## CREDIT OPINION

2 June 2020

## Update

## Rate this Research

RATINGS
Ceske drahy, a.s.

| Domicile | Czech Republic |
| :--- | :--- |
| Long Term Rating | Baa2 |
| Type | LT Issuer Rating - Fgn <br> Curr |
| Outlook | Stable |

Please see the ratings section 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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## Ceske drahy, a.s.

## Update to credit analysis

## Summary

Ceske drahy, a.s.'s (CD) Baa2 issuer rating incorporates a three-notch uplift from the ba2 Baseline Credit Assessment (BCA), in accordance with our Government-Related Issuers rating methodology. The uplift reflects the continued strong relationship between the company and its sole shareholder, the Government of Czech Republic (Aa3 stable).

CD's ba2 BCA is underpinned by the company's solid market position in the Czech Republic and high revenue visibility because of the contracts that it has signed with the government and 14 municipalities for the operation of passenger railway lines. The BCA also reflects our expectation that the company will retain a solid market share well above $80 \%$ and a solid operating performance, driven by traffic growth and the ongoing implementation of efficiency measures.

The BCA is constrained by the expected negative free cash flow (FCF) in the next 18-24 months, driven by high capital spending needs and by the impact of the coronavirus outbreak. As a result, we expect the company's leverage to increase to above 6.0x in 2020 and trend towards $6.0 x$ by 2021.

Exhibit 1
Leverage will deteriorate because of the additional funding required to maintain cash balance


All figures and ratios are calculated using Moody's estimates and standard adjustments. Moody's Forecasts (f) or Projections (proj.) are Moody's opinion and do not represent the views of the issuer. Periods are financial year-end unless indicated. Source: Moody's Financial Metrics ${ }^{\text {TM }}$

## Credit strengths

» High probability of support from the government
» Strong operating performance
» Solid position in the domestic market
» Good revenue visibility because of long-term service contracts with central and local authorities

## Credit challenges

» High capital spending, which maintains pressure on FCF
» Modest reduction in market share in light of the ongoing liberalisation of the railways market
» Passenger and cargo traffic reduction caused by the coronavirus outbreak

## Rating outlook

The stable outlook reflects our expectation that CD's leverage will remain within our guidance for the rating in the next 18-24 months despite the increase in leverage. The outlook also reflects our expectation that CD will reach a stable operating performance by yearend 2020 and will resume growth from 2021.

## Factors that could lead to an upgrade

» Upward pressure on the rating would likely result from an upgrade of CD's BCA to ba1 from the current ba2 as a result of a sustained improvement in the company's operating performance; EBITA margin remaining in the high single digits in percentage terms, Moody's-adjusted debt-to-EBITDA ratio of around $4.5 x$ on a sustained basis, and FCF turning positive on a sustained basis.
» While links with the sovereign are deemed strong and an upgrade of the rating of the Czech Republic would be positive for CD's credit quality, it is unlikely to result in an upgrade of CD's rating, which is currently constrained by the ba2 BCA.

## Factors that could lead to a downgrade

» Downward pressure on the rating could emerge if we were to downgrade CD's BCA to ba3 from ba2 as a result of a weakening in the company's operational performance or credit metrics, such that its Moody's-adjusted debt-to-EBITDA ratio increases and remains above 6.0x, FCF remains negative for a prolonged period or its liquidity deteriorates.
» A downgrade of CD's rating could also be triggered by a downgrade of the Czech Republic's sovereign rating or a weakening of the close links between the company and its sole shareholder.

## Key indicators

Exhibit 2
Ceske drahy, a.s.

