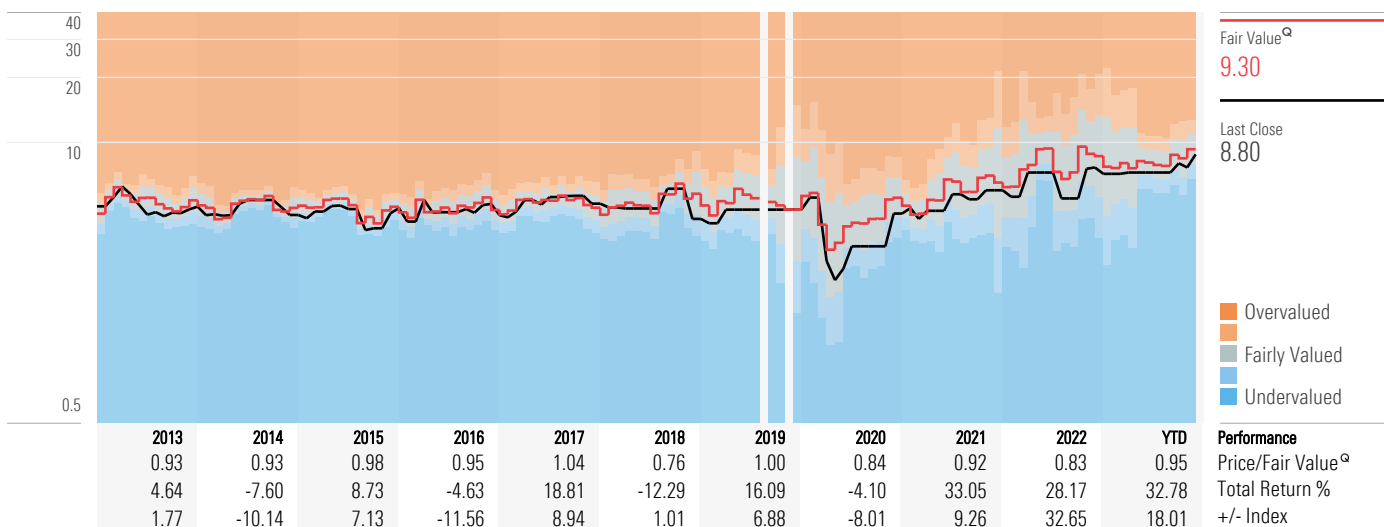


Grupo Financiero Banorte SAB de CV Class O XNOR ★★★ Q 29 Nov 2023, 23:41 UTC

Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	1 Nov 2023 05:00, UTC	7.92	24.3948 Bil	Large Core	Financial Services	Banks - Regional



As of 29 Nov 2023 | Index: Morningstar Mexico GR MXN. Fair Value data as of 29 Nov 2023, 23:41 UTC.

¹The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Lee Davidson, Chief Analytics Officer for Morningstar, Inc, oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr. Davidson is guided by the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit <http://global.morningstar.com/equitydisclosures>.

Key Metrics as of 24 Nov 2023

Metrics	Value	Percentile in Sector
Earnings Yield (%)	11.0	68.0
Sales Yield (%)	40.4	51.0
Book Value Yield (%)	53.1	28.0
Return on Assets (%)*	2.4	75.0
Revenue(Bil)*	11.1	87.0
Market Value (Bil)	27.5	90.0
Enterprise Value (Bil)	1.6	83.0
EV/MV Ratio	0.1	26.0
Volatility TTM (%)	25.2	51.0
Drawdown TTM (%)	16.0	31.0
Volume (Mil)	5.6	87.0

*30 Sep 2023

Business Description

Grupo Financiero Banorte SAB de CV is a Mexican financial services company. The company offers a wide variety of products and services including banking services, brokerage, wholesale banking, leasing, factoring, insurance, pensions, and retirement savings. It operates locally in Mexico.

Valuation ^Q as of 30 Nov 2023

Morningstar affirms a 3-star quantitative rating for Grupo Financiero Banorte. We calculate this outcome using the company's underlying model-driven valuation and uncertainty scores.

The stock's last closing price was 8.80, a discount of 5.35% to its Quantitative Fair Value estimate of 9.30. The stock has been trading between a 20.22% discount and 1.55% premium to its quantitative fair value over the past year. The stock's price to fair value ratio is at the 90th percentile in our global equity coverage universe for this methodology and at the 90th percentile relative to its peers in the financial services sector.

Grupo Financiero Banorte furthermore holds a High quantitative uncertainty rating. The company's quantitative star rating remains unchanged over the past year. The firm's uncertainty rating changed from Very High to High after 11/28/2023.

