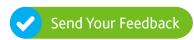


CREDIT OPINION

28 July 2025

Update



RATINGS

Madrid, Comunidad Autonoma de

Domicile	Spain
Long Term Rating	Baa1
Туре	LT Issuer Rating - Dom Curr
Outlook	Positive

Please see the <u>ratings section</u> at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

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Comunidad Autonoma de Madrid (Spain)

Update to credit analysis

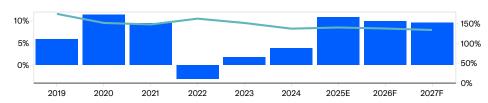
Summary

Comunidad Autonoma de Madrid's (Baa1 positive) credit profile reflects the region's good fiscal performance, supported by a well-controlled deficit and manageable debt burden. We expect its operating margin to improve and debt ratios to remain stable in the next two to three years, driven by Spain's positive economic prospects. Madrid benefits from a strong economic base, accounting for around 20% of Spain's GDP, and has the highest GDP per capita among Spanish regions. Its credit profile is supported by a high likelihood of extraordinary support from the Government of Spain (Baa1 positive).

Exhibit 1

Madrid is likely to maintain its strong financial profile over the next few years, as reflected in its positive POB and stable debt burden

- Primary Operating Balance (POB) / Operating Revenue (LHS)
- Net Direct and Indirect Debt (NDID) / Operating Revenue (RHS)



E = Estimated; F = Forecast based on Moody's Ratings estimates. Sources: Issuer and Moody's Ratings

Credit strengths

- » Good budgetary management, which has kept deficits under control
- » Good access to capital markets and a strong debt management
- » Large and diversified economy

Credit challenges

Moderate debt burden and low cash on hand

Rating outlook

The rating outlook is positive, reflecting Spain's more balanced economic growth prospects. This could result in higher tax revenue and increased transfers from the central government than initially expected, enhancing the region's fiscal and debt metrics.

Factors that could lead to an upgrade

The strengthening of Spain's credit profile, as reflected by an upgrade of the sovereign rating, could have positive credit implications for the Spanish sub-sovereigns in general in the form of further reductions in systemic risk. Because Madrid's rating is at par with that of Spain, an upgrade of its rating would require an upgrade of the sovereign rating.

Factors that could lead to a downgrade

Any downgrade of Spain's rating would likely have similar implications for Madrid's rating. A substantial deterioration in Madrid's budgetary ratios, reflected in large financing deficits and rising debt burden, could also strain the region's rating.

Key indicators

Exhibit 2

Comunidad Autonoma de Madrid

2019	2020	2021	2022	2023	2024	2025E	2026F	2027F
5.8	11.3	9.4	-3.1	1.7	3.8	10.8	9.9	9.5
-1.9	2.7	4.5	-8.7	-8.0	-2.6	-0.9	1.2	1.2
174.5	151.5	147.7	162.4	151.4	137.0	140.0	137.4	133.7
3.8	3.2	3.0	3.1	3.2	3.4	4.0	3.3	3.2
6.3	7.2	6.6	7.1	9.3	8.0	12.0	9.9	9.7
0.2	3.2	6.2	2.9	1.1	0.4	1.2	0.8	0.8
	5.8 -1.9 174.5 3.8 6.3	5.8 11.3 -1.9 2.7 174.5 151.5 3.8 3.2 6.3 7.2	5.8 11.3 9.4 -1.9 2.7 4.5 174.5 151.5 147.7 3.8 3.2 3.0 6.3 7.2 6.6	5.8 11.3 9.4 -3.1 -1.9 2.7 4.5 -8.7 174.5 151.5 147.7 162.4 3.8 3.2 3.0 3.1 6.3 7.2 6.6 7.1	5.8 11.3 9.4 -3.1 1.7 -1.9 2.7 4.5 -8.7 -8.0 174.5 151.5 147.7 162.4 151.4 3.8 3.2 3.0 3.1 3.2 6.3 7.2 6.6 7.1 9.3	5.8 11.3 9.4 -3.1 1.7 3.8 -1.9 2.7 4.5 -8.7 -8.0 -2.6 174.5 151.5 147.7 162.4 151.4 137.0 3.8 3.2 3.0 3.1 3.2 3.4 6.3 7.2 6.6 7.1 9.3 8.0	5.8 11.3 9.4 -3.1 1.7 3.8 10.8 -1.9 2.7 4.5 -8.7 -8.0 -2.6 -0.9 174.5 151.5 147.7 162.4 151.4 137.0 140.0 3.8 3.2 3.0 3.1 3.2 3.4 4.0 6.3 7.2 6.6 7.1 9.3 8.0 12.0	5.8 11.3 9.4 -3.1 1.7 3.8 10.8 9.9 -1.9 2.7 4.5 -8.7 -8.0 -2.6 -0.9 1.2 174.5 151.5 147.7 162.4 151.4 137.0 140.0 137.4 3.8 3.2 3.0 3.1 3.2 3.4 4.0 3.3 6.3 7.2 6.6 7.1 9.3 8.0 12.0 9.9

