Fitch Ratings

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Iceland

External Shocks

Fiscal Surpluses

Banks Resilient to

Tourism Slowdown

Peers

Reducing Debt Below

Ratings Navigator Sovereigns

Outflows

Fitch	ıKa	itings	5	ICCIAII	IU					ESG Relevance:			Sovereigns	
Ratings Nav	vigator				Sovere	ign Rating Model	(SRM) Output ¹		A+	Qualitative C	Overlay (QO) ²	-1	Α	
Publish Date:		June 2019		Factors	Structural	Macroeconomic	Public Finances	External Finances	SRM Predicted Rating	Factors		Notch Adjustment	Long-Term FC IDR ³	
Ratings			Outlooks	Weights(%)	54.7	10.5	16.7	18.1						
Long-Term F0	C IDR	А	Stable	Percent Rank⁴					AAA	Structural		0	AAA	
Long-Term LO	C IDR	Α	Stable	00.400					AA+	Political Stability & 0	Capacity		AA+	
Short-Term F	C IDR	F1+		90-100					AA	Financial Sector Ris	sks		AA	
Short-Term L	C IDR	F1+		80-90					AA-	Business Environme	ent		AA-	
Country Ceilir	ng	A+		80-90					A+	Macroeconomic		0	A+	
Rating Histo	ory			70.00					A	Policy Credibility &	Coherence		A	
Date	LT F	C IDR	Action	70-80	•		1		A-	GDP Growth Outloo	ok		A-	
24-May-19	А	Stable	Affirmed	co 70			•		BBB+	Macro Stability			BBB+	
07-Dec-18	А	Stable	Affirmed	60-70					BBB	Public Finances		0	BBB	
08-Jun-18	А	Stable	Affirmed	50.00		•			BBB-	Fiscal Financing Fle	exibility		BBB-	
08-Dec-17	А	Stable	Upgrade	50-60					BB+	Public Debt Sustain	ability	5	BB+	
07-Jul-17	A-	Positive	Upgrade	40.50					ВВ	Fiscal Structure			ВВ	
13-Jan-17	BBB+	Positive	Affirmed	40-50					BB-	External Finances		-1	BB-	
15-Jul-16	BBB+	Stable	Affirmed	22.42					B+	External Financing	Flexibility		B+	
15-Jan-16	BBB+	Stable	Affirmed	30-40					В	External Debt Susta	ainability		В	
24-Jul-15	BBB+	Stable	Upgrade	20.20					B-	Vulnerability to Sho	cks		B-	
30-Jan-15	BBB	Positive	Affirmed	20-30					CCC or Below				CCC+/CCC/CCC-	
01-Aug-14	BBB	Stable	Affirmed	40.00						Total QO Adjustment		-1	СС	
07-Feb-14	BBB	Stable	Affirmed	10-20									С	
11-Oct-13	BBB	Stable	Affirmed	0.40									RD	
14-Feb-13	BBB	Stable	Upgrade	0-10									D	
Bar Chart L	.eaend			¹ See page 2 for full I	list of SRM indicators an	d data points.			Summary Strer	ngths & Weaknesses (SRM	+ QO)			
Vertical Bar He		cent Rank vs all	Sovereigns			notching restricted to +3 to o				Structural	Macroeconomic	Public Finances	External Finances	
		_	Factor in SRM ⁶	adjustment.	Currency Issuer Detaur	t Rating (the "Sovereign ratir	ng") is equal to the SRM pre	edicted rating plus the QO	Status	Strength	Weakness	Neutral	Weakness	
		ce (Sovereign	•	 Relative to all rated And contingent liabi 	-				Trend	Stable	Stable	Positive	Stable	
		ence (Soverei e (Sovereign I	•			gns, and reflects the relative	e weight of each rating facto	r in the SRM.						
		ting Category	•	Rating Drivers					Rating Sensitiv	rities				
Bar Arrows = R	· ·		·	Iceland's income per capita is high and its World Bank Governance, Human Hevelopment and										
Positi				Strong Structurals, Ease of Doing Business indicators outperform peers. However, the country's small economy Weak External Finances and limited diversification result in vulnerability to external shocks and macro and financial					Sustained Fall in Public A sustained fall in the public debt ratio, supported by prudent fiscal policy.					
Ĭ,	Median	L Stab	ie		volatility.		17 0010 and we forecast it		Dept					
Relevant Criteria			Growth Slowdown from Cyclical Highs Real GDP growth averaged 4.6% in 2017-2018, and we forecast it will fall to 0.0% in 2019 due to shocks in fisheries and tourism. Growth should recover to 2.5% in 2020 and average 2% in the medium term as the overheated tourism sector cools.					Improvement in Sustained improvement in the external balance sheet and increased resilience of the economy to external shocks.				ce of the economy to		
Sovereign Ra	ting Crite	ria (Jul 2018)		Easing Labour	WowAir's co	ollpase accelerated private s	sector wage agreements. ea	asing labour market tensions.	Negatives					
Country Ceilir	ngs Criter	ia (Jul 2018)		Tensions, Mode Inflation Pressu	erate Fitch expec	ts the resulting wage growth % in 2019, partly due to soft	to be moderate and foreca		Economic Downturn Affecting Banks A sustained and sharper-than-expected economic downturn, affecting the banking sector (eg the the real estate market).					
				Falling Net Exte	e to ('A' median:	current account surpluses has 16%), but the export base strade shocks and the krona	still lacks diversification, ma	ternal debt to 24% of GDP king the economy vulnerable	Excessive Capi	Excessive capital outflows leopardising financial stability and weakening external putters				

