

# REPUBLIC OF AUSTRIA

Rating Analysis - 12/26/18

\*EJR Sen Rating(Curr/Prj) A+/ A+

\*EJR CP Rating: A1

EJR's 3 yr. Default Probability: 1.3%

Austria is in the upper half of OECD countries in most well-being dimensions. Austria is one of the 10 richest countries in the world in terms of GDP per capita at \$44,872, and unlike most of the Eurozone, narrowly escaped recession in 2012 and 2013. The global credit crisis has exacerbated the split in Europe between the crisis-ridden North and the more affluent South. Fortunately, Austria has found itself firmly in the Northern 'camp' and has benefited greatly from its strong social and economic ties to the euro powerhouse – Germany. The favourable external business environment will stimulate export growth (+4.1% p.a.) and encourage investment in new machinery and equipment. Rising disposable household income will allow private consumption to gain 1.5% per year, after +0.7% p.a. in the previous five-year period. Robust economic growth, a low interest rate environment and efforts to constrain government spending have helped to reduce public deficits. Nevertheless, further measures, including addressing inefficiencies in education, health care and public administration would help to address the costs of an ageing society and free up funds to better reconcile work and family life. Upgrading.

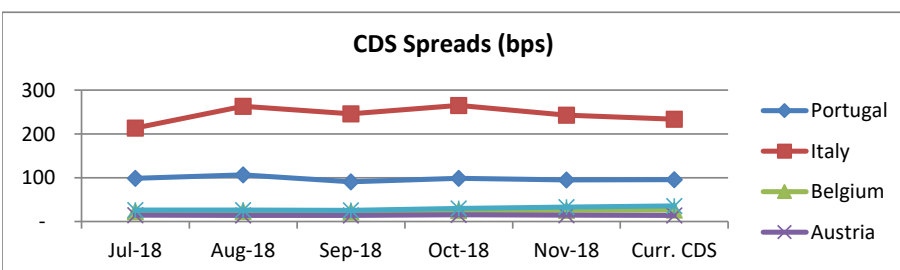
## Annual Ratios (source for past results: IMF)

CREDIT POSITION	2015	2016	2017	P2018	P2019	P2020
Debt/ GDP (%)	84.5	83.6	78.4	76.5	74.0	70.4
Govt. Sur/Def to GDP (%)	-0.7	-1.2	-0.2	0.4	1.1	1.8
Adjusted Debt/GDP (%)	84.5	83.6	78.4	76.5	74.0	70.4
Interest Expense/ Taxes (%)	8.2	7.7	6.8	6.8	6.8	6.8
GDP Growth (%)	3.3	3.5	3.8	1.9	1.9	2.5
Foreign Reserves/Debt (%)	2.9	3.0	2.0	2.1	1.1	1.3
Implied Sen. Rating	A+	A+	A+	A+	A+	A+

## INDICATIVE CREDIT RATIOS

	AA	A	BBB	BB	B	CCC
Debt/ GDP (%)	100.0	115.0	130.0	145.0	170.0	200.0
Govt. Sur/Def to GDP (%)	2.5	0.5	-2.0	-5.0	-8.0	-10.0
Adjusted Debt/GDP (%)	95.0	110.0	125.0	140.0	160.0	190.0
Interest Expense/ Taxes (%)	9.0	12.0	15.0	22.0	26.0	35.0
GDP Growth (%)	3.5	3.0	2.0	1.0	-1.0	-5.0
Foreign Reserves/Debt (%)	3.0	2.5	2.0	1.5	1.0	0.5

