North Macedonia

This report does not constitute a new rating action for this issuer. To accommodate a higher frequency of rating reviews during the coronavirus pandemic, Fitch is publishing scaled-down Sovereign Rating Reports that focus on data and forecasts encompassed in reviews. For the rating rationale, refer to the relevant published Rating Action Commentary (see Related Research).

Comparative Analysis - Key Indicator Charts





Median (BB)

General Government Balance

2012

Azerbaijan

BBB Median

BB Median

0

20

40

60

80

100

North Macedonia

Serbia

2013 2014

GDP per Capita Income, 2020F (at market exchange rate, US=100)

2015

2017

2018 2019 2020F 2021F

2022F

2016

(% of GDP)

0

-1

-2

-3 -4

-5

-6

-7

-8 -9

2010 2011

General Gross Government Debt (% of GDP)



International Liquidity Ratio, 2021F



Note: Medians based on data for sovereigns in the respective rating category at the end of each year. Latest ratings are used for the current year and forecast period. Source: Fitch Ratings

Ratings

Foreign Currency	
Long-Term IDR	BB+
Short-Term IDR	В
Local Currency	
Long-Term IDR	BB+
Short-Term IDR	В
Country Ceiling	BBB-

Outlooks

L

Long-Term Foreign-Currency IDR Ne	egative
Long-Term Local-Currency IDR Ne	egative

Rating Derivation

Component	Outcome
Sovereign Rating Model (SRM)	BB
Qualitative Overlay (QO)	1
Structural Features	0
Macroeconomic	1
Public Finances	0
External Finances	0
Long-Term Foreign-Currency IDR	BB+

Applicable Criteria

Sovereign Rating Criteria (Apr 2020) Country Ceilings Criteria (Jul 2020)

Related Research

North Macedonia Rating Action Commentary (Nov 2020) Global Economic Outlook (Sep 2020)

Financial Data

(USDbn)	2020F
GDP	12.2
GDP per head (USD 000)	5.8
Population (m)	2.1
International reserves	3.9
Net external debt (% GDP)	28.5
Central government total debt (% GDP)	50.7
CG foreign-currency debt	4.7
Source: Fitch Ratings	

