Kingdom of Spain Rating Review Annex



Α-

STABLE OUTLOOK

Credit strengths

- Large, diversified economy
- Favourable debt profile
- Euro area membership

Credit challenges

- High debt
- Budgetary pressures resulting from aging
- · Elevated structural unemployment

Rating rationale:

Large and diversified economy: Spain's economy is characterized by its significant size and diversified structure, which is driven by high-value activities. Thanks to its considerable renewable energy production capacity and substantial regasification infrastructure, Spain has been able to weather the energy and inflation crisis, highlighting its comparative advantages.

Favourable debt profile: Public debt is characterised by its long average life, low share of short-term debt, and a stable investor base, with the average cost of debt set to remain moderate compared to historical standards even amid monetary tightening.

Core euro area member: Spain's membership in the euro area confers significant benefits, which contribute to the country's enhanced resilience in the face of global shocks.

Rating challenges include: i) a high level of public debt; ii) elevated structural unemployment and iii) long-term budgetary pressures resulting from unfavorable demographic trends, particularly the increasing expenditure on healthcare and pensions.

Spain's sovereign rating drivers

		Quant	itative	Reserve currency	Qualitative*	Final
Risk pillars		Weight	Indicative rating	Notches	Notches	rating
Domestic Economic Risk		35%	aa-		0	
Public Finance Risk		20%	bb+		0	
External Economic Risk		10%	b+	=115	0	
Financial Stability Risk		10%	aa+	EUR [+1]	0	
ESG	Environmental Factors	5%	bb-	[+1]	0	Α-
Risk	Social Factors	7.5%	b+		-1/3	
i tioit	Governance Factors	12.5%	a-		0	
Indica	ative outcome		а-		0	
Additi	ional considerations	0				

Note: The qualitative scorecard adjustments, capped at one notch per rating pillar, are weighted equally with an aggregate adjustment rounded to the nearest integer. The reserve currency adjustment applies to currencies in the IMF's SDR basket. For details, please see Scope's Sovereign Rating Methodology. Source: Scope Ratings

Outlook and rating triggers

The Stable Outlook reflects our view that risks to the ratings are balanced over the next 12-18 months.

Positive rating-change drivers

- Growth prospects improve, supported by, for example, reform progress
- Improvement in public finances, putting public debt on a firm downward trajectory

Negative rating-change drivers

- Low economic growth or protracted fiscal deterioration weakens debt sustainability
- Reforms are delayed, adversely impacting economic and fiscal outlooks

Ratings and Outlook

Foreign currency

Long-term issuer rating

A-/Stable

Senior unsecured debt

A-/Stable

Short-term issuer rating

S-1/Stable

Local currency

Long-term issuer rating

A-/Stable

Senior unsecured debt

A-/Stable

Short-term issuer rating

S-1/Stable

Lead Analyst

Jakob Suwalski +49 69 6677389-45 j.suwalski@scoperatings.com

Team Leader

Dr Giacomo Barisone +49 69 6677389-22 g.barisone@scoperatings.com

Scope Ratings GmbH

Neue Mainzer Straße 66-68 60311 Frankfurt am Main

Phone +49 69 6677389-0

Headquarters

Lennéstraße 5 10785 Berlin

Phone +49 30 27891-0 Fax +49 30 27891-100

info@scoperatings.com www.scoperatings.com



Bloomberg: RESP SCOP

6 October 2023 1/7

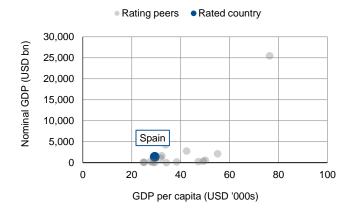


Domestic Economic Risk

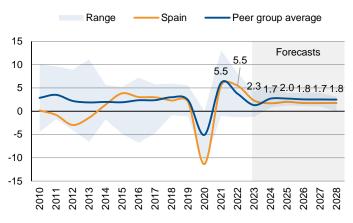
Overview of Scope's qualitative assessments for Spain's Domestic Economic Risk