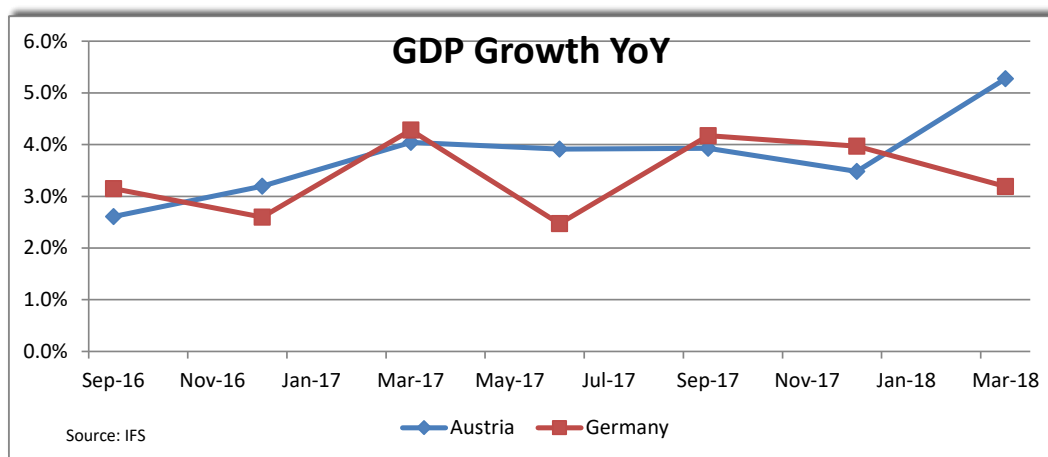
PEER RATIOS	Other NRSRO Sen.	Debt as a % of GDP	Govt. Surp. Def to GDP (%)	Adjusted Debt/ GDP	Interest Expense/ Taxes %	GDP Growth (%)	Ratio-Implied Rating*
Federal Republic Of Germany	AAA	64.1	1.0	64.1	4.4	3.7	AA
French Republic	AA	97.0	-2.5	97.0	6.3	2.8	A+
Kingdom Of Belgium	AA	103.1	-0.8	103.1	8.1	3.4	AA-
Republic Of Italy	BBB-	131.8	-3.0	131.8	13.1	2.1	BBB
Portugal Republic	BB+	125.7	-3.9	125.7	15.3	4.4	A



Country	CDS
Portugal	95
Italy	233
Belgium	26
Austria	14
France	36

**Economic Growth**

Economic growth is projected to remain solid, but will slow in 2019 and 2020. A deterioration in the external environment will damp export and investment growth. Solid employment growth is fostering wage and private consumption growth. Inflation remains moderate. Data from the first half of this year suggest that the economic growth momentum experienced by Austria in 2017 has continued into 2018. Domestic demand remains the main driver of growth, thanks to a rise in private consumption due to favourable labour market developments and increasing wages, as well as solid investment linked to high capacity utilisation in the business sector. In 2019 and 2020, GDP is forecast to grow more moderately at 2.0% and 1.8%, respectively.



**Fiscal Policy**

Having improved to -0.24% of GDP in 2017 on the back of the economic upswing, the net operating balance of Austria government is expected to further narrow in 2018. Government expenditure as a percentage of GDP is expected to fall from 49.1% in 2017 to 48.7% in 2018, mainly due falling interest payments, lower unemployment benefits, and the discontinuation or reduction of several expansionary measures adopted in 2017. Govt expects public debt to decrease from 78.3% of GDP in 2017 to 74.2% in 2018.

	Surplus-to-GDP (%)	Debt-to-GDP (%)	5 Yr. CDS Spreads
Austria	-0.24	78.40	14.15
Germany	1.02	64.10	13.28
France	-2.54	97.00	35.62
Belgium	-0.79	103.10	26.30
Italy	-2.96	131.80	233.36
Portugal	-3.92	125.70	95.24

Sources: Thomson Reuters and IFS

**Unemployment**

Sturdy labour market and steady decline in unemployment are the key positives. Strong dynamics in the first half of 2018 indicate robust figures for annual employment growth and a considerable decrease in unemployment. These positive dynamics are set to continue but to moderate somewhat in 2019 and 2020 along with the economic slowdown. Overall, the unemployment rate is expected to fall to 4.8% in 2018 and to 4.4% in 2020 as per government estimates.

	Unemployment (%)	
	2016	2017
Austria	6.03	5.52
Germany	4.13	3.76
France	10.07	9.43
Belgium	7.86	7.16
Italy	11.68	11.23
Portugal	11.18	8.97