| (USD Billion) | Dec-15 | Dec-16 | Dec-17 | Dec-18 | Dec-19 | 2020-Proj. | 2021-Proj. |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | $\$ 1.3$ | $\$ 1.4$ | $\$ 1.5$ | $\$ 1.8$ | $\$ 1.8$ | $\$ 1.5$ | $\$ 1.6$ |
| EBITA Margin \% | $7.6 \%$ | $7.7 \%$ | $5.3 \%$ | $6.0 \%$ | $5.3 \%$ | $0.9 \%$ | $4.1 \%$ |
| EBITA / Average Assets | $2.7 \%$ | $2.8 \%$ | $2.0 \%$ | $2.6 \%$ | $2.3 \%$ | $0.4 \%$ |  |
| Debt / Book Capitalization | $53.1 \%$ | $52.5 \%$ | $49.3 \%$ | $46.6 \%$ | $48.9 \%$ | $51.8 \%$ | $54.7 \%$ |
| Debt / EBITDA | $4.4 x$ | $4.4 x$ | $4.4 x$ | $3.7 x$ | $4.6 x$ | $7.0 x$ | $6.4 x$ |
| FCF / Debt | $-2.6 \%$ | $-1.6 \%$ | $3.8 \%$ | $-3.7 \%$ | $-7.3 \%$ | $-17.8 \%$ | $-20.3 \%$ |
| RCF / Net Debt | $18.4 \%$ | $22.3 \%$ | $23.5 \%$ | $24.6 \%$ | $22.2 \%$ | $12.9 \%$ | $13.0 \%$ |
| FFO + Interest Expense) / Interest | $5.3 x$ | $6.2 x$ | $6.6 x$ | $7.4 x$ | $7.3 x$ | $4.4 x$ | $4.6 x$ |

All figures and ratios are calculated using Moody's estimates and standard adjustments. Moody's Forecasts (f) or Projections (proj.) are Moody's opinion and do not represent the views of the issuer. Periods are financial year-end unless indicated. LTM = Last 12 months.
Source: Moody's Financial Metrics ${ }^{\text {TM }}$

## Profile

Ceske drahy, a.s. (CD) is the national railway operator in the Czech Republic. The company is mainly engaged in passenger and freight transportation and associated activities.

CD was formed in 2002 when the state-owned company, Czech Railways, split into two separate companies: Ceske drahy, a joint stock company, and the Railway Infrastructure Administration (Sprava zeleznicni dopravni cesty or SZDC), a state-owned company. CD is $100 \%$ controlled by the Czech Republic, which exercises its shareholding rights through a steering committee. This committee has three representatives from the Czech Ministry of Transportation, and one representative each from the ministries of finance, defence, industry and trade, and regional development.

In 2019, CD recorded total revenue from principal operations of CZK40.7 billion ( $€ 1.6$ billion), of which around $70 \%$ was from passenger transportation and around 30\% from freight transportation. The company has around 23,500 employees and is one of the largest employers in the Czech Republic.

## Detailed credit considerations

Passenger and cargo volumes will decline in 2020 because of the spread of coronavirus
The number of passengers and cargo volumes have declined since the coronavirus outbreak started to spread in the Czech Republic in March 2020. Like elsewhere in Europe, travel restrictions have significantly limited passenger traffic, which we expect to have reduced by around $80 \%-90 \%$ in April and May. As some of the company's revenue is linked to costs through contracts with local authorities rather than to volumes, we expect the impact on revenue to be lower compared with passenger traffic. Even though coronavirus infections have significantly decreased in the country, we expect travel to rebound gradually, reflecting the public's weakened desire to move around to attend social gatherings and business meetings, to commute and to travel for leisure.

While there was no restriction on cargo rail traffic in the Czech Republic, we still expect a reduction in cargo traffic of around $25 \%$ in the April-May period and of $14 \%$ for 2020 , reflecting the slowdown in economic activity in the country and in the rest of Europe.

The revenue reduction is to some extent mitigated by the partial unemployment measures that have been put in place by the government, which are leading to employee cost savings for the company.

Assuming a gradual recovery of passenger traffic and cargo traffic, we expect the company's EBITDA to reduce by around CZK3 billion in 2020, leading to an increase in the company's leverage to $7.0 x$ in 2020 from $4.6 x$ in 2019 . We expect both passenger and cargo traffic to continue to recover in 2021 and for leverage to trend towards $6.0 x$ by the end of 2021.

Tenders will continue, but we expect CD to retain a market share of above $80 \%$
The company has service contracts with the state for national long-distance services and with 14 local authorities for regional services. CD remains exposed to the risk of loss of market share from the tender of contracts coming to a maturity. The expiry of both longdistance and regional contracts is spread over time, such that each year less than $10 \%$ of the total passenger railway market will be up for renewal. We expect CD to win at least some of the contracts tendered because of its position as the incumbent operator, compounded by its ongoing efforts to improve its service and modernise its fleet, preserving a market share well above $80 \%$.