E = Estimated; F = Forecast based on Moody's Ratings estimates. Sources: Issuer and Moody's Ratings

Detailed credit considerations

The credit profile of Madrid, as expressed in its Baa1 positive rating, combines a Baseline Credit Assessment (BCA) of baa3 and a high likelihood of extraordinary support from the national government in the event the region faces acute liquidity stress.

Profile

Comunidad Autonoma de Madrid, located in central Spain and home to the nation's capital, had a population of about 7 million (approximately 4.6% of Spain's total) as of the most recent data available in April 2025, making it the country's most densely populated autonomous region. Its diversified and robust economy contributes around 20% to Spain's GDP, mainly through sectors such as finance, commerce, healthcare, and education. Madrid's administration is characterized by strong financial management, maintaining deficits and debt levels under control.

Baseline Credit Assessment

Good budgetary management, which has kept deficits under control

According to Madrid's realized budget of 2024, the region achieved a positive primary operating balance (POB) of €1.04 billion (accounting for 3.8% of revenue), up from €409 million (1.7%) in 2023. This improvement was driven by a 14.7% rise in operating revenue, mainly caused by increased tax revenue following a one-time settlement of the regional funding of the regional funding system for 2022, received in 2024, which doubled revenue from the previous year. Meanwhile, operating expenses grew by 12.3% (excluding interest payments), mainly because of a 33% surge in overhead costs — particularly higher healthcare expenditure and a one-off €926 million payment that resolved contracts with six private hospitals.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the issuer/deal page on https://ratings.moodys.com for the most updated credit rating action information and rating history.

During 2025-27, the operating margin is projected to remain stable at around 10% of its operating revenue, underpinned by sustained positive economic growth in the region. In addition, resources from the regional funding settlement are likely to return to typical levels beginning in 2025.

When considering the region's POB alongside interest payments, capital revenue and spending, Madrid reported a financing deficit of €713 million in 2024, equivalent to 2.6% of its operating revenue. This marks an improvement from the €1.9 billion deficit recorded in 2023, which was equivalent to 8% of its operating revenue. While capital expenditure remained mostly stable, capital revenue increased by around 66% in 2024 compared with 2023, mainly because of more transfers from the EU funds. On a European System of Accounts basis, Madrid registered an estimated deficit of 0.19% of its GDP in 2024, compared with a deficit of 0.74% of regional GDP in 2023. A deficit close to -0.1% of regional GDP is expected for 2025.

Madrid will receive around €4.8 billion from Spain's Recovery and Resilience Plan until 2026, of which around €3.3 billion was received as of May 2025. This will help the region fund investment projects, such as digitalisation and the extension of the metro line 11 in the city of Madrid.

Good access to capital markets and strong debt management

Madrid has typically met its annual financial needs in the capital markets, distinguishing itself as one of the Spanish regions under the common regime that has largely avoided relying on the central government liquidity mechanisms — the Fondo de Liquidez Autonomico (FLA) and the Fondo de Facilidad Financiera (FFF). In addition, the region has managed to benefit from robust demand from a wide group of both domestic and international investors, which often results in oversubscriptions and ensures favourable funding conditions.

For the year 2025, Madrid's funding needs decreased to around €3.3 billion, from €4.3 billion in 2024. As of July 2025, all funding needs were covered. This was achieved through various means, including the issuance of a 10-year sustainable bond of €1 billion in February, which received offers exceeding six times its principal amount, and its first-ever European green bond (EuGB) of €500 million in June. The remaining financial requirements were covered with loans from various financial institutions.

