | 1.7 | 0.7 | 1.2 | 0.0 | 3.4 | 3.4 | 0.7 | 3.0 | 2.0 | 3.4 |
| Foreign | 3.2 | -0.8 | 2.5 | 0.4 | 2.5 | 2.3 | -0.2 | 2.3 | -0.1 | 1.0 | -0.4 |
| Memo items: | | | | | | | | | | | |
| Gross general government debt (in percent of GDP) 3/ | 39.8 | 39.5 | 40.6 | 40.2 | 40.9 | 46.4 | 45.9 | 46.0 | 46.3 | 46.8 | 47.2 |
| Nominal GDP (billions of denars) | 595 | 617 | 658 | 698 | 739.9 | 688 | 747 | 796 | 845 | 892 | 942 |
| Stock of government deposits at the NBRM (billions of denars | 33 | 22 | 35 | 32 | | 26 | 27 | 28 | 29 | 31 | 32 |
| eop) | | | | | | _0 | | _0 | | | 52 |
| Public and publicly guaranteed debt (in percent of GDP) 2/ 3/ | 46.7 | 46.2 | 47.6 | 47.8 | 52.9 | 55.5 | 55.7 | 56.0 | 55.8 | 55.8 | 55.8 |

Sources: MoF and IMF staff estimates.

^{1/} Results from excluding: (i) revenues from lending; and (ii) lending guarantees from current expenditures.

^{2/} The historical debt ratios differ slightly from the numbers reported by MoF due to using end-year debt in local currency divided by local currency GDP.

^{3/} Includes general government and non-financial SOEs.

Table 3a. North Macedonia: Balance of Payments, 2016–25

(Millions of euros, unless otherwise indicated)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 202 |
|--|-------|-------|-------|-------|-------|--------|-------|-------|-------|----------|
| | | | | | | Projec | tions | | | |
| Current account | -275 | -105 | -15 | -314 | -243 | -159 | -229 | -261 | -269 | -28 |
| Trade balance | -1813 | -1787 | -1735 | -1966 | -1816 | -1960 | -2109 | -2242 | -2327 | -241 |
| Exports | 3529 | 4075 | 4881 | 5325 | 4803 | 5326 | 5854 | 6416 | 7066 | 776 |
| Imports | 5342 | 5862 | 6616 | 7292 | 6619 | 7286 | 7963 | 8657 | 9393 | 1018 |
| Services (net) | 341 | 375 | 362 | 340 | 315 | 377 | 422 | 467 | 505 | 5 |
| Primary Income (net) | -384 | -398 | -451 | -448 | -442 | -480 | -532 | -584 | -647 | -7 |
| Secondary Income (transfers, net) | 1581 | 1705 | 1809 | 1762 | 1700 | 1904 | 1991 | 2098 | 2200 | 22 |
| Of which | | | | | | | | | | |
| Official | 91 | 113 | 109 | 38 | 78 | 75 | 64 | 72 | 70 | |
| Private | 1490 | 1592 | 1699 | 1724 | 1622 | 1829 | 1927 | 2026 | 2129 | 22 |
| Capital account (net) | 11 | 18 | 12 | 5 | 10 | 11 | 11 | 11 | 11 | |
| Net lending (+) / Net borrowing (-) | -265 | -87 | -3 | -309 | -232 | -147 | -217 | -250 | -259 | -2 |
| Financial account | -610 | 49 | -544 | -616 | 22 | -257 | -450 | -433 | -493 | -4 |
| Direct investment (net) | -317 | -180 | -604 | -291 | -145 | -401 | -453 | -549 | -580 | -63 |
| Portfolio investment (net) | -429 | 19 | -320 | 151 | 264 | 48 | -198 | -96 | -160 | |
| Other investment | 136 | 210 | 380 | -476 | -97 | 96 | 202 | 213 | 246 | 1 |
| Trade credits (net) | -37 | -75 | 102 | -318 | -11 | -12 | -13 | -19 | -15 | - |
| MLT loans (net) | -94 | 51 | -1 | -217 | -318 | -36 | 5 | 6 | 66 | - |
| Public sector | 90 | 51 | 100 | -62 | -431 | 28 | -43 | 63 | 110 | |
| Disbursements | 96 | 97 | 69 | 163 | 691 | 204 | 159 | 68 | 68 | |
| of which : IMF credit | 0 | 0 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | |
| of which: unidentified external financing | 0 | 0 | 0 | 0 | 213 | 0 | 0 | 0 | 0 | |
| Amortization | -199 | -145 | -166 | -99 | -261 | -232 | -116 | -131 | -177 | -1 |
| of which: Repayment to the IMF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -44 | -88 | |
| ST loans (net) | -12 | -14 | -6 | -15 | -11 | -7 | -6 | -7 | -6 | - |
| Currency and deposits (net) | 279 | 248 | 286 | 74 | 243 | 151 | 216 | 233 | 200 | 1 |
| Other (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Errors and omissions | -8 | -10 | 8 | 68 | 0 | 0 | 0 | 0 | 0 | |
| Overall Balance | 337 | -146 | 549 | 375 | -254 | 110 | 232 | 183 | 235 | 1 |
| Memorandum Items: | | | | | | | | | | |
| ST debt at residual maturity (year-end) | 2513 | 2821 | 3027 | 3863 | 4182 | 3505 | 4034 | 3623 | 4137 | 39 |
| Gross foreign exchange reserves | 2613 | 2336 | 2867 | 3263 | 3009 | 3119 | 3351 | 3534 | 3768 | 39 |
| Percent of IMF ARA Metric | 109 | 92 | 104 | 114 | 103 | 105 | 105 | 108 | 107 | 1 |
| Months of prospective imports of G&S | 4.5 | 3.6 | 4.0 | 5.0 | 4.2 | 4.0 | 3.9 | 3.8 | 3.8 | 10 |
| Percent of short-term debt (residual maturity) | 104.0 | 82.8 | 94.7 | 84.5 | 71.9 | 89.0 | 83.1 | 97.5 | 91.1 | 101 |
| External debt (percent of GDP) | 74.7 | 73.6 | 73.3 | 72.2 | 74.8 | 71.1 | 70.6 | 70.0 | 69.6 | 68 |
| External debt service | 1740 | 1908 | 2228 | 2468 | 3306 | 3629 | 2960 | 3496 | 3092 | 36 |
| Percent of exports of G&S | 35.4 | 34.6 | 34.5 | 35.5 | 52.2 | 51.5 | 38.3 | 41.5 | 33.6 | 36 29 |
| Percent of exports of G&S and transfers | 27.2 | 26.9 | 27.3 | 28.5 | 41.6 | 40.9 | 30.7 | 33.5 | 27.3 | |