As a result of tenders concluded in the last 24 months for the contracts expired in December 2019, CD lost about 7\% market share in the regional market and 11\% in the long-distance market in 2020. We expect this to reduce CD's 2020 revenues by about 5\% compared with the 2019 levels (and before considering the coronavirus impact).

Exhibit 3
CD's market share in the regional passenger market


Source: Company data

Exhibit 4
CD's market share in the long-distance passenger market


Source: Company data

Negative FCF due to capital spending and lower earnings will increase absolute debt levels
Beyond 2020, we expect capital spending to continue to increase mainly because of the company's need to renew its train fleet, which will be key in ensuring that CD remains competitive. Capital spending needs are expected to further step up until 2022, reaching around CZK14 billion per annum on average. We expect the company to retain some flexibility on the execution of its capital spending plan with around CZK10 billion out the expected capital spending being optional and conditional on the successful disposal of assets, mainly land owned by CD. However, the increase in capital spending will strain FCF, which will remain negative at least until 2022 because internal cash flow generation will not be sufficient to fund future capital spending needs.

Exhibit 5
Negative FCF expected, driven by capital spending requirements
Moody's-adjusted FCF/debt


[^0]As internal cash flow generation will not be sufficient to fund future capital spending needs, we expect the company to raise additional debt in the coming years.

We continue to expect high probability of support from the government during the coronavirus crisis As the national railway operator in the Czech Republic, CD is 100\% owned by the Czech government, and, therefore, we have applied our Government-Related Issuers rating methodology. In accordance with this methodology, the Baa2 rating of CD reflects the combination of the following inputs:
» the BCA of ba2
» the Aa3 stable local-currency rating of the Czech government
» our assessment of a high probability of government support
» a very high default dependence between the company and the government
The high probability of support reflects the company's $100 \%$ state ownership and significant control by the Czech government. The Czech government does not explicitly guarantee CD's obligations, but we assume that it would likely provide extraordinary support to the company in case of financial stress.

We expect the government to provide support to CD to compensate for the disruption caused by the coronavirus pandemic and the related restrictions on travel. CD is currently in discussion with the government regarding different forms of support, which could include a capital increase, direct compensation for revenue losses, capital spending subsidies for rail vehicles, or a reduction or a cancellation of track access fees for 2020.

The very high default dependence currently assigned to CD reflects the high level of operational and financial links between CD and its sole shareholder as around $36 \%$ of the company's 2018 revenue was received directly by the state and the regions, and the very high degree of overlap between the revenue bases of CD and its sole shareholder because both entities generate most of their income in the Czech Republic.

CD's business profile is underpinned by its solid market position and revenue visibility
CD's BCA reflects its limited size, with an annual revenue of roughly $€ 1.4$ billion, which is smaller than that of its major European peers. However, the ba2 BCA also positively reflects CD's role as the dominant provider of rail transportation in the Czech Republic and the high visibility of the revenue that the company derives from its passenger transportation activities, in light of the contracts that it has signed with the government and the country's 14 municipalities. We expect to see a gradual increase in the proportion of revenue coming from public entities as regions gradually switch to availability-based contracts (Brutto contracts) from contracts with revenue risk from the sale of tickets for CD (Netto contracts).

## Environmental, social and governance considerations

We take into account the impact of environmental, social and governance (ESG) factors when assessing companies' credit quality. In the case of CD, the main ESG-related drivers are the following:
» Shift to greener forms of transport supports CD's volume growth. Passenger railways tend to be environmentally cleaner and more energy efficient than other forms of transportation such as private passenger vehicles. CD continually modernises its vehicles fleet, enabling the use of more environmentally friendly technologies. Passenger railway volumes will be driven by increasing awareness among travellers as well as government or local authorities' incentives to choose public transportation.
» The rapid and widening spread of the coronavirus outbreak globally, deteriorating global economic outlook, falling oil prices and asset price declines are creating a severe and extensive credit shock across many sectors, regions and markets. The combined credit effects of these developments are unprecedented. The passenger railway sector in Czech Republic has been significantly affected by the shock given its sensitivity to consumer demand and sentiment. We regard the coronavirus outbreak as a social risk.
» CD changed its top management twice in the last three years without any apparent link to management performance or changes in shareholder strategy. These may be linked to changes in the government. While political influence is a sign of the close links and support between railway companies and government authorities, it can also cause disruption in governance and strategy execution.
» CD's sole shareholder is the Czech government and it exercises its shareholder rights through a Steering Committee. The supervisory board consists of nine members who are elected by the Steering Committee and one-third is elected by the company's employees pursuant to the election procedure approved by the board of directors following discussions with the relevant trade unions. CD's financial policy is relatively balanced, with a track record of support from the government.