Analysts

Douglas Winslow +44 20 350 1721

douglas.winslow@fitchratings.com

Arvind Ramakrishnan +49 69 768076 271 arvind.ramakrishnan@fitchratings.com

	North Macedonia	BB	BBB	Serbia	Azerbaijan	Paraguay
2020F	BB+	Median ^a	Median ^a	BB+	BB+	BB+
Structural Features						
GDP per capita (USD, mkt exchange rates)	5,836	4,942	9,915	7,527	4,126	5,139
GNI per capita (PPP, USD, latest)	17,110	14,360	23,880	17,960	14,360	12,730
GDP (USDbn)	12	46	124	52	42	37
Human Development Index (percentile, latest)	55.8	52.9	66.9	66.4	54.2	46.8
Governance Indicator (percentile, latest) ^b	49.8	44.1	58.1	48.6	28.2	38.3
Broad money (% GDP)	62.4	47.6	59.5	55.7	38.1	40.3
Default record (year cured) ^c	2000	-	-	2004	-	2004
Ease of Doing Business (percentile, latest)	91.6	53.3	70.7	77.3	82.6	34.4
Trade openness (avg. of CXR + CXP % GDP)	71.6	46.6	46.5	59.4	45.1	40.3
Gross domestic savings (% GDP)	20.1	18.2	22.7	13.3	18.6	22.1
Gross domestic investment (% GDP)	34.5	21.7	23.6	22.7	18.1	21.6
Private credit (% GDP)	55.0	37.4	56.9	46.8	25.7	49.9
Bank Systemic Risk Indicators ^d	n.a. / 1	-	-	n.a. / 1	b/1	n.a. / 1
Bank system capital ratio (% assets)	16.9	16.0	15.2	21.8	-	-
Foreign bank ownership (% assets)	71.9	34.0	30.4	76.2	-	-
Public bank ownership (% assets)	1.9	16.9	13.4	14.8	-	-
Macroeconomic Performance and Policies						
Real GDP (5yr average % change)	1.0	4.2	3.6	2.4	-0.8	2.3
Volatility of GDP (10yr rolling SD)	2.7	2.5	2.9	2.4	2.9	3.0
Consumer prices (5yr average)	0.8	5.4	3.9	2.0	6.6	3.4
Volatility of CPI (10yr rolling SD)	1.5	3.2	2.1	3.5	4.5	1.7
Unemployment rate (%)	17.4	8.9	7.6	8.9	8.0	6.0
Type of exchange rate regime	Stabilized arrangement	-	-	Crawl-like arrangement	Stabilized arrangement	Floating
Dollarisation ratio (% of bank deposits)	42.2	39.8	17.1	61.5	-	-
REER volatility (10yr rolling SD)	1.6	6.2	4.9	7.5	10.3	4.7
Public Finances ^e						
Budget balance (% GDP)	-8.3	-2.8	-2.3	-8.1	-5.7	-6.3
Primary balance (% GDP)	-7.1	-0.7	-0.3	-6.0	-4.9	-5.4
Gross debt (% revenue)	165.6	155.7	138.8	152.6	61.6	179.9
Gross debt (% GDP)	50.9	39.3	36.4	58.9	22.7	28.2
Net debt (% GDP)	45.8	32.7	30.6	50.0	12.8	20.1
Foreign-currency debt (% total debt)	76.5	60.2	34.7	70.9	91.9	86.7
Interest payments (% revenue)	4.1	9.0	6.9	5.4	2.3	5.5
Revenues and grants (% GDP)	30.7	25.2	31.4	38.6	36.8	15.7
Volatility of revenue/GDP ratio	2.4	5.6	6.2	4.2	9.1	4.7
Central government debt maturities (% GDP)	9.9	4.9	5.1	7.9	3.2	0.8
External Finances						
Current account balance + net FDI (% GDP)	-2.3	0.8	0.6	-0.4	1.0	2.2
Current account balance (% GDP)	-3.9	-2.7	-1.7	-5.8	-1.4	0.8
Net external debt (% GDP)	28.5	10.1	6.7	36.8	-194.4	14.0
Gross external debt (% CXR)	118.8	116.7	115.4	155.0	103.6	125.2
Gross sovereign external debt (% GXD)	37.9	46.2	30.9	43.2	37.9	50.6
Sovereign net foreign assets (% GDP)	-0.1	-2.7	2.8	-9.7	85.2	-2.9
Ext. interest service ratio (% CXR)	2.3	4.0	4.3	3.2	4.4	6.3
Ext. debt service ratio (% CXR)	15.2	14.7	15.2	17.2	10.7	9.9
Foreign-exchange reserves (months of CXP)	5.2	4.3	4.9	5.4	4.4	6.6
Liquidity ratio (latest) ^f	168.0	146.5	149.9	132.4	239.6	142.7
Share of currency in global reserves (%)	-	-	-	-	-	-
Commodity export dependence (% CXR, latest)	10.2	22.9	20.7	16.9	70.4	76.3

^a Medians based on three-year centred averages.

^b Composite of six World Bank Governance Indicators used in the Sovereign Rating Model: Government Effectiveness; Rule of Law; Control of Corruption; Voice and Accountability; Regulatory Quality; and Political Stability and Absence of Violence.

^c Republic of Macedonia: London Club commercial banks 1997. For further details on this indicator, please refer to the Sovereign Rating Criteria (see paragraphs for the SRM variable for Years since default or restructuring).

^d Bank systemic indicator, which equates to a weighted average Viability Rating; and macro-prudential indicator, with 1 'low' systemic risk through to 3 'high'.

 $^{\rm e}$ General government unless stated.

^f Ratio of liquid external assets, defined as the stock of official FX reserves including gold at the end of the previous calendar year plus banks' liquid external assets, to liquid external liabilities, defined as scheduled external debt service in the current year, plus the stock of short-term external debt and all non-resident holdings of marketable medium- and long-term local-currency debt at the end of the previous calendar year.