Source: Intl. Finance Statistics

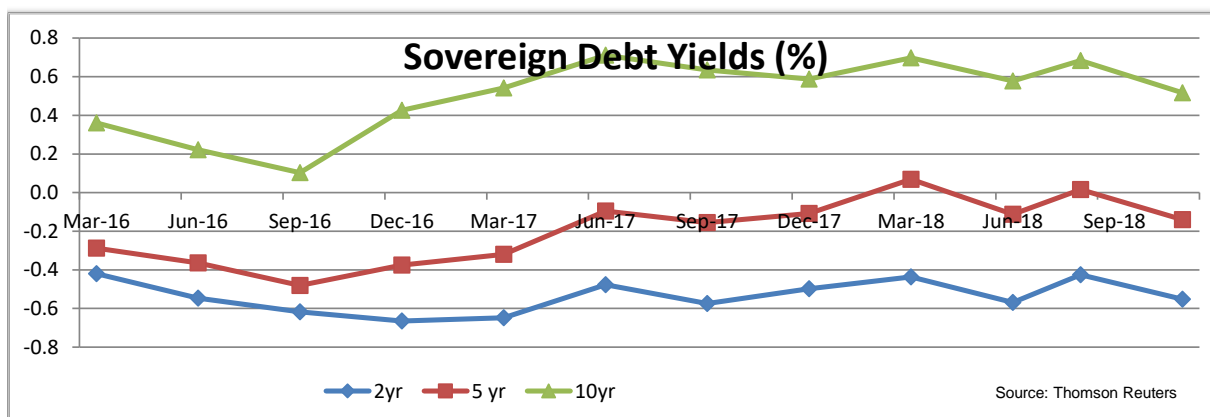
**Banking Sector**

On 21 November 2018, the Austrian Federal Government announced its plans to reform the national banking supervisory system. Currently, the Austrian banking supervisory system is a dual one. Austrian banks came in below the average in the EU's stress test, whose results were published earlier this month. While Austria's biggest banks, including Erste Group Bank AG, Raiffeisen Bank International AG and Bawag Group AG, are supervised by the ECB - a pos.

Bank Assets (billions of local currency)		
	Assets	Mkt Cap/ Assets %
ERSTE GROUP BANK	196.29	5.83
RAIFFEISEN INTL	121.62	0.00
OEST VOLKSBANKEN	15.13	0.35
OBERBANK AG	17.77	8.73
VORARLBERG LAN-P	14.15	0.00
Total	365.0	
EJR's est. of cap shortfall at 10% of assets less market cap		23.4
Austria's GDP		369.9

**Funding Costs**

Absolute level of interest payments relatively stable and relative to the GDP, interest payments are below 2% and well beneath peak levels in 1996. The Country's debt rollover ratio among the lowest worldwide - a pos.



**Ease of Doing Business**

Major factors for growing the economy are the ease of doing business and the economic freedom; although not the sole factor for determining economic growth, a country which makes it easy for businesses to operate and provides a reasonably free environment to conduct business has a good chance for growth. The chart on the right indicates that with an overall rank of 22 (1 is best, 189 worst) is strong.

The World Bank's Doing Business Survey*			
	2018	2017	Change in
	Rank	Rank	Rank
<b>Overall Country Rank:</b>	<b>22</b>	<b>19</b>	<b>-3</b>
<b>Scores:</b>			
Starting a Business	118	111	-7
Construction Permits	42	49	7
Getting Electricity	22	20	-2
Registering Property	31	30	-1
Getting Credit	77	62	-15
Protecting Investors	29	32	3
Paying Taxes	39	42	3
Trading Across Borders	1	1	0
Enforcing Contracts	9	10	1
Resolving Insolvency	23	20	-3

\* Based on a scale of 1 to 189 with 1 being the highest ranking.

**Economic Freedom**

As can be seen below, Austria is above average in its overall rank of 71.8 for Economic Freedom with 100 being best.