We examine the financials and market statistics for Grupo Financiero Banorte to determine these ratings. Its earnings yield is 11.27% and its trailing 12-month average volume (primary share) is 5,614,223 shares. These fall at the 86th and 89th percentiles in the equity universe and at the 69th and 87th in the financial services sector, respectively.

Economic Moat ^Q as of 29 Nov 2023

Quantitatively, we do not believe Grupo Financiero Banorte has an economic moat. Its moat score of

0.5 corresponds to the 46th percentile in the financial services sector. Furthermore, this rating last differed from its previous rating of Narrow on 08/28/2023, when the company's moat score fell from its maximum of 0.85 (score of 1 indicates greatest economic moat).

The company also maintains a quantitative financial health rating of Strong. Its score sits at the 95th percentile overall and the 75th percentile in the sector.

Examining the company's financials and market statistics, we find these ratings are principally driven by its book value yield and enterprise value-to-market value ratio. The book value yield is 54.43%, sitting at the 28th percentile in the financial services sector. The company's enterprise value-to-market value ratio is 0.06, corresponding to the 6th percentile in the equity coverage universe and the 26th percentile in the sector.

Fundamentals as of 29 Nov 2023

Grupo Financiero Banorte reports earnings per share of 18.11. The company maintains a dividend yield of 9.11%, paying out 80.69% of earnings. These values are calculated over a trailing 12-month period.


As of last market close, Grupo Financiero Banorte has a price-to-earnings ratio of 9.18, falling at the 44th percentile in its sector (where a lower percentile means a lower ratio) and ranging between 7.94 and 9.22 over the past year. The company's price-to-free cash flow ratio is 6.75, falling at the 47th percentile in its sector and ranging between 4.57 and 10.1 over the past year.

Contact

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Grupo Financiero Banorte SAB de CV Class O XNOR ★★★

Q 29 Nov 2023, 23:41 UTC

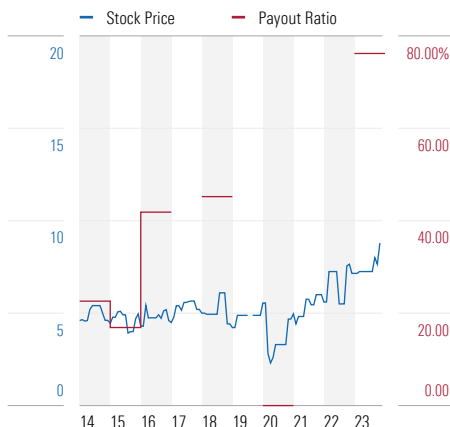
Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	 1 Nov 2023 05:00, UTC	7.92	24.3948 Bil	Large Core	Financial Services	Banks - Regional

Earnings as of 24 Nov 2023

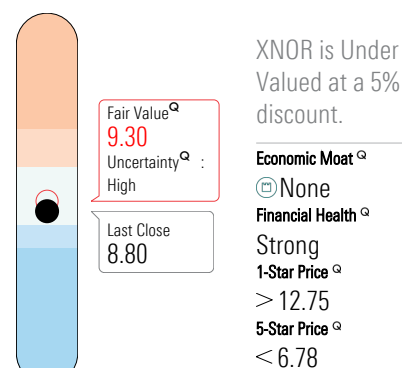
Earnings	%	Percentile in Sector
Dividend Yield*	9.1	90.0
Payout Ratio*	80.7	85.0
Price to Earnings	9.2	44.0
Price to Cash Flow	6.8	46.0
ROIC**	—	—

*31 Oct 2023
**30 Sep 2023

Dividends as of 29 Nov 2023



Valuation ^Q as of 29 Nov 2023



Economic Moat ^Q
None
Financial Health ^Q
Strong
1-Star Price ^Q
> 12.75
5-Star Price ^Q
< 6.78

Contact

<https://www.banorte.com>

Financials as of 29 Nov 2023 (Fiscal Year End 31 Dec 2023)

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	Fiscal
75	83	80	91	111	130	138	144	161	180	144	Revenue (Bil)
—	—	—	—	—	—	—	—	—	—	—	Operating Income
—	—	—	—	—	—	—	—	—	—	—	Operating Margin (%)
14	15	17	19	24	32	37	31	35	45	39	Net Income (Bil)
5.35	5.49	6.17	6.96	8.62	11.09	12.69	10.58	12.15	15.96	14.00	Diluted Earnings/Share
-8.18	13.85	39.65	-31.56	25.02	-4.54	6.96	54.71	11.13	76.61	40.16	Operating Cash Flow (Bil)
-3.94	-4.01	-3.91	-4.08	-4.78	-4.50	-4.58	-7.44	-4.52	-11.79	-6.66	Capital Spending (Bil)
-12.12	9.85	35.74	-35.64	20.24	-9.05	2.38	47.27	6.61	64.81	33.51	Free Cash Flow (Bil)
2,526	2,773	2,772	2,774	2,774	2,881	2,879	2,883	2,883	2,883	2,812	Avg Shares Outstand(Mil)

