Sovereign & Public Sector

7 June 2024



Hungary

Rating report

Rating rationale

Strong record of robust growth dynamics: The Hungarian economy has a strong record of robust growth driven by large foreign investments and significant EU funding, creating high value-added jobs and supporting economic development. Despite Hungary's vulnerability linked to energy-intensive businesses and expectations of subdued economic activity among key external trading partners in 2024, major capacity-expanding foreign direct investment projects are projected to sustain Hungary's growth. We expect real output will recover robustly, with forecasted real growth rates of 2.4% this year and 3.3% in 2025.

Robust structure of external and public liabilities: Hungary's public debt profile demonstrates resilience to external shocks due to its elevated share of domestic financing, facilitated by its domestic retail programme, reducing dependency on external sources. The country's external liabilities mostly consist of direct investment, supporting Hungary's resilience to external shocks.

Rating challenges include: i) an elevated public debt burden with heightened borrowing costs and continuous fiscal deficits; and ii) weak governance metrics, limited policy predictability and lingering uncertainty regarding the inflow of substantial EU funds.

Figure 1: Hungary's sovereign-rating drivers

Risk pillars		Quan	Quantitative		Political risk**	Qualitative***	Final
		Weight	Indicative rating	Notches	Notches	Notches	rating
Dome	Domestic economic risk		a-		Hungary	0	
Public finance risk		20%	bbb+			0	
Extern	External economic risk		b-	HUF		- 1/3	
Financ	Financial stability risk		aa+	ног		0	
	Environmental factors	5%	bbb+	[+0]	[-0]	0	BBB
ESG risk	Social factors	7.5%	bb			0	
11010	Governance factors	12.5%	bbb			- 1/3	
Sovereign Quantitative Model		bbb+				-1	
Additi	Additional considerations					0	

^{*}The reserve-currency quantitative adjustment applies to currencies in the IMF's Special Drawing Rights (SDR) basket.

Foreign currency

Long-term issuer rating/Outlook

BBB/Stable

Senior unsecured debt

BBB/Stable

Short-term issuer rating/Outlook

S-2/Stable

Local currency

Long-term issuer rating/Outlook

BBB/Stable

Senior unsecured debt

BBB/Stable

Short-term issuer rating/Outlook

S-2/Stable

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^{**}The political-risk quantitative adjustment is based on the World Bank's Political Stability & Absence of Violence/Terrorism index.

***The qualitative scorecard analyst adjustments, capped at one notch per rating pillar, are weighted equally with an aggregate adjustment rounded to the nearest integer. For details, please see Scope's Sovereign Rating Methodology. Source: Scope Ratings.



Credit strengths and challenges

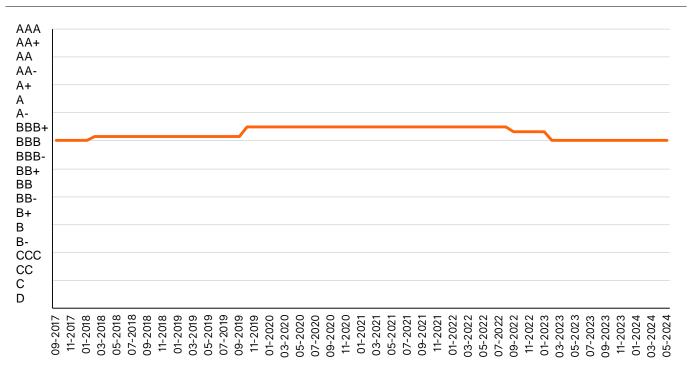
Credit strengths	Credit challenges
Strong record of robust growth performance, backed by high investment	High public debt stockWeak governance indicators, lingering uncertainty regarding the
Robust structure of external and public liabilities	inflow of substantial EU funds

Outlook and rating triggers

The Stable Outlook reflects Scope's view that risks to the ratings are balanced.