<b>Heritage Foundation 2018 Index of Economic Freedom</b>				
<b>World Rank 71.8*</b>				
	<b>2018</b>	<b>2017</b>	<b>Change in</b>	<b>World</b>
	<b>Rank**</b>	<b>Rank</b>	<b>Rank</b>	<b>Avg.</b>
<b>Property Rights</b>	<b>83.5</b>	<b>86.0</b>	<b>-2.5</b>	<b>51.5</b>
<b>Government Integrity</b>	<b>73.5</b>	<b>75.2</b>	<b>-1.7</b>	<b>42.1</b>
<b>Judicial Effectiveness</b>	<b>80.9</b>	<b>81.8</b>	<b>-0.9</b>	<b>46.9</b>
<b>Tax Burden</b>	<b>49.9</b>	<b>50.3</b>	<b>-0.4</b>	<b>76.7</b>
<b>Gov't Spending</b>	<b>19.4</b>	<b>19.3</b>	<b>0.1</b>	<b>63.5</b>
<b>Fiscal Health</b>	<b>81.1</b>	<b>79.7</b>	<b>1.4</b>	<b>66.3</b>
<b>Business Freedom</b>	<b>75.5</b>	<b>76.9</b>	<b>-1.4</b>	<b>64.8</b>
<b>Labor Freedom</b>	<b>66.7</b>	<b>67.6</b>	<b>-0.9</b>	<b>58.9</b>
<b>Monetary Freedom</b>	<b>83.7</b>	<b>83.4</b>	<b>0.3</b>	<b>76.0</b>
<b>Trade Freedom</b>	<b>86.9</b>	<b>87.0</b>	<b>-0.1</b>	<b>75.9</b>

\*Based on a scale of 1-100 with 100 being the highest ranking.

\*\*The ten economic freedoms are based on a scale of 0 (least free) to 100 (most free).

Source: The Heritage Foundation

**Credit Quality Driver: Taxes Growth:**

REPUBLIC OF AUSTRIA has grown its taxes of 3.3% per annum in the last fiscal year which is disappointing. We expect tax revenues will grow approximately 2.3% per annum over the next couple of years and 2.3% per annum for the next couple of years thereafter.

**Credit Quality Driver: Total Revenue Growth:**

REPUBLIC OF AUSTRIA's total revenue growth has been less than its peers and we assumed no growth in total revenue over the next two years.

Income Statement	Peer Median	Issuer Avg.	Assumptions	
			Yr 1&2	Yr 3,4,5
Taxes Growth%	5.0	3.3	2.3	2.3
Social Contributions Growth %	3.2	3.7	3.1	3.1
Grant Revenue Growth %	0.0	NMF		
Other Revenue Growth %	0.0	NMF		
Other Operating Income Growth%	0.0	0.7	0.7	0.7
Total Revenue Growth%	4.0	3.1	3.1	2.8
Compensation of Employees Growth%	0.0	0.6	0.6	0.6
Use of Goods & Services Growth%	0.3	0.0		
Social Benefits Growth%	2.1	1.5	1.5	1.5
Subsidies Growth%	1.3	6.6		
Other Expenses Growth%	0.0			
Interest Expense	1.8	2.3	2.3	
Currency and Deposits (asset) Growth%	0.0	0.0		
Securities other than Shares LT (asset) Growth%	0.0	0.0		
Loans (asset) Growth%	(1.8)	(4.4)	(4.4)	(4.4)
Shares and Other Equity (asset) Growth%	0.0	8.4	8.4	8.4
Insurance Technical Reserves (asset) Growth%	0.0	0.0		
Financial Derivatives (asset) Growth%	0.0	0.0		
Other Accounts Receivable LT Growth%	0.0	5.8	3.3	3.3
Monetary Gold and SDR's Growth %	0.0	0.0	5.0	5.0
Other Assets Growth%	0.0	0.0		
Other Accounts Payable Growth%	0.0			
Currency & Deposits (liability) Growth%	0.0	0.0		
Securities Other than Shares (liability) Growth%	0.0	0.0		
Loans (liability) Growth%	(2.7)	2.0	2.0	2.0
Insurance Technical Reserves (liability) Growth%	0.0	0.0		
Financial Derivatives (liability) Growth%	0.0	0.0		
Additional ST debt (1st year)(millions EUR)	0.0	0.0		

**ANNUAL INCOME STATEMENTS**

Below are REPUBLIC OF AUSTRIA's annual income statements with the projected years based on the assumptions listed on page 5.