Sources: NBRNM; and IMF staff estimates.

Table 3b. North Macedonia: Balance of Payments, 2016–25

(Percent of GDP, unless otherwise indicated)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 202 |
|---|-------|-------|-------|-------------|-------------|------------|-------|-------|-------|------|
| | | | | | | Projection | ons | | | |
| Current account | -2.9 | -1.1 | -0.1 | -2.8 | -2.2 | -1.3 | -1.8 | -1.9 | -1.9 | -1. |
| Trade balance | -18.8 | -17.8 | -16.2 | -17.3 | -16.2 | -16.1 | -16.3 | -16.3 | -16.0 | -15. |
| Exports | 36.5 | 40.7 | 45.6 | 47.0 | 43.0 | 43.9 | 45.2 | 46.7 | 48.7 | 50. |
| Imports | 55.3 | 58.5 | 61.8 | 64.3 | 59.2 | 60.0 | 61.5 | 63.0 | 64.7 | 66 |
| Services (net) | 3.5 | 3.7 | 3.4 | 3.0 | 2.8 | 3.1 | 3.3 | 3.4 | 3.5 | 3 |
| Primary Income (net) | -4.0 | -4.0 | -4.2 | -4.0 | -4.0 | -4.0 | -4.1 | -4.3 | -4.5 | -4 |
| Secondary Income (transfers, net) | 16.4 | 17.0 | 16.9 | 15.5 | 15.2 | 15.7 | 15.4 | 15.3 | 15.2 | 15 |
| Of which | | | | | | | | | | |
| Official | 0.9 | 1.1 | 1.0 | 0.3 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0. |
| Private | 15.4 | 15.9 | 15.9 | 15.2 | 14.5 | 15.1 | 14.9 | 14.7 | 14.7 | 14. |
| Capital account (net) | 0.1 | 0.2 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0. |
| Net lending (+) / Net borrowing (-) | -2.7 | -0.9 | 0.0 | -2.7 | -2.1 | -1.2 | -1.7 | -1.8 | -1.8 | -1. |
| Financial account | -6.3 | 0.5 | -5.1 | -5.4 | 0.2 | -2.1 | -3.5 | -3.2 | -3.4 | -3. |
| Direct investment (net) | -3.3 | -1.8 | -5.6 | -2.6 | -1.3 | -3.3 | -3.5 | -4.0 | -4.0 | -4. |
| Portfolio investment (net) | -4.4 | 0.2 | -3.0 | 1.3 | 2.4 | 0.4 | -1.5 | -0.7 | -1.1 | 0. |
| Other investment | 1.4 | 2.1 | 3.6 | -4.2 | -0.9 | 0.8 | 1.6 | 1.5 | 1.7 | 0 |
| Trade credits (net) | -0.4 | -0.8 | 1.0 | -2.8 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0 |
| MLT loans (net) | -1.0 | 0.5 | 0.0 | -1.9 | -2.8 | -0.3 | 0.0 | 0.0 | 0.5 | -0 |
| Public sector | 0.9 | 0.5 | 0.9 | -0.5 | -3.9 | 0.2 | -0.3 | 0.5 | 0.8 | 0. |
| Disbursements | 1.0 | 1.0 | 0.6 | 1.4 | 6.2 | 1.7 | 1.2 | 0.5 | 0.5 | 0 |
| of which : IMF credit | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
| of which: unidentified external financing | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
| Amortization | -2.1 | -1.4 | -1.5 | -0.9 | -2.3 | -1.9 | -0.9 | -1.0 | -1.2 | -0 |
| of which: Repayment to the IMF | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0 |
| ST loans (net) | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | 0.0 | -0.1 | 0.0 | -0 |
| Currency and deposits (net) | 2.9 | 2.5 | 2.7 | 0.7 | 2.2 | 1.2 | 1.7 | 1.7 | 1.4 | 1 |
| Of which: Commercial banks | -0.2 | -0.1 | 0.3 | -1.4 | -0.4 | -0.5 | -0.7 | -0.5 | -0.5 | -0 |
| Other (net) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| Errors and omissions | -0.1 | -0.1 | 0.1 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
| Overall Balance | 3.5 | -1.5 | 5.1 | 3.3 | -2.3 | 0.9 | 1.8 | 1.3 | 1.6 | 1 |
| | | | (Pe | rcentage ch | ange, year- | on-year) | | | | |
| Exports of G&S (Value) | 11.2 | 12.0 | 17.1 | 7.7 | -8.9 | 11.3 | 9.5 | 9.0 | 9.3 | 9 |
| Volume | 9.1 | 8.3 | 15.6 | 8.3 | -5.5 | 13.5 | 9.7 | 8.7 | 8.2 | 8 |
| Price | 1.9 | 3.4 | 1.3 | -0.5 | -3.6 | -2.0 | -0.2 | 0.3 | 1.0 | 1 |
| Imports of G&S (Value) | 8.4 | 8.3 | 13.1 | 9.6 | -8.6 | 10.2 | 8.9 | 8.3 | 8.2 | 7 |
| Volume | 11.1 | 5.2 | 9.1 | 9.0 | -2.8 | 11.3 | 8.2 | 7.3 | 6.7 | 6 |
| Price | -2.5 | 2.9 | 3.7 | 0.6 | -6.0 | -1.1 | 0.7 | 1.0 | 1.4 | 1 |