CVS indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
	Growth potential of the economy	Neutral	0	Moderate growth potential, but medium-term improvements likely due to recovery plan
aa-	Monetary policy framework	Neutral	0	ECB is a highly credible and effective central bank
	Macro-economic stability and sustainability	Neutral	0	Large and diversified economy

Nominal GDP and GDP per capita



Real GDP growth, %



Source: IMF World Economic Outlook (WEO), Scope Ratings

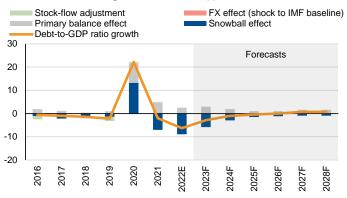
Source: IMF WEO, Scope Ratings forecasts

Public Finance Risk

Overview of Scope's qualitative assessments for Spain's Public Finance Risk

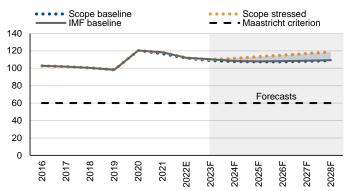
CVS indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
	Fiscal policy framework	Neutral		Solid revenue growth; long-term budgetary pressures resulting from population ageing
bb+	Debt sustainability	Neutral	0	Debt to remain elevated over medium term; moderate but gradually increasing interest burden
	Debt profile and market access	Neutral	()	Strong market access and solid investor base; safe debt composition with large central bank holdings

Contributions to changes in debt levels, pp of GDP



Source: IMF WEO, Scope Ratings forecasts

Debt-to-GDP forecasts, % of GDP



Source: IMF WEO, Scope Ratings forecasts

6 October 2023 2/7

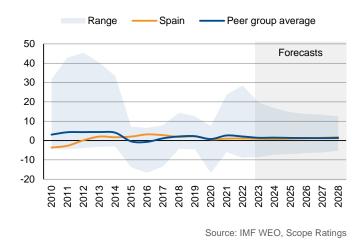


External Economic Risk

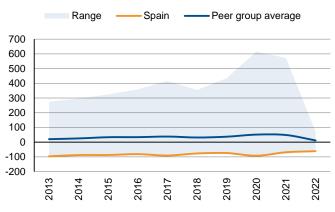
Overview of Scope's qualitative assessments for Spain's External Economic Risk

CVS indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
	Current account resilience	Neutral		Strong recovery in tourism exports; resilience in non-tourism and non- energy trade surplus
b+	External debt structure	Neutral	0	Elevated debt stock, with meaningful shares by the government and central bank
	Resilience to short-term external shocks	Neutral	0	Euro area membership shields against short-term external shocks

Current account balance, % of GDP



Net international investment position (NIIP), % of GDP



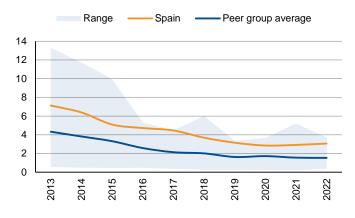
Source: IMF, Scope Ratings

Financial Stability Risk

Overview of Scope's qualitative assessments for Spain's Financial Stability Risk

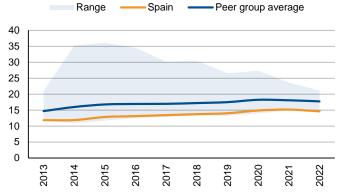
	CVS indicative rating Analytical component		Assessment	Notch adjustment	Rationale
		Banking sector performance	Neutral	0	Banking-system capitalisation remains sound, improvements in profitability
	aa+	Banking sector oversight	Neutral		Effective oversight under European Banking Union authorities and the Bank of Spain
		Financial imbalances	Neutral	0	Private sector deleveraging process