	ANNUAL REVENUE AND EXPENSE STATEMENT					
	(MILLIONS EUR)					
	2014	2015	2016	2017	P2018	P2019
Taxes	93,858	98,270	97,050	100,219	102,524	104,882
Social Contributions	50,532	52,112	53,954	55,956	57,691	59,479
Grant Revenue						
Other Revenue						
Other Operating Income	20,836	21,687	22,266	22,426	22,426	22,426
Total Revenue	165,226	172,069	173,270	178,601	182,641	186,787
Compensation of Employees	21,276	21,885	22,497	22,637	22,778	22,920
Use of Goods & Services						
Social Benefits	76,587	78,506	80,872	82,085	83,316	84,566
Subsidies	4,524	4,499	4,985	5,312	5,313	5,313
Other Expenses				53,198	53,198	53,198
Grant Expense						
Depreciation	8,757	8,909	9,143	9,470	9,470	9,470
Total Expenses excluding interest	165,224	166,307	169,959	172,702	174,075	175,467
Operating Surplus/Shortfall	2	5,762	3,311	5,899	8,566	11,321
Interest Expense	<u>8,120</u>	<u>8,069</u>	<u>7,440</u>	<u>6,776</u>	<u>6,934</u>	<u>7,096</u>
Net Operating Balance	-8,118	-2,307	-4,130	-877	1,632	4,224

**ANNUAL BALANCE SHEETS**

Below are REPUBLIC OF AUSTRIA's balance sheets with the projected years based on the assumptions listed on page 5.

Base Case	ANNUAL BALANCE SHEETS					
	(MILLIONS EUR)					
ASSETS	2014	2015	2016	2017	P2018	P2019
Currency and Deposits (asset)	27,456	33,167	38,631	33,691	33,691	33,691
Securities other than Shares LT (asset)						
Loans (asset)	45,771	48,055	45,015	43,021	41,115	39,294
Shares and Other Equity (asset)	54,852	55,990	59,493	64,461	69,844	75,676
Insurance Technical Reserves (asset)	4	4			0	0
Financial Derivatives (asset)						
Other Accounts Receivable LT	24,121	25,382	23,324	24,687	25,502	26,343
Monetary Gold and SDR's						
Other Assets					7,396	7,396
Additional Assets	<u>9,887</u>	<u>10,243</u>	<u>8,953</u>	<u>7,396</u>		
Total Financial Assets	162,091	172,841	175,416	173,256	177,548	182,401
<b>LIABILITIES</b>						
Other Accounts Payable						
Currency & Deposits (liability)					0	0
Securities Other than Shares (liability)						
Loans (liability)	48,385	49,449	44,615	45,500	43,868	39,644
Insurance Technical Reserves (liability)						
Financial Derivatives (liability)						
Other Liabilities	<u>314,695</u>	<u>321,126</u>	<u>338,336</u>	<u>328,278</u>	<u>328,278</u>	<u>328,278</u>
Liabilities	363,080	370,575	382,951	373,778	376,438	377,067
Net Financial Worth	<u>-200,990</u>	<u>-197,734</u>	<u>-207,536</u>	<u>-200,522</u>	<u>-198,890</u>	<u>-194,666</u>
Total Liabilities & Equity	162,090	172,841	175,415	173,256	177,548	182,401

Copyright © 2018, Egan-Jones Ratings Company, Inc. ("Egan-Jones"). All rights reserved. The information upon which Egan-Jones ratings and reports are based is obtained by Egan-Jones from sources Egan-Jones believes to be accurate and reliable. Egan-Jones relies on third party reports and information and data provided and Egan-Jones has not, unless required by law or internal policies/procedures, independently verified or performed due diligence related to the accuracy of information, data or reports. Egan-Jones has not consented to, nor will consent to, being named an "expert" under federal securities laws, including without limitation, Section 7 of the Securities Act of 1933. Please note that expected or final ratings are not recommendations to buy, hold or sell the securities. Egan-Jones is not an advisor and is not providing investment advice, strategy or related services. Egan-Jones and its third-party suppliers ("Suppliers") hereby disclaim any representation or warranty, express or implied, as to the accuracy, timeliness, completeness, merchantability, and fitness for any particular purpose or non-infringement of any of such information. In no event shall Egan-Jones or its directors, officers, employees, independent contractors, agents, representatives, or Suppliers (collectively, Egan-Jones Representatives) be liable (1) for any inaccuracy, delay, loss of data, interruption in service, error, (negligent or otherwise) or other circumstance or contingency within or outside the control of Egan-Jones or any Egan-Jones Representative, in connection with or related to obtaining, collecting, compiling, analyzing, interpreting, communicating, publishing or delivering any such information. Ratings and other opinions issued by Egan-Jones are, and must be construed solely as, statements of opinion and not statements of fact as to credit worthiness or recommendations to purchase, sell or hold any securities. A report providing an Egan-Jones 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. Egan-Jones is not responsible for the content or operation of third party websites accessed through hypertext or other computer links and Egan-Jones shall have no liability to any person or entity for the use of such third party websites. This publication may not be reproduced, retransmitted or distributed in any form without the prior written consent of Egan-Jones. Egan-Jones ratings are subject to disclaimers. **Egan-Jones is not an NRSRO (as defined by the SEC) for sovereign/municipal issuers and structured finance/ABS issuers.**