In recent years, the region's average maturity of its debt portfolio has stabilised slightly above eight years, making it one of the longest among other regions in Spain that we rate (8.2 years as of December 2024). In addition, Madrid maintained a manageable debt cost of 2.3% in 2024.

Supported by the region's sophisticated debt management, Madrid was the first Spanish region to issue green, social and sustainable bonds, including eight public sustainable bonds and six green bonds since 2017, becoming the Spanish public entity with the largest amount of outstanding sustainable bonds in the country totalling €8.3 billion as of July 2025.

Large and diversified economy

Madrid is one of the country's most developed and wealthiest regions with the highest GDP per capita among Spanish regions, at €42,198 in 2023 (latest available data at the regional level), well above the national level of €30,968. The region has the largest economy in the country, accounting for 19.6% of Spain's GDP in 2023.

Madrid's economy is predominantly concentrated in the services sector, which includes financial services, commerce, healthcare and education. The region is also the country's biggest recipient of foreign direct investment, together with the region of Catalonia, accounting for around 67% of all foreign companies in Spain as of December 2024.

According to the national's statistical institute, Madrid's real GDP growth was 2.5% in 2023 (2.7% in Spain). Based on the region's estimations, its GDP growth is likely to be around 2.4% in 2025 (3.3% in 2024 versus 3.2% in Spain).

In the first quarter of 2025, Madrid's unemployment rate was 9.1%, compared with 11.4% at the national level during the same period.

Moderate debt burden and low cash on hand

Madrid's direct debt stock grew by 4.2% to €35.8 billion in 2024 (including €162 million of short-term debt) from €34.3 billion a year earlier. The region's indirect debt as of year-end 2024 was close to €4.3 billion, of which around €1.5 billion was from non-self-supporting companies, including debt from public-private partnership projects, such as roads and bus interchange stations. The region

also guaranteed debt of €53 million in 2024, including two loans from the <u>European Investment Bank</u> (Aaa stable) to the company that operates Madrid's metro.

In 2024, the region's net direct and indirect debt/operating revenue fell to 137% from 151% in 2023, mainly because of higher operating revenue. The debt burden is likely to further decline to about 134% by 2027, supported by rising revenue and limited new borrowing. If Madrid joins the central government's <u>partial debt cancellation plan</u> (reducing debt by €8.6 billion, or 24% of its 2024 direct debt), its debt burden could drop to around 105%. However, because Madrid has no debt via central government liquidity mechanisms, this relief will take over a year to materialise, with supplementary funds provided to match loan repayments until reaching €8.6 billion. This proposal is still subject to legal approval, with an unknown time frame for its implementation.

Madrid had one of the lowest debt-to-GDP ratios at 12%, compared with the average of 21% for Spanish regions, according to Bank of Spain data in December 2024.

Madrid's cash on hand was very low at €106 million as of year-end 2024, equivalent to only 0.4% of its operating revenue, down from €250 million or 1.1% of operating revenue in 2023. However, to cover emergency needs in the event of a shortfall in 2024, Madrid secured standby facilities totalling €2.8 billion with financial institutions. Of this amount, €1.8 billion were credit line facilities and €1 billion were short-term notes. As of December 2024, the region had €162 million in outstanding short-term debt. The rollover of the €1.8 billion in credit line facilities has been extended until 2026, ensuring sufficient liquidity to address unexpected treasury needs during this period.

Extraordinary support considerations

Madrid has a high likelihood of receiving extraordinary support from the national government, reflecting our assessment of the risk to the Spanish government's reputation if the region were to default. The region's role in providing crucial services, such as healthcare and education, and its presence in the capital markets are additional incentives for the central government to provide support, if necessary. This assessment is corroborated by a consistent track record of government support for the region over the last few years, as illustrated by the launch of the FLA in 2012, the FFF in 2015 and the additional transfers provided by the central government to the regional sector to mitigate the negative effects of the pandemic on the regions finances in 2020 and 2021. Therefore, we have incorporated two notches of uplift into the final rating of Baa1 from Madrid's standalone credit assessment (BCA) of baa3.