Positive rating-change drivers Improvement of medium-term growth prospects supported by improving external metrics	Negative rating-change drivers Material worsening of growth prospects and/or external metrics The fiscal outlook deteriorated, for example, due to elevated fiscal
 Improvement in public finances, resulting in a significant reduction in public debt in the medium term Governance and/or political risks eased, improving the quality and predictability of policymaking 	deficits • Governance and/or political risks increased affecting the quality and predictability of policymaking

Figure 2: Rating history¹



Foreign-currency long-term issuer rating. Positive/Negative Outlooks are treated with a +/-0.33-notch adjustment. Credit Watch positive/negative with a +/-0.67-notch adjustment. Source: Scope Ratings.



Domestic economic risk

Overview of Scope's assessments of Hungary's Domestic Economic Risk

SQM* indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
	Growth potential and outlook	Neutral	0	Robust growth dynamics supported by high investments; low savings
a-	Monetary policy framework	Neutral	0	Credible central bank; previous discrepancies in the policy mix have limited effectiveness of monetary policy
a	Macroeconomic stability and sustainability	Neutral	0	High reliance on external markets; economic structure dominated by energy-intensive businesses with complex value chains; large-scale foreign direct investments in key industries support recovery

Figure 3: Nominal GDP and GDP per capita

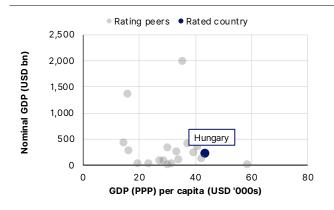
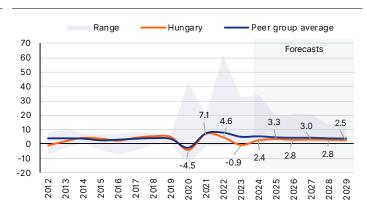


Figure 4: Real GDP growth, %



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

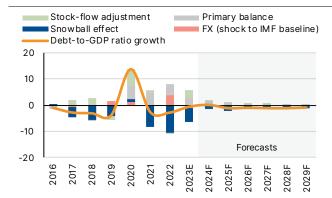
Source: IMF WEO, Scope Ratings forecasts

Public finance risk

Overview of Scope's assessments of Hungary's Public Finance Risk

SQM indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
	Fiscal policy framework	Neutral	0	Good record of primary surpluses pre-Covid; but limited fiscal space, elevated budget deficits over the medium-term compared to peers
bbb+	Long-term debt trajectory	Neutral	0	Elevated debt burden and growing interest payments; long-term debt trajectory supported by robust nominal growth prospects
	Debt profile and market access	Neutral	0	Resilient debt profile and solid domestic investor base; still- elevated foreign-currency denominated share of debt (25-30%)

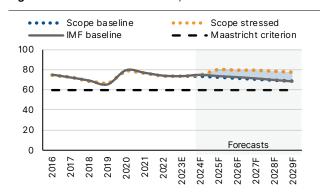
Figure 5: Contributions to change in debt levels, pps of GDP



Source: IMF WEO, Scope Ratings forecasts

*Sovereign Quantitative Model.

Figure 6: Debt-to-GDP forecasts, % of GDP



Source: IMF WEO, Scope Ratings forecasts

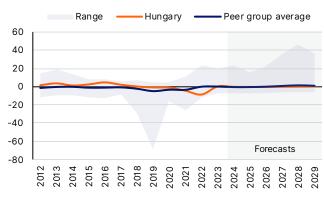


External economic risk

Overview of Scope's assessments of Hungary's External Economic Risk

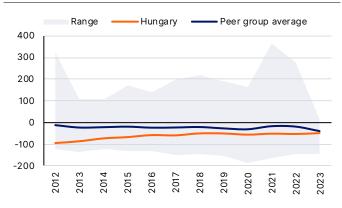
SQM indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
b-	Current account resilience	Neutral	0	Current account balance registered an annual surplus in 2023, supported by rising private sector financial savings.
	External debt structure	Neutral	0	External liabilities mostly consist of direct investment and equity rather than debt-creating flows; rising share of government debt in foreign currency.
	Resilience to short-term external shocks	Weak	-1/3	High refinancing needs; reliance on external demand and foreign capital