**Comments on the Difference between the Model and Assigned Rating**

In this case, there has been little change in the recent results and therefore we have used our best judgement in making adjustment which are reflected in the results for the projected ratings. We have assigned a rating of "A+" whereas the ratio-implied rating for the most recent period is "A+"; we expect results to remain approximately the same.

**Changes in Indicative Ratios**

We have not made any adjustment in the indicative ratios at this time.



**SEC Rule 17g-7(a) Disclosure**

Below are the disclosures as required by Paragraph (a) of Rule 17g-7.

**1. The symbol in the rating scale used to denote the credit rating categories and notches within categories and the identity of the obligor, security, or money market instrument as required by Paragraph (a)(1)(ii)(A) of Rule 17g-7:**

For the issuer REPUBLIC OF AUSTRIA with the ticker of 1480Z AV we have assigned the senior unsecured rating of A+. There are three notches in our rating categories (e.g., A-, A, and A+) other than those deep into speculative grade; for CC, C, and D there are no notches.

**2. The version of the procedure or methodology used to determine the credit rating as required by Paragraph (a)(1)(ii)(B) of Rule 17g-7:**

We are using the methodology available in our Form NRSRO Exhibit #2 dated Nov 5, 2018 available via [egan-jones.com](http://egan-jones.com) under the tab at the bottom of the page "Methodologies".

**3. The main assumptions and principles used in constructing the procedures and methodologies used to determine the credit rating as required by Paragraph (a)(1)(ii)(C) of Rule 17g-7:**

The credit rating assigned reflects our judgement regarding the future credit quality of the issuer. Regarding the specific assumptions used, please refer to page 3 of this Rating Analysis Report.

**4. The potential limitations of the credit rating as required by Paragraph (a)(1)(ii)(D) of Rule 17g-7:**

Our rating pertains solely to our view of current and prospective credit quality. Our rating does not address pricing, liquidity, or other risks associated with holding investments in the issuer.

**5. Information on the uncertainty of the credit rating as required by Paragraph (a)(1)(ii)(E) of Rule 17g-7:**

Our rating is dependant on numerous factors including the reliability, accuracy, and quality of the data relied upon in determining the credit rating. The data is sourced from publicly-available 10Q and 10K statements, quarterly reports, 8K filings, earnings reports, and other similar sources. In some cases, the information is limited because of issues such as short operating histories, the lack of reported data, a delay in reporting data, restatements, inaccurate accounting, and other issues. Such shortcomings are not always readily apparent. EJR aims to identify such shortcomings and make adjustments using its best judgement.

**6. Whether and to what extent third-party due diligence services have been used in taking the rating action as required by Paragraph (a)(1)(ii)(F) of Rule 17g-7:**

EJR does not utilize third-party due diligence services.

**7. How servicer or remittance reports were used, and with what frequency, to conduct surveillance of the credit rating as required by Paragraph (a)(1)(ii)(G) of Rule 17g-7:**

Servicer or remittance reports normally pertain to structured finance issuers; this report does not pertain to a structured finance issuer (EJR is not an NRSRO for structured finance or sovereigns/ municipal issuers). Regarding surveillance, the minimum time period for corporation issuers is normally one year.

**8. A description of the data that were relied upon for the purpose of determining the credit rating as required by Paragraph (a)(1)(ii)(H) of Rule 17g-7:**

EJR uses 10Q and 10K statements, quarterly reports, 8K filings, earnings reports, and other similar sources for ratings on publicly-traded issuers. In the case of private issuers, EJR relies on information provided mainly by issuers.