## Liquidity analysis

The company's liquidity is underpinned by cash of CZK8.8 billion on its balance sheet as of the end of March 2020, and access to CZK10.6 billion available under committed facilities, with maturities exceeding 12 months as of end of March 2020. Together with operating cash flow that we forecast at CZK5.2 billion in 2020, the available liquidity will comfortably cover the expected capital spending of close to CZK13 billion in 2020 (post-IFRS 16) and debt repayments of CZK2.4 billion in 2020.

Exhibit 6
CD's debt maturity profile shows next refinancing needs in 2023


[^1]
## Methodology and scorecard

To provide an overall indication of CD's credit quality on a standalone basis (that is, the BCA), we have applied our Global Passenger Railway Companies rating methodology, published in June 2017. The BCA is three notches lower than the 2019 scorecard-indicated outcome of Baa2 and one notch below the outcome of the forward-looking grid, reflecting the increasing capital spending requirements to modernise the company's fleet and the company's ongoing exposure to market liberalisation.

Exhibit 7
Rating factors
Ceske drahy, a.s.

| Passenger Railway Industry Grid [1][2] | $\begin{aligned} & \text { Current } \\ & \text { FY } 12 / 31 / 2019 \end{aligned}$ |  |
| :---: | :---: | :---: |
| Factor 1 : SIZE (15\%) | Measure | Score |
| a) Revenue (\$ Billion) | \$1.8 | B |
| b) Number of Passenger Transported (PKM billion) | Ba | Ba |
| Factor 2 : MARKET POSITION (40\%) |  |  |
| a) Stability of Operating Environment | Baa | Baa |
| b) Market Characteristics | Baa | Baa |
| c) Competitive Environment | Aa | Aa |
| Factor 3 : COST POSITION AND PROFITABILITY (15\%) |  |  |
| a) EBITA Margin | 5.3\% | Ba |
| b) EBITA / Avg. Assets | 2.3\% | B |
| Factor 4 : CAPITAL STRUCTURE (15\%) |  |  |
| a) Debt / Book Capitalisation | 48.9\% | Aa |
| b) Debt / EBITDA | 4.6x | Ba |
| Factor 5 : CASH FLOW AND INTEREST COVERAGE (15\%) |  |  |
| a) FCF / Debt | -7.3\% | B |
| b) RCF / Net Debt | 22.2\% | Baa |
| c) (FFO + Interest) / Interest | 7.3x | Aa |
| Rating: |  |  |
| a) Indicated Rating from Grid |  | Baa2 |
| b) Actual Rating Assigned |  |  |
| Government-Related Issuer | Factor |  |
| a) Baseline Credit Assessment | ba2 |  |
| b) Government Local Currency Rating | Aa3/Stable |  |
| c) Default Dependence | Very High |  |
| d) Support | High |  |
| e) Final Rating Outcome | Baa2/Stable |  |


[1] All ratios are based on 'Adjusted' financial data and incorporate Moody's Global Standard Adjustments for Non-Financial Corporations; [2] As of 12/31/2019; Source: Moody's Financial Metrics ${ }^{\top \mathrm{TM}} ;[3]$ This represents Moody's forward view; not the view of the issuer; and unless noted in the text, does not incorporate significant acquisitions and divestitures. Source: Moody's Investors Service