Figure 7: Current-account balance, % of GDP



Source: IMF WEO forecasts, Scope Ratings

Figure 8: Net international investment position (NIIP), % GDP



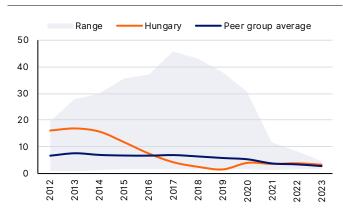
Source: IMF, Scope Ratings

Financial stability risk

Overview of Scope's assessments of Hungary's Financial Stability Risk

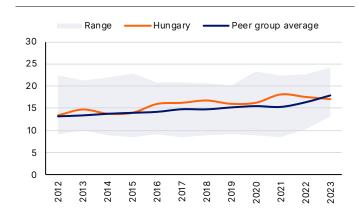
SQM indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
	Banking sector performance	Neutral	0	High capitalisation and liquidity levels; resilient profitability
aa+	Financial sector oversight and governance	Neutral	0	Effective supervisory control; timely and comprehensive regulatory measures
	Financial imbalances	Neutral	0	Macroprudential measures underpin financial stability; moderate private sector debt

Figure 9: Non-performing loans (NPLs), % of total loans



Source: World Bank (WB), Scope Ratings

Figure 10: Tier 1 capital, % of risk-weighted assets



Source: IMF, Scope Ratings

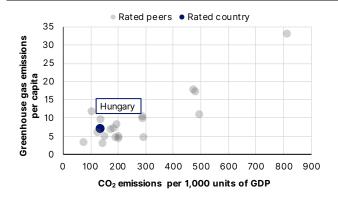


Environmental, Social and Governance (ESG) risk

Overview of Scope's assessments of Hungary's ESG Risk

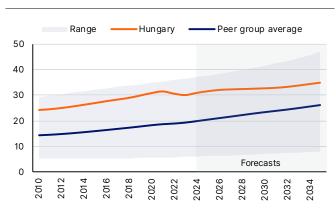
SQM indicative rating	Analytical component	Assessment	Notch adjustment	Rationale
bbb-	Environmental factors	Neutral	0	Low natural disasters risk; elevated reliance on fossil fuel imports
	Social factors	Neutral	0	Significant employment gaps and high regional inequalities, mirroring those observed among peers
	Governance factors	Weak	-1/3	Ongoing institutional challenges; limited policy predictability and lingering uncertainty regarding the inflow of substantial EU funds

Figure 11: CO₂ emissions per GDP, mtCO₂e



Source: European Commission (EC), Scope Ratings

Figure 12: Old-age dependency ratio, %



Source: United Nations (UN), Scope Ratings

Reserve-currency adjustment

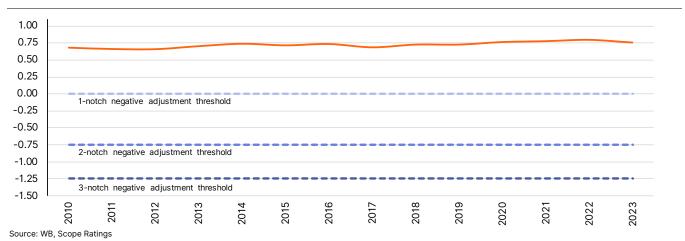
Figure 13: IMF SDR basket and Scope reserve-currency adjustment

Currency	U.S. dollar	Euro	Chinese yuan	Japanese yen	Pound sterling	Other
IMF SDR basket weights, %	43.4	29.3	12.3	7.6	7.4	0.0
Positive adjustment, notches	3	1	1	1	1	0

Source: IMF, Scope Ratings

Political-risk adjustment

Figure 14: WB Political Stability & Absence of Violence/Terrorism index, Hungary, 3-year moving average