to terms of trade shocks and the krona sensitive to capital flows.

the impact on the housing sector could pose larger problems for banks.

Fitch forecasts the fiscal surplus to average 0.9% of GDP in 2018-2020 compared with a 1.4% deficit for the 'A' median. Gross general government debt is slightly lower than 'A' and 'AA' medians. We forecast it to fall to 36% of GDP in 2019 stabilising at 30% from 2021.

Banks are highly capitalised with low non-performing loans ratios. The direct impact of WowAir's

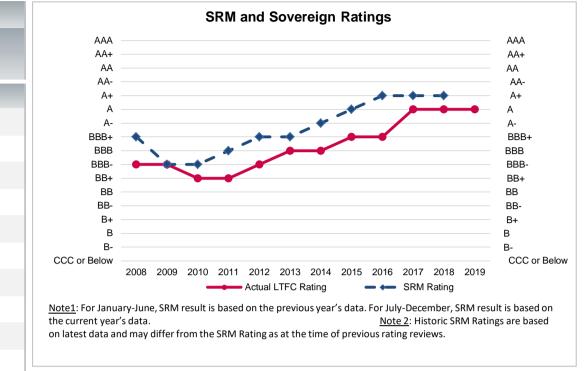
collapse on banks is muted and banks should be resilient to the slowdown in tourism. However,



Sovereign Rating Model									Pee
Model Framework			Cou	ıntry	Rating	g Category	Data	Long-	Country
Indicator	Data point	Weight	Data	SRM	BBB	Α	AA	IDR	Country
		(%)		(Notches)	Median	Median	Median		
Structural		54.7		10.01				A+	China
Composite governance indicators	Latest, percentile	19.6	92.8	6.9	58.2	75.0	84.6		Ireland
GDP per capita	Latest, percentile	13.6	94.7	4.2	49.5	65.8	81.1		Israel
Share in world GDP (%)	Latest	12.8	0.0	-2.1	0.2	0.3	0.4		Malta
Inverse years since Default/Restructuring ⁴	Declining weight	6.5	0.0	0.0	0.0	0.0	0.0		Saudi Aral
Broad money (% of GDP)	Latest	2.1	41.1	1.0	60.0	86.8	97.4		Slovakia
Macroeconomic		10.5		-0.89					
Real GDP volatility (standard deviation)	10-year	5.4	4.1	-1.1	3.0	2.6	2.2	А	Iceland
CPI (%) - yoy change in annual average	3 year centred avg	2.5	0.2	0.0	3.4	2.3	2.3		Chile
Real GDP growth (%)	3 year centred avg	2.7	3.1	0.3	3.6	3.8	2.4		Japan
Public finances		16.7		-1.10					Ras Al Kh
Gross general govt debt (% of GDP)	3 year centred avg	7.9	38.8	-0.8	35.8	41.7	39.0		
General govt interest (% of Revenue)	3 year centred avg	4.0	7.5	-0.3	7.1	4.8	4.0	A-	Latvia
General govt budget balance (% of GDP)	3 year centred avg	3.2	0.7	0.0	-2.3	-2.2	-0.5		Lithuania
Public foreign-currency debt (% of GGGD)	3 year centred avg	1.5	11.0	0.0	35.3	13.6	0.8		Malaysia
External finances		18.1		0.00					Poland
Reserve currency (share in global FX) ⁵	Declining weight	7.5	0.0	0.0	0.0	0.0	0.0		Slovenia
Sovereign net foreign assets (% of GDP)	3 year centred avg	5.8	15.3	0.2	2.6	11.2	4.3		Spain
Commodity dependence (% of CXR)	Latest	1.7	37.6	-0.2	20.8	11.4	15.7		
Reserves (months of CXP) [for RC = 0 only]	Latest	1.1	6.1	0.1	4.9	3.6	1.6		
External interest service (% of CXR)	3 year centred avg	1.2	4.0	-0.1	4.3	2.4	4.8		
CAB + Net FDI (% of GDP)	3 year centred avg	0.8	2.8	0.0	0.4	2.6	0.5		
Intercept term ¹				3.94					
Total		100		11.96	2				
SRM predicted rating				A+					
SRM override flag and applied rating ³	No			n.a.					