## Appendix

Exhibit 8
Peer comparison

| (USD Million) | Ceske drahy, a.s. Baa2 Stable |  |  | Deutsche Bahn AG <br> Aa1 Negative |  |  | SNCF S.A. <br> Aa3 Stable |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FYE | FYE | FYE | FYE | FYE | FYE | FYE | FYE | FYE |
|  | Dec-17 | Dec-18 | Dec-19 | Dec-17 | Dec-18 | Dec-19 | Dec-17 | Dec-18 | Dec-19 |
| Revenue | \$1,460 | \$1,801 | \$1,773 | \$48,237 | \$52,037 | \$49,740 | \$35,965 | \$39,337 | \$39,317 |
| EBITDA | \$389 | \$449 | \$399 | \$6,318 | \$6,517 | \$4,901 | \$4,127 | \$6,522 | \$6,483 |
| EBITA Margin \% | 5.3\% | 6.0\% | 5.3\% | 3.0\% | 3.1\% | 1.9\% | 5.4\% | 6.7\% | 6.4\% |
| EBITA / Avg. Assets | 2.0\% | 2.6\% | 2.3\% | 2.1\% | 2.2\% | 1.3\% | 4.2\% | 3.3\% | 2.4\% |
| FFO + Int Exp / Int Exp | 6.6x | 7.4x | 7.3x | 7.9x | 7.6x | 8.9x | 8.0x | 2.8 x | 3.0x |
| Total Debt/Capital | 49.3\% | 46.6\% | 48.9\% | 68.8\% | 71.2\% | 69.6\% | 69.8\% | 110.7\% | 113.6\% |
| Debt / EBITDA | 4.4x | 3.7x | 4.6x | 5.7x | 6.2x | 7.9x | 5.4x | 13.4x | 13.3x |
| FCF / Debt | 3.8\% | -3.7\% | -7.3\% | -6.9\% | -3.9\% | -6.7\% | -1.4\% | -4.9\% | -4.4\% |
| RCF / Net Debt | 23.5\% | 24.6\% | 22.2\% | 20.8\% | 18.4\% | 15.7\% | 19.6\% | 4.5\% | 4.6\% |

All figures and ratios are calculated using Moody's estimates and standard adjustments. FYE = Financial year-end. LTM = Last 12 months. Source: Moody's Financial Metrics

Exhibit 9
Moody's-adjusted debt breakdown
Ceske drahy, a.s.

| (in KORUNY millions) | FYE <br> Dec-15 | FYE <br> Dec-16 | FYE <br> Dec-17 | FYE <br> Dec-18 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| As Reported Debt | $\mathbf{3 7 , 1 9 1 . 0}$ | $\mathbf{3 7 , 8 2 3 . 0}$ | $\mathbf{3 5 , 0 0 4 . 0}$ | $\mathbf{3 1 , 4 6 9 . 0}$ |
| Operating Leases | $4,245.0$ | $4,083.0$ | $4,284.0$ | $4,950.0$ |
| Non-Standard Adjustments | 467.0 | 301.0 | $\mathbf{4 1 , 8 3 7 . 0}$ |  |
| Moody's-Adjusted Debt | $\mathbf{4 1 , 9 0 3 . 0}$ | $\mathbf{4 2 , 2 0 7 . 0}$ | $\mathbf{1 4 5 . 0}$ |  |

All figures are calculated using Moody's estimates and standard adjustments
Source: Moody's Financial Metrics™

Exhibit 10
Moody's-adjusted EBITDA breakdown
Ceske drahy, a.s.

| (in KORUNY millions) | $\begin{array}{r} \text { FYE } \\ \text { Dec-15 } \end{array}$ | $\begin{array}{r} \text { FYE } \\ \text { Dec-16 } \end{array}$ | $\begin{array}{r} \text { FYE } \\ \text { Dec-17 } \end{array}$ | $\begin{array}{r} \text { FYE } \\ \text { Dec-18 } \end{array}$ | $\begin{array}{r} \text { FYE } \\ \text { Dec-19 } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| As Reported EBITDA | 7,512.0 | 8,673.0 | 8,773.0 | 8,649.0 | 9,991.0 |
| Operating Leases | 1,415.0 | 1,361.0 | 1,428.0 | 1,650.0 | 0.0 |
| Unusual | 653.0 | -374.0 | -1,134.0 | -527.0 | -813.0 |
| Non-Standard Adjustments | -11.0 | -24.0 | -18.0 | -17.0 | -36.0 |
| Moody's-Adjusted EBITDA | 9,569.0 | 9,636.0 | 9,049.0 | 9,755.0 | 9,142.0 |

All figures are calculated using Moody's estimates and standard adjustments.
Source: Moody's Financial Metrics™

## Ratings

Exhibit 11
Category Moody's Rating

CESKE DRAHY, A.S.

| Outlook | Stable |
| :--- | :---: |
| Issuer Rating | Baa2 |
| Senior Unsecured | Baa2 |

Source: Moody's Investors Service
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[^0]:    Source: Moody's Investors Service

[^1]:    Source: Company data