Table 4. North Macedonia: Monetary Survey, 2016–25

(Billions of denars, unless specified otherwise)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| | | | _ | | | Project | ions | | | |
| NFA | 158.5 | 144.0 | 180.7 | 192.4 | 176.7 | 183.5 | 197.7 | 208.9 | 223.3 | 235. |
| Central Bank | 155.6 | 138.9 | 171.5 | 195.7 | 180.0 | 186.7 | 201.0 | 212.2 | 226.5 | 238. |
| Commercial Banks | 2.9 | 5.1 | 9.2 | -3.3 | -3.3 | -3.3 | -3.3 | -3.3 | -3.3 | -3. |
| NDA | 163.7 | 193.0 | 192.7 | 211.6 | 223.1 | 251.3 | 265.9 | 282.9 | 296.1 | 313. |
| Credit to Government (net) | 2.5 | 14.8 | -1.6 | 10.7 | 24.9 | 24.0 | 20.0 | 20.5 | 19.1 | 20. |
| From Banks (net) | 32.6 | 34.0 | 35.4 | 42.7 | 47.1 | 47.4 | 44.7 | 46.4 | 46.3 | 48. |
| of which: Credit (Tbills) | 34.0 | 35.3 | 37.0 | 44.2 | 48.9 | 49.3 | 46.6 | 48.2 | 48.1 | 50. |
| From Central Bank (net) | -30.1 | -19.1 | -37.0 | -32.0 | -22.2 | -23.4 | -24.7 | -25.9 | -27.2 | -28. |
| of which: Deposits | -32.6 | -21.9 | -35.4 | -31.8 | -25.6 | -26.9 | -28.1 | -29.4 | -30.6 | -31. |
| Credit to Private Sector (Gross) | 285.8 | 300.9 | 322.9 | 343.4 | 345.0 | 374.1 | 400.7 | 426.2 | 451.8 | 477. |
| From Banks | 284.8 | 299.9 | 322.0 | 342.5 | 344.2 | 373.3 | 399.8 | 425.4 | 450.9 | 476. |
| Denars | 160.0 | 175.0 | 191.8 | 200.7 | 201.6 | 218.7 | 234.2 | 249.2 | 264.2 | 279. |
| FX | 124.8 | 124.9 | 130.2 | 141.9 | 142.6 | 154.6 | 165.6 | 176.2 | 186.8 | 197. |
| From Central Bank | 1.0 | 0.9 | 0.9 | 0.8 | 8.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0. |
| Other Items (net) | -124.7 | -122.7 | -128.6 | -142.4 | -92.4 | -92.4 | -100.4 | -109.4 | -120.4 | -130. |
| Broad Money (M3) | 322.2 | 337.0 | 373.4 | 404.0 | 399.8 | 434.8 | 463.6 | 491.8 | 519.4 | 548 |
| Currency in Circulation | 28.2 | 30.0 | 32.2 | 36.1 | 35.6 | 38.7 | 41.2 | 43.7 | 46.2 | 48. |
| Total Deposits | 294.0 | 307.0 | 341.2 | 367.9 | 364.2 | 396.1 | 422.4 | 448.0 | 473.2 | 499. |
| Denars | 172.8 | 181.5 | 205.2 | 225.5 | 223.2 | 242.7 | 258.8 | 274.6 | 290.0 | 306 |
| FX | 121.2 | 125.5 | 136.0 | 142.5 | 141.0 | 153.4 | 163.5 | 173.5 | 183.2 | 193. |
| | | | - | _ | change, year | | | | | |
| Private Sector Credit | 0.0 | 5.3 | 7.3 | 6.3 | 0.5 | 8.4 | 7.1 | 6.4 | 6.0 | 5. |
| Broad Money | 6.0 | 4.6 | 10.8 | 8.2 | -1.0 | 8.7 | 6.6 | 6.1 | 5.6 | 5. |
| Private Sector Deposits | 5.8 | 4.4 | 11.1 | 7.8 | -1.0 | 8.7 | 6.6 | 6.1 | 5.6 | 5. |
| | | | - | | ual growth | | • • • | | | |
| NFA | 6.9 | -4.5 | 10.9 | 3.1 | -3.9 | 1.7 | 3.3 | 2.4 | 2.9 | 2. |
| NDA | -0.9 | 9.1 | -0.1 | 5.1 | 2.8 | 7.1 | 3.4 | 3.7 | 2.7 | 3. |
| | | | | • | cent of GDP | | | | =0.5 | |
| Private Sector Credit | 48.0 | 48.7 | 49.1 | 49.2 | 50.2 | 50.1 58.2 | 50.3 | 50.4 | 50.6 | 50. |
| Broad Money Private Sector Deposits | 54.2 49.4 | 54.5 49.7 | 56.7 51.9 | 57.9 52.7 | 58.1 53.0 | 58.2 53.0 | 58.2 53.0 | 58.2 53.0 | 58.2 53.0 | 58. 53. |
| Memorandum Items: | 45.4 | 45.7 | 31.9 | 32.7 | 35.0 | 33.0 | 33.0 | 33.0 | 33.0 | 55. |
| Money Multiplier | 4.9 | 4.8 | 4.5 | 4.4 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4. |
| Reserve Requirement Ratio (% of deposits) | 4.9 | 4.6 | 4.5 | 4.4 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4. |
| Denars | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8. |
| FX Indexed | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50. |
| FX | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15 |
| Velocity | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1. |