¹ The intercept term is constant across all sovereigns.

Acronyms used: foreign currency (FC), local currency (LC), issuer default rating (IDR), gross domestic product (GDP), consumer price inflation (CPI), current external receipts (CXR), current external payments (CXP), gross general government debt (GGGD), reserve currency (share in global FX) (RC), foreign direct investment (FDI).



Peers

Saudi Arabia

Ras Al Khaimah

Forecast Summary Tables											
Indicator	2016	2017	2018	2019f	2020f						
Real GDP growth (%)	6.6	4.6	4.6	0.0	2.5						
CPI (%) - yoy change in annual average	0.8	-1.6	0.7	1.5	2.0						
Unemployment rate (%)	3.0	2.8	3.0	3.3	3.5						
Short-term interest rate (annual avg%)	5.5	4.8	4.0	3.8	4.2						
General govt budget balance (% of GDP)	12.4	0.5	1.1	0.6	0.8						
Gross general govt debt (% of GDP)	51.2	43.1	37.7	35.7	32.7						
Current account balance (% of GDP)	7.5	3.6	2.9	2.5	2.5						
Net external debt (% of GDP)	31.9	30.9	24.4	19.5	14.1						
Official international reserves (USDbn)	7.2	6.6	6.3	6.3	6.4						
Nominal GDP (USDbn)	20.6	24.5	25.9	25.0	25.3						
Exchange rate per USD (end-year)	112.82	104.42	116.33	122.70	122.70						

² Total maps to LT FC rating scale as follows: < 0.5 = CCC and Below, 0.5-1.5 = B-, 1.5-2.5 = B, etc up to 14.5-15.5 = AA+ and >15.5 = AAA.

³ Sovereign Rating Committee can override SRM predicted rating if a marginal change in the Total result leads to a notch change which is judged to be temporary.

⁴ A non-linear representation of the number of years since the last default or restructuring event, ranging from zero (if there has been no event after 1980) to one (if there has been an event in the current year, or the sovereign remains in default).

⁵ A non-linear representation, ranging from 0 to 4.6. The full share of Euro holdings is applied for all euro area economies.



Credit-Relevant ESG Derivation

Overall ESG Scale

Iceland has 2 ESG key rating drivers, 2 ESG rating drivers and 9 ESG partial rating drivers	key driver	2	issues	5	
Political stability, including divisions and vested interests, is a key rating driver for Iceland, as reflected in the World Bank Governance Indicators having the highest weight in Fitch's Sovereign Rating Model.	,				
Government effectiveness, control of corruption, rule of law and regulatory quality are key rating drivers for Iceland, as reflected in the World Bank Governance Indicators having the highest weight in Fitch's Sovel Rating Model.	eign driver	2	issues	4	
Social stability, voice and accountability are rating drivers for Iceland, as reflected in the World Bank Governance Indicators having the highest weight in the Sovereign Rating Model.	partial driver	9	issues	3	
Willingness to service and repay debt is a rating driver for Iceland, as for all sovereigns.					
Iceland's tourism is a key service export sector and relies heavily on preservation of its natural surroundings. Mismanagement of the natural environment and tourism capacity could result in a shock to this key expector.	ort not a rating	2	issues	2	

Environmental (E)

severe volcanic event.

General Issues	SRM	QO	E Score	Key Sovereign Issues	Sovereign Rating Criteria References	E Scale	
GHG Emissions and Air Quality	2	2	2	Emissions and air pollution as a constraint on GDP growth	SRM - Macroeconomic performance, policies and prospects (Macro); Macro: real GDP growth; QO - Macro: GDP growth outlook	5	_
Energy Management	3	2	3	Management of energy resource endowments affecting exports, government revenues and GDP	SRM - External finances: commodity dependence; SRM and QO - indirectly affects other SRM variables and QO judgments	4	
Water Resources and Management	2	2	2	Water resource availability and management as a constraint on GDP growth	SRM - Macro: real GDP growth; QO - Macro: GDP growth outlook	3	
Biodiversity and Natural Resource Management	3	3	3	Management of natural resource endowments affecting exports, government revenues and GDP	SRM - External finances: commodity dependence; SRM and QO - indirectly affects other SRM variables and QO judgments	2	
Natural Disasters and Climate Change	3	3	3	Likelihood of and resilience to shocks	SRM - Structural features: share in world GDP; Macro: GDP volatility; QO - External finances: vulnerability to shocks; SRM and QO - potential impact on other variables	1	