Note: Acronyms used: consumer price inflation (CPI), gross domestic product (GDP), current external receipts (CXR), current external payments (CXP), gross national income (GNI), purchasing power parity (PPP), standard deviation (SD), foreign direct investment (FDI).

Source: Fitch Ratings

Rating Report 1/12/2020

fitchratings.com 2

Public Debt Dynamics

Sensitivity Analysis



Fitch uses stylised projections for a sovereign's gross general government debt/GDP ratio to illustrate the sustainability of its debt burden and its sensitivity to economic growth, the cost of borrowing, fiscal policy and the exchange rate.

Debt Dynamics - Fitch's Baseline Assumptions

	2019	2020	2021	2022	2023	2024
Gross general government debt (% of GDP)	40.7	50.9	52.8	53.0	52.9	52.6
Primary balance (% of GDP)	-1.0	-7.1	-3.5	-2.2	-1.6	-1.3
Real GDP growth (%)	3.6	-5.0	3.9	4.5	4.0	3.6
Avg. nominal effective interest rate (%)	3.0	3.0	2.9	2.8	2.8	2.9
MKD/USD (annual avg)	54.9	54.3	53.7	53.7	53.7	53.7
GDP deflator	0.7	0.8	1.6	2.0	2.3	2.3
Source: Fitch Ratings						

Debt Sensitivity Analysis - Fitch's Scenario Assumptions

,	· ·
Growth	Average GDP growth 0.7pp (half standard deviation) lower than in baseline
Interest rate	Marginal interest rate 250bp higher than in baseline
Fiscal	Average primary balance 1.0% of GDP worse than in baseline
Source: Fitch Ratings	

Detailed Data Tables

Forecast Summary

	2016	2017	2018	2019	2020F	2021F	2022F
Macroeconomic Indicators and Policy							
Real GDP growth (%)	2.8	1.1	2.7	3.6	-5.0	3.9	4.5
Unemployment (%)	23.7	22.4	20.7	17.3	17.4	18.3	17.9
Consumer prices (annual average % change)	-0.2	1.4	1.5	0.8	0.8	1.6	2.0
Short-term interest rate (bank policy annual avg) (%)	3.7	3.3	2.9	2.3	1.5	1.5	2.0
General government balance (% of GDP)	-2.7	-2.8	-1.1	-2.1	-8.3	-4.7	-3.4
General government debt (% of GDP)	39.9	39.4	40.4	40.7	50.9	52.8	53.0
MKD per USD (annual average)	55.7	54.7	52.1	54.9	54.3	53.7	53.7
Real effective exchange rate (2000=100)	93.2	93.5	94.6	93.2	94.0	95.6	97.6
Real private sector credit growth (%)	0.3	3.9	5.8	5.5	5.2	7.3	5.9
External Finance							
Current account balance (% of GDP)	-2.9	-0.9	-0.1	-3.3	-3.9	-2.7	-2.2
Current account balance plus net FDI (% of GDP)	0.4	0.9	5.5	-0.1	-2.3	0.5	0.7
Net external debt (% of GDP)	23.5	27.5	21.2	22.2	28.5	28.0	26.9
Net external debt (% of CXR)	33.7	36.7	26.7	27.6	40.9	38.6	36.3
Official international reserves including gold	2,755	2,802	3,284	3,651	3,856	3,994	4,276
Official international reserves (months of CXP cover)	4.3	3.9	3.9	4.2	5.2	4.9	4.9
External interest service (% of CXR)	2.2	2.0	2.0	1.9	2.3	2.2	2.2
Gross external financing requirement (% int. reserves)	44.9	30.9	33.4	34.4	43.1	47.8	54.5
Real GDP growth (%)							
US	1.7	2.3	3.0	2.2	-4.6	4.0	3.0
China	6.7	6.9	6.7	6.1	2.7	7.7	5.5
Eurozone	2.0	2.4	1.9	1.3	-9.0	5.5	3.2
World	2.6	3.4	3.2	2.6	-4.4	5.2	3.6
Oil (USD/barrel)	45.1	54.9	71.5	64.1	41.0	45.0	50.0
Source: Fitch Ratings							