Non-performing loans (NPLs), % of total loans



Source: World Bank, Scope Ratings

Tier 1 capital, % of risk-weighted assets



Source: IMF, Scope Ratings

6 October 2023 3/7



ESG Risk

Overview of Scope's qualitative assessments for Spain's ESG Risk

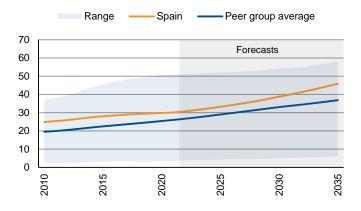
CVS indicative rating	Analytical component	Assessment	Notch adjustment	Rationale				
	Environmental factors	Neutral	()	Exposure to natural disasters; ambitious commitment to achieve carbon neutrality by 2050				
bbb-	Social factors	Weak	-1/3	Adverse demographic trends; significant structural unemployment				
	Governance factors	Neutral	0	Improvements in the labour market thanks to reforms				

CO₂ emissions per GDP, mtCO₂e

Rating peersRated country 40 Greenhouse gas emissions per capita 35 30 25 20 15 Spain 10 5 0 0 200 400 800 CO₂ emissions per 1,000 units of GDP

Source: European Commission, Scope Ratings

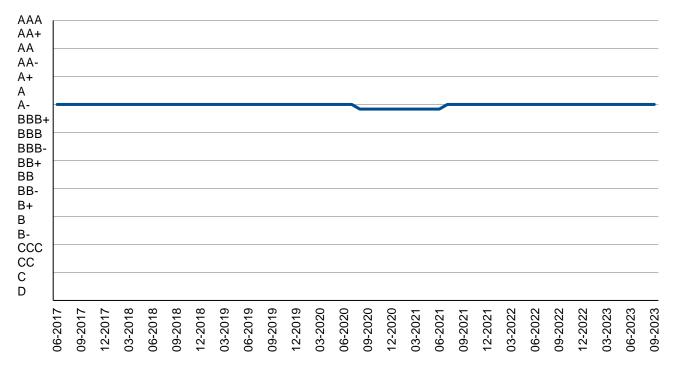
Old age dependency ratio, %



Source: United Nations, Scope Ratings

6 October 2023 4/7

Appendix I. Rating history



NB. Positive/Negative Outlooks are treated with a +/-0.33-notch adjustment. Credit Watch positive/negative with a +/-0.67-notch adjustment.

Appendix II. Rating peers

Rating peers are related to sovereigns with an indicative rating in the same rating category or adjacent categories, with Scope's core variable scorecard embedding a methodological reserve-currency adjustment.

Peer group*
Belgium
Czech Republic
Estonia
France
Japan
Lithuania
Malta
Slovenia
United States

Publicly rated sovereigns only; the full sample may be larger.

6 October 2023 5/7



Appendix III. Statistical table for selected CVS indicators

This table presents a selection of the indicators (24 out of 30 – with the governance indicator reflecting a composite of six indicators) used in Scope's quantitative model, the core variable scorecard, in line with Scope's Sovereign Rating Methodology. The metrics and sources for the data presented here ensure comparability across global peers and may therefore differ from national and other selective international statistics.