Table 5. North Macedonia: Central Bank Survey, 2016–25 (Billions of denars, unless specified otherwise)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|--------------------------------------|-------|-------|------------|--------------|-------------|-------------|-----------|--------|--------|-------|
| | | | | | | Pr | ojections | | | |
| NFA | 155.6 | 138.9 | 171.5 | 195.7 | 180.0 | 186.7 | 201.0 | 212.2 | 226.5 | 238.7 |
| Assets | 160.7 | 143.7 | 176.4 | 200.7 | 185.1 | 191.8 | 206.1 | 217.4 | 231.8 | 244.0 |
| Liabilities | -5.1 | -4.8 | -4.9 | -5.0 | -5.1 | -5.1 | -5.2 | -5.2 | -5.3 | -5.3 |
| NDA | -90.1 | -67.3 | -87.7 | -101.3 | -94.9 | -93.7 | -102.1 | -107.5 | -116.3 | -122. |
| Banks (net) | -41.1 | -35.9 | -39.1 | -54.3 | -54.1 | -51.6 | -58.7 | -62.9 | -70.4 | -75. |
| of which: | | | | | | | | | | |
| NBRM Bills and short-term facilities | -36.5 | -35.9 | -39.1 | -54.3 | -54.3 | -54.3 | -54.3 | -54.3 | -54.3 | -54. |
| Central Government (net) | -26.6 | -16.1 | -29.5 | -25.7 | -19.6 | -20.8 | -22.1 | -23.3 | -24.6 | -25. |
| of which: | | | | | | | | | | |
| Deposits at Central Bank | -32.6 | -21.9 | -35.4 | -31.8 | -25.6 | -26.9 | -28.1 | -29.4 | -30.6 | -31. |
| Denar | -11.0 | -13.9 | -15.5 | -18.2 | -15.4 | -16.0 | -16.5 | -17.1 | -17.6 | -18. |
| FX | -21.7 | -8.0 | -19.9 | -13.6 | -10.2 | -10.9 | -11.6 | -12.3 | -13.0 | -13. |
| State and Local Governments (net) | -3.5 | -3.0 | -7.5 | -6.3 | -6.3 | -6.3 | -6.3 | -6.3 | -6.3 | -6. |
| Other items (net) | -18.9 | -12.3 | -11.6 | -15.0 | -15.0 | -15.0 | -15.0 | -15.0 | -15.0 | -15. |
| Reserve Money | 65.5 | 69.7 | 82.9 | 91.8 | 85.1 | 93.1 | 98.9 | 104.7 | 110.3 | 116. |
| Currency in Circulation | 28.2 | 30.0 | 32.2 | 36.1 | 35.6 | 38.7 | 41.2 | 43.7 | 46.2 | 48. |
| Other | 37.4 | 39.7 | 50.6 | 55.7 | 49.5 | 54.4 | 57.7 | 60.9 | 64.1 | 67. |
| Cash in Vaults | 6.2 | 6.2 | 7.6 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8. |
| Total Reserves | 31.1 | 33.5 | 43.0 | 48.5 | 42.1 | 46.8 | 49.9 | 52.9 | 55.9 | 59. |
| on Denar Deposits | 17.0 | 19.4 | 27.4 | 32.1 | 26.0 | 29.3 | 31.2 | 33.1 | 35.0 | 36. |
| on FX Deposits | 14.1 | 14.1 | 15.6 | 16.4 | 16.1 | 17.5 | 18.6 | 19.8 | 20.9 | 22. |
| | | | (Contribut | ion to annu | al growth i | n reserve n | noney) | | | |
| NFA | 34.9 | -25.5 | 46.7 | 29.2 | -17.0 | 7.9 | 15.3 | 11.3 | 13.7 | 11. |
| NDA | -27.9 | 34.7 | -29.2 | -16.4 | 6.9 | 1.4 | -9.0 | -5.5 | -8.4 | -5. |
| | | | (Pe | ercentage ch | nange, year | -on-year) | | | | |
| Reserve Money | 7.1 | 6.3 | 18.9 | 10.8 | -7.3 | 9.3 | 6.3 | 5.8 | 5.4 | 5. |
| Memorandum Items: | | | | (Perc | ent of GDP |) | | | | |
| NBRM Bills | 3.9 | 4.0 | 3.8 | 3.5 | 6.2 | 6.3 | 5.8 | 5.4 | 5.1 | 4. |
| Government Deposits at Central Bank | 5.5 | 3.5 | 5.4 | 4.6 | 3.7 | 3.6 | 3.5 | 3.5 | 3.4 | 3. |