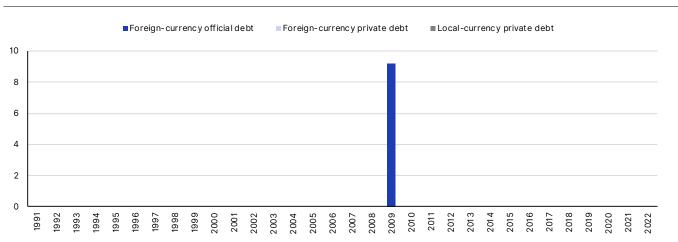


Additional considerations

No adjustment was applied to the rating from additional considerations.

Appendix I. Sovereign default history

Figure 15: Sovereign default history, USD m



Depicted private-debt defaults may not always constitute a credit event under <u>Scope's credit-rating definitions</u>. Source: <u>Bank of Canada–Bank of England Sovereign Default Database</u>, Scope Ratings.

Appendix II. Rating peers

Rating peers are related to sovereigns with an indicative rating in the same rating category or adjacent categories, as assigned by Scope's sovereign quantitative model after accounting for methodological reserve-currency and political-risk adjustments.



^{*}Select publicly-rated sovereigns only; the full sample of sovereign-rating peers may be larger.

Appendix III. Economic development and default indicators

IMF Development Classification Emerging market and developing economy

5y USD CDS spread (bp) as of 6 June 2024 127



Appendix IV. Statistical table for selected SQM indicators

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

Pillar	Core variable	Source	2018	2019	2020	2021	2022	2023
nic	GDP per capita (PPP), USD '000s	IMF	32.2	34.4	33.3	37.4	42.0	43.6
ono	Nominal GDP, USD bn	IMF	160.6	164.0	157.2	182.1	178.1	212.6
ic Ec	Real growth, %	IMF	5.4	4.9	-4.5	7.1	4.6	-0.9
Domestic Economic	CPI inflation, %	IMF	2.8	3.4	3.3	5.1	14.6	17.1
Dor	Unemployment rate, %	WB	3.7	3.4	4.3	4.1	3.6	4.1
., Φ	Public debt, % of GDP	IMF	69.1	65.3	79.3	76.7	73.9	73.4
Public Finance	Net interest payment, % of government revenue	IMF	5.1	4.9	5.0	5.1	5.3	9.6
□ 1	Primary balance, % of GDP	IMF	0.2	0.1	-5.4	-5.1	-4.0	-2.8
le je	Current-account balance, % of GDP	IMF	0.2	-0.8	-1.1	-4.2	-8.2	0.3
External Economic	Total reserves, months of imports	WB	2.5	2.5	3.6	3.0	2.5	-
EG E	NIIP, % of GDP	IMF	-48.7	-48.9	-54.4	-49.9	-51.3	-
<u></u>	NPL ratio, % of total loans	IMF	2.5	1.5	4.0	3.6	3.8	3.3
Financial Stability	Tier 1 ratio, % of risk-weighted assets	IMF	15.8	15.9	15.1	17.0	17.3	16.3
F. St	Credit to the private sector, % of GDP	WB	32.4	33.4	37.9	38.7	36.0	-
	CO. per EUR 1,000 of GDP, mtCO.e	EC	176.4	163.2	163.0	157.7	138.5	-
	Income share of bottom 50%, %	WID	22.5	22.4	22.5	21.3	21.4	-
O	Labour-force participation rate, %	WB	71.9	72.6	72.8	76.1	76.9	-
ESG	Old-age dependency ratio, %	UN	28.9	29.8	30.8	31.4	30.5	30.0
	Composite governance indicators*	WB	0.4	0.4	0.4	0.4	0.3	-
	Political stability, index	WB	0.7	0.8	0.8	0.8	0.6	-

^{*}Average of the following five World Bank Worldwide Governance Indicators: Control of Corruption, Voice and Accountability, Rule of Law, Government Effectiveness, Regulatory Quality.

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