Detailed Data Tables

FISCAL ACCOUNTS SUMMARY						
% of GDP	2017	2018	2019	2020F	2021F	2022F
General government						
Revenue	31.0	30.4	31.5	30.7	31.5	32.3
Expenditure	33.8	31.5	33.7	39.1	36.2	35.7
o/w interest payments	1.4	1.2	1.2	1.3	1.2	1.2
Primary balance	-1.5	0.1	-1.0	-7.1	-3.5	-2.2
Overall balance	-2.8	-1.1	-2.1	-8.3	-4.7	-3.4
General government debt	39.4	40.4	40.7	50.9	52.8	53.0
% of general government revenue	127.2	133.0	129.3	165.6	167.6	164.2
Central government deposits	3.8	5.6	4.8	5.0	4.7	4.4
Net general government debt	35.6	34.8	35.9	45.8	48.1	48.6
Central government						
Revenue	29.1	28.5	29.6	-	-	-
o/w grants	-	-	-	-	-	-
Expenditure and net lending	28.6	28.4	29.0	-	-	-
o/w current expenditure and transfers	28.6	28.4	29.0	-	-	-
- interest	1.4	1.2	1.2	-	-	-
o/w capital expenditure	3.2	1.8	2.6	-	-	-
Current balance	0.5	0.1	0.6	-	-	-
Primary balance	1.8	1.3	1.8	-	-	-
Overall balance	0.5	0.1	0.6	-	-	-
Central government debt	39.2	40.3	40.1	-	-	-
% of central government revenues	135.0	141.2	135.6	-	-	-
Central government debt (MKDbn)	243	266	276	-	-	-
By residency of holder						
Domestic	97	101	109	-	-	-
Foreign	146	165	168	-	-	-
By currency denomination						
Local currency	52	56	64	-	-	-
Foreign currency	191	210	212	-	-	-
in USD equivalent (eop exchange rate)	4	4	4	-	-	-
Average maturity (years)	4.6	5.1	5.2	-	-	-
Memo:						
Nominal GDP (MKDbn)	618	661	689	660	697	743
Source: Fitch Ratings estimates and forecasts and Ministry of Finance						

Detailed Data Tables

External Debt and Assets

(USD Billions)	2015	2016	2017	2018	2019	2020F
Gross external debt	6.9	7.6	8.8	9.0	9.1	10.1
% of GDP	68.3	71.3	78.0	70.8	72.7	82.8
% of CXR	99.2	101.9	103.8	89.1	90.4	118.8
By maturity						
Medium- and long-term	6.0	6.6	7.6	7.7	7.8	8.7
Short-term	0.9	1.0	1.2	1.2	1.3	1.4
% of total debt	13.3	13.0	14.0	13.8	14.3	13.8
By debtor						
Sovereign	2.4	2.7	3.1	3.3	3.2	3.8
o/w central bank	0.1	0.1	0.1	0.1	0.1	0.1
Banks	0.6	0.6	0.7	0.7	0.7	0.8
Other sectors	3.9	4.2	5.0	5.0	5.1	5.4
Gross external assets (non-equity)	4.6	5.1	5.7	6.3	6.3	6.6
International reserves, incl. gold	2.5	2.8	2.8	3.3	3.7	3.9
Other sovereign assets nes	0.0	0.0	0.0	0.0	0.0	0.0
Deposit money banks' foreign assets	0.7	0.7	0.8	0.8	0.7	0.7
Other sector foreign assets	1.5	1.6	2.1	2.2	2.0	2.1
Net external debt	2.2	2.5	3.1	2.7	2.8	3.5
% of GDP	22.1	23.5	27.5	21.2	22.2	28.5
Net sovereign external debt	-0.1	0.0	0.3	0.0	-0.4	0.0
Net bank external debt	-0.1	-0.1	-0.1	-0.2	0.0	0.1
Net other external debt	2.4	2.6	2.9	2.8	3.2	3.3
Net international investment position	-5.6	-5.9	-7.0	-6.9	-7.2	-8.4
% of GDP	-55.2	-55.1	-61.8	-54.5	-57.6	-69.0
Sovereign net foreign assets	0.1	0.0	-0.3	0.0	0.4	0.0
% of GDP	1.1	0.2	-3.1	-0.3	3.4	-0.1
Debt service (principal & interest)	1.1	1.0	0.9	1.1	0.9	1.3
Debt service (% of CXR)	16.5	12.9	10.9	11.1	9.0	15.2
Interest (% of CXR)	2.1	2.2	2.0	2.0	1.9	2.3
Liquidity ratio (%)	163.3	170.0	180.3	152.2	192.8	168.0
Net sovereign FX debt (% of GDP)	3.2	3.8	8.1	5.0	1.7	7.2
Memo:						
Nominal GDP	10.1	10.7	11.3	12.7	12.5	12.2
Inter-company loans	1.8	2.1	2.5	2.4	2.4	2.6
Source: Fitch Ratings estimates and forecasts, central bank, IMF a	nd World Bank					