Table 6. North Macedonia: External Financing Requirements, 2020–25 (Percent)

| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | |
|--|-------------|-------|-------|-------|-------|-------|--|
| | Projections | | | | | | |
| Gross financing needs | 1,073 | 1,259 | 605 | 1,113 | 654 | 1,134 | |
| Current account deficit | 243 | 159 | 229 | 261 | 269 | 286 | |
| MLT debt amortization 1/ | 830 | 1,101 | 376 | 852 | 385 | 848 | |
| Financing sources | 335 | 1,369 | 837 | 1,296 | 889 | 1,333 | |
| FDI (net) | 145 | 401 | 453 | 549 | 580 | 613 | |
| MLT debt disbursements (excluding exceptional) | 484 | 1,137 | 696 | 866 | 588 | 863 | |
| Other 2/ | -295 | -168 | -313 | -120 | -280 | -142 | |
| Net change in reserves (-: increase) | 254 | -110 | -232 | -183 | -235 | -198 | |
| Financing gap | 484 | 0 | 0 | 0 | 0 | 0 | |
| IMF - RFI | 177 | 0 | 0 | 0 | 0 | 0 | |
| Other IFIs | 95 | 0 | 0 | 0 | 0 | 0 | |
| Remaining unidentified financing | 213 | 0 | 0 | 0 | 0 | 0 | |
| Memo items | | | | | | | |
| Gross International Reserves (GIR) | 3,009 | 3,119 | 3,351 | 3,534 | 3,768 | 3,967 | |
| as % of Fund ARA Metric | 103 | 105 | 105 | 108 | 107 | 109 | |
| Gross International Reserves (GIR) w/o exceptional | 2,525 | 2,635 | 2,867 | 3,050 | 3,284 | 3,483 | |
| as % of Fund ARA Metric | 87 | 89 | 90 | 93 | 93 | 96 | |

Sources: NBRNM; and IMF staff estimates.

^{1/} Excluding the amortization of MLT intercompany loans, which is included in FDI (net).

^{2/} Including the capital account balance, currency and deposits, portfolio investments, short-term loans, and net errors and omissions.

Table 7. North Macedonia: Indicators of Capacity to Repay the Fund, 2020–25 (Percent)

| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | | |
|---|-------------|--------|--------|--------|--------|--------|--|--|
| | Projections | | | | | | | |
| Fund Repurchases and Charges | | | | | | | | |
| In millions of SDRs | 2.4 | 2.9 | 2.9 | 37.9 | 71.9 | 35.7 | | |
| In millions of Euro | 3.0 | 3.6 | 3.6 | 47.7 | 90.6 | 45.0 | | |
| In percent of Gross International Reserves | 0.1 | 0.1 | 0.1 | 1.3 | 2.4 | 1.1 | | |
| In percent of Exports of Goods and Services | 0.0 | 0.1 | 0.0 | 0.6 | 1.0 | 0.4 | | |
| In Percent of GDP | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.3 | | |
| In perent of External Public debt | 0.1 | 0.1 | 0.1 | 1.5 | 2.7 | 1.3 | | |
| In percent of Quota | 1.7 | 2.1 | 2.1 | 27.0 | 51.3 | 25.5 | | |
| Fund Credit Outstanding (end of period) | | | | | | | | |
| In millions of SDRs | 140.3 | 140.3 | 140.3 | 105.2 | 35.1 | 0.0 | | |
| In millions of Euro | 176.7 | 176.7 | 176.7 | 132.5 | 44.2 | 0.0 | | |
| In percent of Gross International Reserves | 5.9 | 5.7 | 5.3 | 3.8 | 1.2 | 0.0 | | |
| In percent of Exports of Goods and Services | 2.8 | 2.5 | 2.3 | 1.6 | 0.5 | 0.0 | | |
| In Percent of GDP | 1.6 | 1.5 | 1.4 | 1.0 | 0.3 | 0.0 | | |
| In perent of External Public debt | 5.9 | 5.9 | 5.4 | 4.1 | 1.3 | 0.0 | | |
| In percent of Quota | 100.0 | 100.0 | 100.0 | 75.0 | 25.0 | 0.0 | | |
| Memorandum Items (in millions euro) | | | | | | | | |
| Gross International Reserves | 3,009 | 3,119 | 3,351 | 3,534 | 3,768 | 3,967 | | |
| Exports of Goods and services | 6,335 | 7,050 | 7,718 | 8,414 | 9,198 | 10,036 | | |
| Nominal GDP | 11,182 | 12,144 | 12,949 | 13,736 | 14,507 | 15,321 | | |
| External Public Debt | 3,014 | 2,986 | 3,279 | 3,266 | 3,406 | 3,340 | | |
| Quota (in millions of SDRs) | 140.3 | 140.3 | 140.3 | 140.3 | 140.3 | 140.3 | | |

Source: NBRNM, SSO, IMF Finance department, and IMF staff estimates.