Iceland is in a active volcanic area and has experienced disruptions to tourism and its economy from volcanic activity in recent years, which is relevant to the rating. A shock to the export sector could emanate from a

Social (S)

General Issues	SRM	QO	S Score	Key Sovereign Issues	Sovereign Rating Criteria References	S Sc	ale
Human Rights and Political Freedoms	4	2	4	Social stability, voice and accountability, regime legitimacy	SRM - Structural features: World Bank governance indicators (have highest weight in SRM); QO - Structural features: political stability & capacity	5	
Human Development, Health and Education	3	2		Impact of human development, health and education on GDP per capita and GDP growth	SRM - Structural features: GDP per capita; Macro: real GDP growth; QO - Macro: GDP growth outlook	4	
Employment and Income Equality	3	2	- 4	Impact of unemployment and income equality on GDP per capita, GDP growth and political and social stability	SRM - Structural features: GDP per capita; Macro: real GDP growth; QO - Macro: GDP growth outlook; Structural features: political stability & capacity	3	
Public Safety and Security	3	2	1 4	Impact of public safety and security on business environment and/or economic performance	SRM - Macro: real GDP growth; QO - Structural features: political stability & capacity and business environment; Macro: GDP growth outlook	2	
Demographic Trends	3	2		Population decline or aging, rapidly rising youth population; pensions sustainability	SRM - Macro: real GDP growth; Public Finances: government debt/GDP; QO - Public finances: public debt sustainability; Structural features: political stability; Macro: growth outlook	1	

How to Read This Page

G Scale

driver

ESG scores range from 1 to 5 based on a 15-level color gradation. Red (5) is most relevant and green (1) is least relevant.

issues

The Environmental (E), Social (S) and Governance (G) tables break out the individual components of the scale. The E, S or G score for each General Issue component reflects the higher of the SRM (Sovereign Rating Model) and Qualitative Overlay (QO) sub scores, which are derived from the SRM and QO steps of the Sovereign Rating Criteria, respectively. The right-hand box shows the aggregate E, S, or G score. General Issues and the more specific Key Sovereign Issues are relevant across all sovereigns. Scores are assigned to each Key Sovereign Issue. These scores signify the credit-relevance of the Key Sovereign Issues to the issuing entity's overall credit rating. The Sovereign Rating Criteria References box highlights the particular criterion which the corresponding ESG issues are captured by in Fitch's credit analysis.

The Credit-Relevant ESG Derivation table shows the overall ESG score. This score signifies the credit relevance of combined E, S and G issues to the entity's credit rating. The three columns to the left of the overall ESG score summarize the issuing entity's sub-component ESG scores. The box on the far left identifies the [number of] general ESG issues that are drivers or partial drivers of the issuing entity's credit rating (corresponding with scores of 3, 4 or 5) and provides a brief explanation for the score.

Classification of ESG issues has been developed from Fitch's Sovereign Rating Criteria and the General Issues and Key Sovereign Issues have been informed by SASB's Materiality Map and the UNPRI's sovereign fixed income working group framework.

Governance (G)

General Issues	SRM	QO	G Score	Key Sovereign Issues	Sovereign Rating Criteria References	
Political Stability and Rights	5	2	5	Political divisions and vested interests; geo-political risks including conflict, security threats and violence; policy capacity: unpredictable policy shifts or stasis	SRM - Structural features: World Bank governance indicators (have highest weight in SRM); QO - Structural features: political stability & capacity	5
Rule of Law, Institutional & Regulatory Quality, Control of Corruption	5	2	5	Government effectiveness, control of corruption, rule of law, regulatory quality	SRM - Structural features: World Bank governance indicators (have highest weight in SRM); QO - Structural features: political stability & capacity and business environment	4
International Relations and Trade	3	2	3	Trade agreements, membership of international organizations, bilateral relations; sanctions or other costly international actions	SRM - External finances: Current account deficit and FDI; Macro: real GDP growth; QO - Structural features: political stability and business environment; External finances: vulnerability to shocks	3
Creditor Rights	4	2	4	Willingness to service and repay debt	SRM - Structural features: years since default or restructuring even; QO - Potential adjustment in one of the QO pillars	2
Data Quality and Transparency	3	2	3	Availability, limitations and reliability of economic and financial data, including transparency of public debt and contingent liabilities	Data Sources, Limitations and Reasonable Investigation; Data Revisions and Limitations	1

CREDIT-RELEVANT ESG SCALE How relevant are E, S and G issues to the overall credit rating? Highly relevant to rating, a key rating driver with a high weight. Relevant to rating, a rating driver. Relevant, but only has an impact on entity rating in combination with other factors. Irrelevant to the entity rating but relevant to the sector.



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