Valuation as of 29 Nov 2023

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Current	Calendar
0.93	0.93	0.98	0.95	1.04	0.76	1.00	0.84	0.92	0.83	0.95	Price/Fair Value ^Q
3.41	2.91	3.05	2.96	3.24	3.21	—	2.30	—	—	2.51	Price/Sales
16.36	15.85	16.22	14.63	15.09	13.03	—	9.84	—	—	9.23	Price/Earnings
35.28	16.50	11.17	—	107.29	14.99	—	5.60	—	5.90	5.62	Price/Cash Flow
2.13	1.92	1.95	1.96	2.38	1.68	—	1.54	1.73	1.78	1.91	Price/Book

Operating Performance as of 29 Nov 2023 (Fiscal Year End 31 Dec 2023)

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Q3	Fiscal (%)
1.4	1.45	1.49	1.57	1.82	2.15	2.28	1.81	1.93	2.32	0.59	Return on Assets
14.33	13.27	13.24	13.98	16.69	20.1	19.96	14.67	15.36	19.31	5.42	Return on Equity
—	—	—	—	—	—	—	—	—	—	—	Rtn on Invested Capital

Dividends as of 29 Nov 2023

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Current	Calendar (%)
1.14	0.83	1.01	2.61	5.28	3.45	5.54	—	5.81	11.89	0.70	Dividend Per Share
—	1.1	1.17	3.07	—	3.25	—	—	—	7.96	7.92	Trailing Dividend Yield
—	—	0.75	0.29	—	0.04	—	—	—	—	1.04	Buyback Yield

Appendix

Economic Moat [®]History as of 29 Nov 2023 (No Moat: 0.00-0.70, Narrow Moat: 0.70-0.99, Wide Moat: 0.99-1.00)

Year	January	February	March	April	May	June	July	August	September	October	November	December
2023	0.57	0.79	0.74	0.51	0.65	0.64	0.76	0.61	0.54	0.46	0.50	—
2022	0.31	0.25	0.33	0.25	0.17	0.38	0.20	0.24	0.55	0.54	0.59	0.58
2021	0.46	0.52	0.43	0.53	0.67	0.60	0.53	0.27	0.39	0.35	0.34	0.30
2020	0.70	0.62	0.40	0.32	0.48	0.33	0.38	0.25	0.49	0.65	0.65	0.59
2019	0.69	0.60	0.67	0.67	0.80	0.65	0.81	0.90	0.53	0.76	0.39	0.67
2018	0.84	0.87	0.94	0.88	0.94	0.94	0.94	0.92	0.79	0.69	0.62	0.72

Quantitative Equity Report Overview

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Quantitative Equity Ratings

Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

Narrow – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

Wide – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

None – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

★ – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5*Quantitative Uncertainty*

★★ – the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1*Quantitative Uncertainty, -0.5*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-1.5*Quantitative Uncertainty, -0.75*Quantitative Uncertainty)*

★★★ – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5*Quantitative Uncertainty, 0.5*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-0.75*Quantitative Uncertainty, 0.75*Quantitative Uncertainty)*

★★★★ – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5*Quantitative Uncertainty, 1*Quantitative*

Uncertainty)

*Micro-Caps: Log (Quant FVE/Price) between (0.75*Quantitative Uncertainty, 1.5*Quantitative Uncertainty)*

★★★★★ – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5*Quantitative Uncertainty*

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10%

Medium – the interquartile range for possible fair values is less than 15% but greater than 10%

High – the interquartile range for possible fair values is less than 35% but greater than 15%

Very High – the interquartile range for possible fair values is less than 80% but greater than 35%

Extreme – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak – assigned when Quantitative Financial Health < 0.2

Moderate – assigned when Quantitative Financial Health is between 0.2 and 0.7

Strong – assigned when Quantitative Financial Health > 0.7

Other Definitions

i. **Last Close** – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation** – Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

Undervalued – Last Price is below Morningstar's quantitative fair value estimate.

Fairly Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Fairly Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Overvalued – Last Price is above Morningstar's quantitative fair value estimate.

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Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score. Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

Based on their quantitative scores, companies are grouped into one of five Risk Categories (negligible, low, medium, high, severe). These risk categories are absolute, meaning that a 'high risk' assessment reflects a comparable degree

of unmanaged ESG risk across all subindustries covered.

The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit sustainalytics.com/esg-ratings/

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