Table 8. North Macedonia: Financial Soundness Indicators of the Banking System, 2012–19 (Percent)

| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 Q3 |
|---|------------|------------|------------|------------|------------|------------|--------------|------------|
| Capital adequacy | | | | | | | | |
| Regulatory capital/risk weighted assets | 17.1 | 16.8 | 15.7 | 15.5 | 15.2 | 15.7 | 16.5 | 16.9 |
| Tier I capital/risk weighted assets | 14.5 | 14.4 | 13.7 | 13.9 | 13.9 | 14.2 | 15.0 | 15.4 |
| Equity and reserves to Assets | 11.2 | 11.3 | 10.8 | 10.8 | 10.6 | 10.8 | 10.8 | 11.4 |
| Asset composition | | | | | | | | |
| Structure of loans | | | | | | | | |
| Enterprises (loans to enterprises/total loans) | 56.9 | 55.4 | 55.2 | 53.9 | 51.3 | 50.2 | 49.3 | 47.0 |
| Households (loans to households/total loans) | 36.4 | 37.7 | 38.7 | 40.0 | 42.9 | 44.8 | 46.4 | 49.0 |
| Lending with foreign currency component to private sector | 55.4 | 52.7 | 49.4 | 46.5 | 44.9 | 42.5 | 41.4 | 42.1 |
| Foreign currency lending/total credit to private sector | 25.5 | 23.8 | 22.4 | 20.5 | 18.0 | 16.5 | 15.5 | 14.4 |
| Foreign currency indexed lending/total credit to private sector | 29.8 | 28.9 | 27.0 | 25.9 | 27.0 | 26.1 | 25.9 | 27.7 |
| NPLs 1/ | | | | | | | | |
| NPLs/gross loans | 10.1 | 10.9 | 10.8 | 10.3 | 6.3 | 6.1 | 5.0 | 4.8 |
| NPLs net of provision/own funds | -3.7 | -1.8 | -3.0 | -5.3 | -5.5 | -3.7 | -5.2 | -2.2 |
| Provisions to Non-Performing Loans | 107.1 | 103.1 | 104.6 | 108.4 | 114.8 | 110.6 | 119.0 | 108.7 |
| Large exposures/own funds | 205.1 | 188.5 | 233.1 | 212.4 | 185.4 | 176.3 | 218.2 | 231.5 |
| Connected lending | | | | | | | | |
| Banking system exposure to subsidiaries and shareholders/own | | | | | | | | |
| funds | 3.5 | 4.2 | 4.3 | 3.4 | 8.4 | 3.8 | 3.8 | 4.1 |
| Banking system equity investments/own funds | 1.8 | 1.7 | 2.6 | 2.6 | 2.0 | 1.9 | 1.2 | 1.4 |
| Earning and profitability | 0.4 | 0.6 | 0.0 | | 4.5 | | 4.7 | 4.5 |
| ROAA 2/ | 0.4 | 0.6 | 0.8 | 1.1 | 1.5 | 1.4 | 1.7 | 1.5 |
| ROAE 2/ | 3.8 | 5.7 | 7.4 | 10.4 | 13.6 | 13.5 | 16.0 | 13.5 |
| Interest margin/gross income 3/ | 60.7 | 62.2 | 63.5 | 62.8 | 62.7 | 60.6 | 57.9 | 59.7 |
| Noninterest expenses/gross income 4/ | 65.3 | 62.8 | 58.1 | 54.7 | 53.2 | 52.5 | 50.5 | 54.8 |
| Personnel expenses/noninterest expenses Interest Rates | 33.1 | 35.0 | 35.5 | 35.8 | 35.2 | 34.8 | 37.4 | 37.0 |
| | 2.5 | 2.6 | 4.0 | 4.2 | 2.0 | 2.0 | 2.0 | 2.7 |
| Local currency spreads | 3.5 4.6 | 3.6 | 4.0 | 4.2 4.6 | 3.9 4.2 | 3.8 3.9 | 3.9 3.4 | 3.7 |
| Foreign currency spreads Interbank market interest rate | 2.1 | 4.8 2.2 | 4.9 1.5 | 1.2 | 1.0 | 1.1 | 1.1 | 3.3 1.1 |
| | 2.1 | 2.2 | 1.5 | 1.2 | 1.0 | 1.1 | 1.1 | 1.1 |
| Liquidity Highly liquid assets/total assets 5/ | 29.4 | 27.3 | 25.5 | 24.3 | 25.7 | 23.2 | 22.6 | 24.0 |
| Highly liquid assets/total assets 5/ Highly liquid assets/total short-term liabilities 6/ | 48.2 | 47.6 | 45.5 | 42.4 | | 40.1 | 39.2 | 41.9 |
| | | | | | 44.5 | | 39.2 26.7 | |
| Liquid assets/total assets | 32.4 | 31.2 | 29.8 | 28.2 | 28.9 | 27.1 | | 27.2 |
| Liquid assets/total short-term liabilities | 53.0 | 54.5 | 53.2 | 49.2 | 50.1 | 46.9 | 46.4 | 47.4 |
| Customer deposits/total (noninterbank) loans | 113.5 | 112.7 | 113.4 | 110.3 | 114.9 | 114.0 | 116.0 | 118.8 |
| Foreign currency deposits/total deposits | 47.3 | 44.9 | 42.3 | 42.1 | 43.0 | 42.7 | 42.3 | 42.0 |
| Including foreign exchange-indexed 7/ | 48.3 | 45.5 | 42.8 | 42.4 | 43.1 | 43.1 | 42.5 | 42.1 |
| Sensitivity to market risk | 44.4 | 15.6 | 47.5 | 44.4 | 44.5 | 6.3 | 2.0 | F 4 |
| Net open foreign exchange position/own funds | 11.4 | 15.6 | 17.5 | 11.1 | 14.5 | 6.2 | 3.8 | 5.1 |

Source: NBRNM's Financial Stability Unit.