**9. A statement containing an overall assessment of the quality of information available and considered in the credit rating as required by Paragraph (a)(1)(ii)(I) of Rule 17g-7: The information is generally high quality and readily avail.**

**10. Information relating to conflicts of interest as required by Paragraph (a)(1)(ii)(J) of Rule 17g-7:**

This rating is unsolicited.

**11. An explanation or measure of the potential volatility of the credit rating as required by Paragraph (a)(1)(ii)(K) of Rule 17g-7:**

Our rating aims to assess the probability of the payment of obligations in full and on-time. Factors which affect such probability, and in turn our rating, include changes in the operating performance of the issuer, changes in capital structure, and merger and acquisition events.

**12. Information on the content of the credit rating as required by Paragraph (a)(1)(ii)(L) of Rule 17g-7:**

Regarding the historical performance of the credit rating, our rating transition matrix is available in our Form NRSRO, exhibit 1. The expected probability of default and the expected loss in the event of default is listed on the first page of this report.

**13. Information on the sensitivity of the credit rating to assumptions as required by Paragraph (a)(1)(ii)(M) of Rule 17g-7:**

Below is a summary of the impact of the 5 assumptions which independently would have the greatest impact on our "ratio-implied rating":

	Assumptions			Resulting Ratio-Implied Rating		
	Base	Optimistic	Pessimistic	Base	Optimistic	Pessimistic
Taxes Growth%	2.3	6.3	(1.7)	A+	A+	A+
Social Contributions Growth %	3.1	6.1	0.1	A+	A+	A+
Other Revenue Growth %		3.0	(3.0)	A+	A+	A+
Total Revenue Growth%	3.1	5.1	1.1	A+	A+	A+
Monetary Gold and SDR's Growth %	5.0	7.0	3.0	A+	A+	A+

**14. If the credit rating is assigned to an asset-backed security, a description of: (i) the representations, warranties, and enforcement mechanisms available to investors; and (ii) how they differ from the representations, warranties, and enforcement mechanisms in issuances of similar securities, as required by Paragraph (a)(1)(ii)(N) of Rule 17g-7:**

This credit rating is not assigned to an asset-backed security.

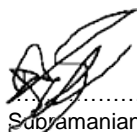
**ATTESTATION FORM**

In compliance with the US Securities and Exchange Commission (SEC) Rule 17g-7(a), the Egan-Jones analyst who published the report is responsible for the rating action and to the best knowledge of the person:

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

**Analyst Signature:**

**Today's Date**

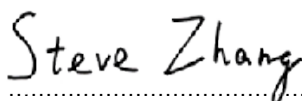


Subramanian NG  
Senior Rating Analyst

December 26, 2018

**Reviewer Signature:**

**Today's Date**



Steve Zhang  
Senior Rating Analyst

December 26, 2018

## **Sovereign Rating Methodology (Non-NRSRO)**

**Scope and Limitations: Sovereign Issuer Credit Quality Ratings (CQR) are a forward-looking assessment of a sovereign's capacity and willingness to honor its existing and future obligations in full and on time. Sovereigns are assigned two CQRs: a Local-Currency CQR, which reflects the likelihood of default on debt issued and payable in the currency of the sovereign, and a Foreign-Currency CQR, which is an assessment of the credit risk associated with debt issued and payable in foreign currencies.**

**Key Rating Drivers: EJR's approach to sovereign risk analysis is a synthesis of quantitative and qualitative judgments. The quantitative factors EJR uses are:**

- Debt in relation to GDP.
- Surplus or deficit in relation to GDP.
- Debt plus potential under-funding of major banks in relation to GDP.
- Interest expense in relation to taxes.
- GDP growth.
- Foreign reserves in relation to debt.

Debt levels for many sovereign issuers have increased at an accelerating rate over the past decade, affecting implied ratings. EJR also considers unemployment levels and funding costs. EJR recognizes that no model can fully capture all the relevant influences on sovereign creditworthiness, meaning that the its sovereign ratings can and do differ from those implied by the rating model. Some of the qualitative factors that impact its ultimate assessment of credit quality include the flexibility, stability and overall strength of the economy, efficiency of tax collection, acceptance of contract law, ease of doing business, trade balances, prospects for future growth and health and monetary policy, and economic freedom. These subjective and dynamic qualitative issues are not captured by the model but affect sovereign ratings

*For additional information, please see Exhibit 2: Methodologies in EJR's Form NRSRO.*