Detailed Data Tables

Balance of Payments

(USD Billions)	2017	2018	2019	2020F	2021F	2022F
Current account balance	-0.1	0.0	-0.4	-0.5	-0.4	-0.3
% of GDP	-0.9	-0.1	-3.3	-3.9	-2.7	-2.2
% of CXR	-1.1	-0.2	-4.1	-5.7	-3.8	-3.0
Trade balance	-2.0	-2.1	-2.2	-1.9	-2.0	-2.2
Exports, fob	4.6	5.8	6.0	5.2	5.6	6.1
Imports, fob	6.6	7.8	8.2	7.1	7.7	8.3
Services, net	0.4	0.4	0.4	0.4	0.4	0.5
Services, credit	1.6	1.9	1.8	1.4	1.6	1.7
Services, debit	1.2	1.4	1.4	1.1	1.2	1.3
Income, net	-0.4	-0.5	-0.6	-0.5	-0.6	-0.6
Income, credit	0.2	0.2	0.2	0.2	0.2	0.2
Income, debit	0.6	0.7	0.8	0.7	0.8	0.8
O/w: interest payments	0.2	0.2	0.2	0.2	0.2	0.2
Current transfers, net	1.9	2.1	2.0	1.6	1.8	2.0
Capital and Financial Accounts:						
Non-debt-creating inflows (net)	0.2	0.4	0.4	0.1	0.4	0.4
o/w equity FDI	0.2	0.5	0.4	0.2	0.4	0.4
o/w portfolio equity	0.0	-0.1	0.0	-0.1	0.0	0.0
o/w other flows	0.0	0.0	0.0	0.0	0.0	0.0
Change in reserves	-0.2	0.7	0.4	0.1	0.1	0.3
Gross external financing requirement	0.9	0.9	1.1	1.6	1.8	2.2
Stock of international reserves, incl. gold	2.8	3.3	3.7	3.9	4.0	4.3
Source: Fitch Ratings estimates and forecasts and IMF						

The ratings above were solicited and assigned or maintained at the request of the rated entity/issuer or a related third party. Any exceptions follow below.

ALL FITCH CREDIT RATINGS ARE SUBJECT TO CERTAIN LIMITATIONS AND DISCLAIMERS. PLEASE READ THESE LIMITATIONS AND DISCLAIMERS BY FOLLOWING THIS LINK: <u>HTTPS://FITCHRATINGS.COM/UNDERSTANDINGCREDITRATINGS</u>. IN ADDITION, RATING DEFINITIONS AND THE TERMS OF USE OF SUCH RATINGS ARE AVAILABLE ON THE AGENCY'S PUBLIC WEB SITE AT <u>WWW.FITCHRATINGS.COM</u>. PUBLISHED RATINGS, CRITERIA, AND METHODOLOGIES ARE AVAILABLE FROM THIS SITE AT ALL TIMES. FITCH'S CODE OF CONDUCT, CONFIDENTIALITY, CONFLICTS OF INTEREST, AFFILIATE FIREWALL, COMPLIANCE, AND OTHER RELEVANT POLICIES AND PROCEDURES ARE ALSO AVAILABLE FROM THE CODE OF CONDUCT SECTION OF THIS SITE. FITCH MAY HAVE PROVIDED ANOTHER PERMISSIBLE SERVICE TO THE RATED ENTITY OR ITS RELATED THIRD PARTIES. DETAILS OF THIS SERVICE FOR RATINGS FOR WHICH THE LEAD ANALYST IS BASED IN AN EU-REGISTERED ENTITY CAN BE FOUND ON THE ENTITY SUMMARY PAGE FOR THIS ISSUER ON THE FITCH WEBSITE.