^{1/} Includes loans to financial and nonfinancial sector.

^{2/} Adjusted for unallocated provisions for potential loan losses.

^{3/} Interest margin represents interest income less interest expense. Gross income includes net interest income, fees and commissions income.

^{4/} Noninterest expenses include fees and commissions expenses, operating expenses and other expenses excluding extraordinary expenses.

^{5/} Highly liquid assets are defined as cash and balance with the NBRM, treasury bills, NBRM bills, and correspondent accounts with foreign banks. Assets in domestic banks are excluded from total assets.

^{6/} Short-term liabilities are defined as deposits and other liabilities with a maturity of one year or less (without deposits and borrowings from domestic banks).

^{7/} FX indexed deposits include deposits and other FX indexed liabilities.

Appendix I. Letter of Intent

Ms. Kristalina Georgieva
Managing Director
International Monetary Fund
Washington, D.C., 20431
U.S.A.

Skopje, April 6, 2020

Dear Ms. Georgieva:

- 1. We welcome the proactive approach the IMF has taken at the global level to help countries combat the impact of the COVID-10 pandemic. The Republic of North Macedonia so far has 555 confirmed COVID-19 cases. To slow down the spread of the disease, the Government declared a state of emergency on March 18, closed external borders, and imposed social-distancing restrictions. Together with the global economic downturn, these measures, while necessary to control the outbreak, will take a heavy toll on economic activity. Furthermore, global financial conditions have tightened, at a time when we experience significant fiscal revenue shortfalls and urgently need additional external financing to take the appropriate public health measures and cushion the impact of the shock on our people and economy.
- 2. The Government is implementing important temporary measures to limit the social and economic impact by protecting the liquidity of companies, preserving jobs and providing social care for the jobless and vulnerable households:
- We have already legislated fiscal measures to help protect jobs and poor households, and mitigate firms' cash-flow problems. Companies and individuals who have business activity in affected sectors have been exempted from advanced monthly payments of corporate income tax through June. Also, affected firms will receive a subsidy for the social security contributions, subject to maintaining employment at the pre-virus level. Additional funding has been allocated to the Development Bank, allowing it to establish a credit line to affected micro, small and medium-sized enterprises at favorable conditions and a zero interest rate. Moreover, budget users have been allowed to make reallocations in their budget up to 70 percent at the expenditure item, compared to 20 percent in normal times, to better adapt to the rapidly evolving circumstances.
- A second set of measures was announced on April 1, to prevent layoffs and set the conditions right for the recovery once the global outbreak abates. A wage subsidy equal to the minimum wage is planned to affected companies to help them maintain jobs. The measure is expected to protect 200,000 to 250,000 jobs. Also, vulnerable households who were part of the informal

economy and lost their income will receive financial support. We expect around 20,000 households to benefit from this measure. To offset these costs, there will be targeted and temporary cuts on the expenditure side, including in capital expenditure, the public sector wage bill, and the purchase of goods and services, both at central and local level. State-owned enterprises will also reduce expenditure. Finally, an additional €50 million will be made available from the Development Bank to commercial banks at favorable terms.

- 3. The National Bank of the Republic of North Macedonia (NBRNM) has cut its policy rate to support the economy, and reduced the base for the reserve requirement in domestic currency by the amount of newly extended or restructured loans to firms in affected sectors. It has also revised its credit risk regulation, to allow for greater regulatory flexibility, while preserving the prudent approach in order to ensure the stability of the banking system. The regulatory changes allow banks to restructure debts of the high-quality borrowers affected by the pandemic, thus providing for more favorable credit terms and easing of financial strains.
- 4. The health of our people and the fight against COVID-19 is our top priority. The Government will allocate additional funds to health spending as necessary to address the health emergency. At the same time, the Government and the NBRNM remain firmly committed to preserving monetary, external and financial stability, and stand ready to take any additional measures as needed, in consultation with the IMF, to meet these objectives, while supporting the recovery. We are committed to re-build fiscal buffers once the current crisis has been overcome in order to ensure debt sustainability.
- 5. Against this background, the Government of North Macedonia requests financing from the IMF under the Rapid Financing Instrument (RFI) in the amount equivalent of SDR 140.3 million (about €176.7 million), corresponding to a purchase of 100 percent of North Macedonia's quota. This IMF assistance will help finance the health and macroeconomic stabilization measures and meet the urgent balance of payments needs arising from the COVID-19 outbreak. It is our expectation that the support will have a catalytic effect in helping secure additional official, as well as market financing, to close the fiscal gap and ease the pressure on our balance of payments in 2020. We have already requested additional financing from the World Bank and the European Union.
- 6. In line with the IMF's safeguards policy, we stand ready to collaborate with IMF staff in undertaking a safeguards assessment, providing IMF staff with the NBRNM's most recently completed external audit reports, and authorizing our external auditors to hold discussions with IMF staff. Given the budget financing constraints, we intend to use the domestic-currency equivalent of the IMF purchase for budgetary financing. We have prepared a memorandum of understanding between the government and the NBRNM establishing a framework on the modalities for repayment to the Fund.

- 7. We will maintain the dialogue with the IMF to explore solutions to North Macedonia's balance of payments difficulties and will avoid measures or policies that would compound these difficulties. The country will comply with the provisions of the IMF's Articles of Agreement, including those related to imposing new or intensifying existing restrictions on the making of payments and transfers for current international transactions and also bilateral payments under Article VIII, and will implement public policies under that framework and avoid additional trade restrictions for balance of payment purposes.
- 8. We authorize the IMF to publish this letter and the staff report for the request for a purchase under the RFI.