Pillar	Core variable	Source	2018	2019	2020	2021	2022
	GDP per capita, USD '000s	IMF	30.4	29.6	26.9	30.1	29.4
ni ti	Nominal GDP, USD bn	IMF	1,422.3	1,394.5	1,275.9	1,428.3	1,400.5
Domestic Economic	Real growth, %	IMF	2.3	2.0	-11.3	5.5	5.5
	CPI inflation, %	IMF	1.7	0.8	-0.3	3.0	8.3
	Unemployment rate, %	WB	15.3	14.1	15.5	14.8	13.0
ပ စု	Public debt, % of GDP	IMF	100.4	98.2	120.4	118.4	112.0
Public Finance	Net interest payment, % of revenue	IMF	5.6	5.2	4.9	4.5	4.6
	Primary balance, % of GDP	IMF	-0.4	-1.0	-8.1	-4.9	-2.5
la l	Current-account balance, % of GDP	IMF	1.9	2.1	0.6	1.0	1.1
External	Total reserves, months of imports	WB	1.6	1.7	2.3	2.1	1.8
	NIIP, % of GDP	IMF	-76.7	-74.0	-92.1	-68.4	-61.1
<u>ia</u> ≯	NPL ratio, % of total loans	IMF	3.7	3.2	2.9	2.9	3.1
Financial Stability	Tier 1 ratio, % of risk-weighted assets	IMF	13.5	13.7	13.7	14.8	14.9
iੂ to	Credit to the private sector, % of GDP	WB	99.5	94.6	108.9	-	-
	CO ₂ per EUR 1,000 of GDP, mtCO ₂ e	EC	145.6	133.5	123.9	128.6	-
	Income share of bottom 50%, %	WID	21.1	21.0	21.1	21.1	-
ESG	Labour-force participation rate, %	WB	74.1	74.2	72.3	73.8	-
_	Old-age dependency ratio, %	UN	29.3	29.6	29.8	30.2	30.7
	Composite governance indicators*	WB	0.8	0.9	0.8	0.8	-

 $^{^{\}ast}$ Average of the six World Bank Worldwide Governance Indicators.

Appendix IV. Economic development and default indicators

IMF Development Classification
5y USD CDS spread (bps) as of 5 October 2023

Advanced economy

55

6 October 2023 6/7



Scope Ratings GmbH

Headquarters Berlin

Lennéstraße 5 D-10785 Berlin

Phone +49 30 27891 0

Oslo

Karenslyst allé 53 N-0279 Oslo

Phone +47 21 09 38 35

Frankfurt am Main

Neue Mainzer Straße 66-68 D-60311 Frankfurt am Main

Phone +49 69 66 77 389 0

Madrid

Paseo de la Castellana 141 E-28046 Madrid

Phone +34 91 572 67 11

Paris

10 avenue de Messine FR-75008 Paris

Phone +33 6 6289 3512

Milan

Via Nino Bixio, 31 20129 Milano MI

Phone +39 02 8295 8254

Scope Ratings UK Limited

London

52 Grosvenor Gardens London SW1W 0AU

Phone +44 20 7824 5180

info@scoperatings.com www.scoperatings.com

Disclaimer

© 2023 Scope SE & Co. KGaA and all its subsidiaries including Scope Ratings GmbH, Scope Ratings UK Limited, Scope Fund Analysis GmbH, and Scope ESG Analysis GmbH (collectively, Scope). All rights reserved. The information and data supporting Scope's ratings, rating reports, rating opinions and related research and credit opinions originate from sources Scope considers to be reliable and accurate. Scope does not, however, independently verify the reliability and accuracy of the information and data. Scope's ratings, rating reports, rating opinions, or related research and credit opinions are provided 'as is' without any representation or warranty of any kind. In no circumstance shall Scope or its directors, officers, employees and other representatives be liable to any party for any direct, indirect, incidental or other damages, expenses of any kind, or losses arising from any use of Scope's ratings, rating reports, rating opinions, related research or credit opinions. Ratings and other related credit opinions issued by Scope are, and have to be viewed by any party as, opinions on relative credit risk and not a statement of fact or recommendation to purchase, hold or sell securities. Past performance does not necessarily predict future results. Any report issued by Scope is not a prospectus or similar document related to a debt security or issuing entity. Scope issues credit ratings and related research and opinions with the understanding and expectation that parties using them will assess independently the suitability of each security for investment or transaction purposes. Scope's credit ratings address relative credit risk, they do not address other risks such as market, liquidity, legal, or volatility. The information and data included herein is protected by copyright and other laws. To reproduce, transfer, disseminate, translate, resell, or store for subsequent use for any such purpose the information and data contained herein, contact Scope Ratings GmbH at Lennéstraße 5 D-10785 Berlin.

6 October 2023 7/7