ESG considerations

Madrid, Comunidad Autonoma de's ESG credit impact score is CIS-2

Exhibit 3

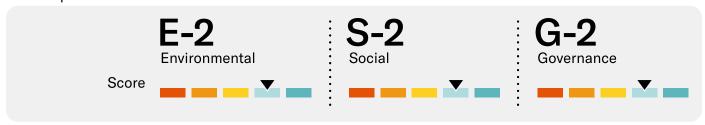
ESG credit impact score



Source: Moody's Ratings

Madrid's ESG considerations do not have a material impact on the current rating (CIS-2).

Exhibit 4
ESG issuer profile scores



Source: Moody's Ratings

Environmental

Madrid's exposure to environmental risks are not material in differentiating credit quality(E-2).

Social

Madrid's exposure to social risks are not material in differentiating credit quality (S-2). This score reflects low exposure to social risks across most categories and with particularly strong scores in health & safety. Like other Spanish regions, the Comunidad Autonoma de Madrid faces long term fiscal pressures from ageing population, which will also affect social and healthcare expenditure. However, given the region's dynamic economy, population growth and large tax base, expenditure pressures are more manageable compared to other Spanish regions.

Governance

The Comunidad Autonoma de Madrid's institutions and governance strength are reflected in its issuer profile score of (**G-2**) that is not material in differentiating credit quality. The region's institutional structure is characterized by limited expenditure flexibility. Despite this, the region of Madrid demonstrates strong policy effectiveness and adheres to prudent budgeting principles. In addition, the management follows conservative debt and investment policies, limiting the region's exposure to market-related risks. The region's fiscal and debt management strategies are further enhanced by comprehensive financial reporting and high-quality transparency standards.

For more detail on our approach to incorporating environmental, social and governance factors in credit analysis, please see our <u>cross-sector rating methodology.</u>

Rating methodology and scorecard factors

The assigned BCA of baa3 is two notches below the BCA scorecard-indicated outcome of baa1. The difference reflects our view that the liquidity of the region is more constrained than indicated by the scorecard, factoring in our expectation of downward pressure on the liquidity ratio.

For details about our rating approach, please refer to our Regional and Local Governments rating methodology.

Exhibit 5
Madrid, Comunidad Autonoma de
Regional & Local Governments

Baseline Credit Assessment - Scorecard	Score	Value	Sub-factor Weighting	Sub-factor Score	Factor Weighting	Total
Factor 1: Economy	<u> </u>				25%	0.52
Regional Income [1]	1.17	73356.14	15%	0.17		
Economic Growth	6.00	a	5%	0.30		
Economic Diversification	1.00	aaa	5%	0.05		
Factor 2: Institutional Framework and						
Governance					30%	2.25
Institutional Framework	12.00	ba	15%	1.80		
Governance	3.00	aa	15%	0.45		
Factor 3: Financial Performance					20%	2.23
Operating Margin [2]	10.95	3.81%	10%	1.09		
Liquidity Ratio [3]	19.72	0.39%	5%	0.99		
Ease of Access to Funding	3.00	aa	5%	0.15		
Factor 4: Leverage					25%	2.14
Debt Burden [4]	8.85	137.01%	15%	1.33		
Interest Burden [5]	8.08	3.38%	10%	0.81		
Preliminary BCA Scorecard-Indicated						
Outcome (SIO)						(7.14) a3
Idiosyncratic Notching						0.0
Preliminary BCA SIO After Idiosyncratic						
Notching						(7.14) a3
Sovereign Rating Threshold						Baa1
Operating Environment Notching						0.0
BCA Scorecard-Indicated Outcome						(8.00) baa
Assigned BCA						baa3

- [1] Regional GDP per capita in terms of purchasing power parity (PPP) terms, in international dollars
- [2] Primary Operating Balance / Operating Revenue
- [3] Cash and Cash Equivalents / Operating Revenue
- [4] Net Direct and Indirect Debt / Operating Revenue
- [5] Interest Payments/ Operating Revenue

Source: Moody's Ratings; Fiscal 2024.

Ratings

Exhibit 6

Category	Moody's Ratin		
MADRID, COMUNIDAD AUTONOMA DE			
Outlook	Positive		
Baseline Credit Assessment	baa3		
Issuer Rating -Dom Curr	Baa1		
Senior Unsecured -Dom Curr	Baa1		
Source: Moody's Ratings			

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