Sincerely yours,

/s/ Nina Angelovska Minister of Finance /s/
Anita Angelovska Bezhoska
Governor of National Bank

/s/ Gordana Dimitrieska-Kocoska Deputy Minister of Finance

Statement by Mr. Richard Doornbosch Alternate Executive Director and Ms. Shahane Harutyunyan, Advisor to the Executive Director April 10, 2020

On behalf of the authorities of North Macedonia, we would like to express our sincere gratitude and appreciation to management and staff for their timely and proactive response to the request for purchase under the Rapid Financing Instrument (RFI) to help overcome the exogenous shock caused by the COVID-19 outbreak. The authorities broadly agree with the staff's appraisal and policy advice.

The economy of North Macedonia was growing at a strong pace supported by crucial institutional and governance reforms when it was hit by the global COVID-19 pandemic. In the past decade, the country has maintained a track record of low inflation, moderate fiscal deficit, and a stable financial sector. Amidst political uncertainty in 2017, GDP growth decelerated to 1.1 percent, but very soon the country was able to rebound its growth to 2.7 percent in 2018, before accelerating to 3.6 percent in 2019. The unemployment rate continued to decline to a still high but historically low level of 16.6 percent at the end of 2019. Against this background, North Macedonia recently received positive decision by the European Council on opening accession talks for EU membership and joined NATO as its 30th member.

The Coronavirus (COVID-19) Pandemic

The COVID-19 pandemic outbreak has put North Macedonia in a very difficult situation. As of April 8, the country has 617 confirmed COVID-19 cases. The authorities declared an emergency situation on March 18 and implemented many tailored measures to effectively prevent the spread of the virus. These include restrictions on in- and outbound travels, social distancing, special red containment zones for specific areas of the country, public campaigns for better personal hygiene, curfew hours during working days and weekends, and the closure of schools and universities. During all this time, the caretaker government has pledged to ensure full transparency by holding daily briefings to share all available data on developments with the public. Early parliamentary elections were scheduled on April 12, 2020, but having in mind the current situation, all political parties with great sense of responsibility agreed to postpone these elections to a date that will be further defined. The current government has a caretaker role and all major political parties are part of it. This request for purchase under the RFI was endorsed by all major parties and their governmental representatives as a right way to move forward.

Economic Impact of COVID-19 and Policy Response

The global COVID-19 pandemic is expected to have a large negative effect on the Macedonian economy, and to significantly weaken the country's fiscal and external position in 2020. Given the geographical location, the limited domestic market and the high level of trade openness, the country will be severely affected by the global trade and supply chain disruptions, exacerbated by the spillovers from the global recession and tightened financial conditions. Against the background of the COVID-19-related restrictions on domestic mobility and activity, substantially lower external demand, remittances and net FDIs, economic activity is expected to contract sharply in 2020, before rebounding in 2021. The fiscal deficit is expected to widen to 6.5 percent, and public

debt to increase substantially in 2020, while remaining sustainable over the medium-term. Against this background, and limited domestic financing sources, securing additional external financing is urgent to mitigate the social and economic impact of the shock, while preserving international reserves and protecting the de-facto exchange rate peg.

On policy response, in addition to the immediate health measures to contain the spread of COVID-19, the authorities have put in place fiscal, monetary and financial policies to respond to the economic downturn from the pandemic. On the fiscal side, the authorities have implemented important temporary and targeted measures to protect the liquidity of companies and provide social care for the unemployed and the vulnerable households. Notably, the government, in consultation with key economic and social stakeholders, has adopted measures that cut unnecessary expenditures and provide further finances to the health sector, promote job security and limit as low as possible the number of job layoffs, and assist the private sector with tax relief and highly favorable loans by the Development Bank of North Macedonia.

The National Bank of the Republic of North Macedonia (National Bank) has also responded quickly to the COVID-19 within its mandate. The National Bank lowered the rate of Central Bank bills, eased the reserve requirement base for the amount of credits extended to sectors heavily affected by the crisis, and amended banking regulation. The regulatory changes allow banks to extend targeted and temporary relief to clients in need, while preserving prudency in the overall stance. Under the current challenging situation, the National Bank will continue to prudently execute its mandate, ensuring the stability of the exchange rate and keeping inflation stable, while supporting measures that will provide relief from the COVID-19 outbreak.

Request for purchase under the RFI Disbursement

In view of the large fiscal gap and urgent balance of payment needs, the authorities of North Macedonia request financing from the IMF under the RFI for an amount equivalent to SDR 140.3 million, corresponding to a purchase of 100 percent of quota. Given the budget financing constraints, the authorities intend to use the support for budgetary financing based on the modalities of the memorandum of understanding (MOU) between the government and the National Bank.

The authorities of North Macedonia remain highly committed to preserving macroeconomic and financial stability and securing higher economic growth over the long term. This will allow to sustain social stability and to create fiscal space for investment in human capital and infrastructure. The authorities are fully confident that the policies outlined in the Letter of Intent will enable an effective use of the requested purchase under the RFI in these very challenging circumstances. They are hopeful that the support will have a catalytic effect on helping to secure additional financing. To ensure debt sustainability, the authorities are committed to resuming fiscal consolidation once the health crisis is contained. Meanwhile, they stand ready to take any additional measures that may be needed, in consultation with the Fund, and maintain a close dialogue with staff to address both the immediate and medium-term policy challenges.