Copyright © 2020 by Fitch Ratings, Inc., Fitch Ratings Ltd. and its subsidiaries. 33 Whitehall Street, NY, NY 10004. Telephone: 1-800-753-4824, (212) 908-0500. Fax: (212) 480-4435. Reproduction or retransmission in whole or in part is prohibited except by permission. All rights reserved. In issuing and maintaining its ratings and in making other reports (including forecast information), Fitch relies on factual information it receives from issuers and underwriters and from other sources. Fitch believes to be credible. Fitch conducts a reasonable investigation of the factual information relied upon by it in accordance with its ratings methodology, and obtains reasonable verification of that information formation from a given jurisdiction. The manner of Fitch's factual investigation and the scope of the third-party verification it obtains will vary depending on the nature of the rated security and its issuer, the requirements and practices in the jurisdiction in which the rated security is offered and sold and/or the issuer is located, the availability and nature of relevant public information, access to the management of the issuer and its advisers, the availability of pre-existing third-party verifications such as audit reports, agreed-upon procedures letters, appraisals, actuarial reports, engineering reports, legal opinions and other reports provided by third parties, the availability of independent and competent third-party verification sources with respect to the particular security or in the particular jurisdiction or ensure that all of the information Fitch relies on in connection with a rating or a report will be accurate and complete. Ultimately, the issuer and its advisers are responsible for the accuracy of the information they provide to Fitch and to the market in offering documents and other reports. In issuing its ratings and its reports, Fitch must rely on the work of experts, including independent auditors with respect to financial statements and attorneys with respect to legal and tax matters. Fu

The information in this report is provided "as is" without any representation or warranty of any kind, and Fitch does not represent or warrant that the report or any of its contents will meet any of the requirements of a recipient of the report. A Fitch rating is an opinion as to the creditworthiness of a security. This opinion and reports made by Fitch are based on established criteria and methodologies that Fitch is continuously evaluating and updating. Therefore, ratings and reports are the collective work product of Fitch and no individual, or group of individuals, is solely responsible for a rating or a report. The rating does not address the risk of loss due to risks other than credit risk, unless such risk is specifically mentioned. Fitch is not engaged in the offer or sale of any security. All Fitch reports have shared authorship. Individuals identified in a Fitch report were involved in, but are not solely responsible for, the opinions stated therein. The individuals are named for contact purposes only. A report providing a Fitch rating is neither a prospectus nor a substitute for the information assembled, verified and presented to investors by the issuer and its agents in connection with the sale of the securities. Ratings may be changed or withdrawn at any time for any reason in the sole discretion of Fitch. Fitch does not provide investment advice of any sort. Ratings are not a recommendation to buy, sell, or hold any security. Ratings do not comment on the adequacy of market price, the suitability of any security for a particular investor, or the tax-exempt nature or taxability of payments made in respect to any security. Fitch receives fees from issuers, insurers, guarantors, other obligors, and underwriters for rating securities. Such fees generally vary from US\$1,000 to US\$750,000 (or the applicable currency equivalent) per issue. In certain cases, Fitch will rate all or a number of issues issued by a particular issuer, or insured or guaranteed by a particular insuer or guarantor, for a single

For Australia, New Zealand, Taiwan and South Korea only: Fitch Australia Pty Ltd holds an Australian financial services license (AFS license no. 337123) which authorizes it to provide credit ratings to wholesale clients only. Credit ratings information published by Fitch is not intended to be used by persons who are retail clients within the meaning of the Corporations Act 2001.