

Economic and Financial Markets ResearchOuantitative Research

Fed's monetary policy: We expect two 25 bps cuts in the last quarter of 2025

- The FOMC decided to maintain the federal funds rate in a target range of 4.25% to 4.50%
- Our model suggests that the terminal rate of the Fed's easing cycle (upper range) could stand at 2% to 3% over the next 2 to 3 years
- We expect two 25 bps cuts on the federal funds rate in October and December

Fed's topics classification using NLP and ML techniques. In July 2022 we published a research note where we described a model using natural language processing (NLP) techniques that classify and interpret FOMC statements. In addition, it also provides a methodology to confirm whether the communication made by the Central Bank is consistent with the monetary policy implemented (refer to: Welcome to the Machine (Learning): An NLP framework for analyzing the Fed's monetary policy statements).

The relationship between the Fed funds rate and the semantic classification obtained was also analyzed. In this regard, the most important finding in our research note was the degree of strength in the correlation between the Fed funds rate and the semantic classification obtained, given that the latter can explain 9 out of 10 rate movements. The model also defines the range of variation of the terminal reference rate (refer to Chart 1).

Powell's rhetoric was slightly less hawkish. The Committee decided to maintain the federal funds rate in a target range of 4.25% to 4.50%. The classification model assigned a moderate restrictive tone to Powell's press conference speech. We highlight that our model suggests that Powell's hawkish tone decreased compared to the previous decision. Nevertheless, Powell mentioned that the committee is still not comfortable discussing rate cuts.

The model continues to rank the semantics of the statement with the central topic alluding to the tightening monetary cycle of 2023 (Topic 8 in Chart 2). We highlight that this topic has been the dominant one since the Fed began implementing its restrictive policy in 2022. In this context, the same topic can give us an estimate of the terminal rate for the current Fed's easing cycle. Taking the 1st quartile for the monetary policy rates included within this topic, we forecast that the upper bound for the terminal rate will stand at 2% to 3% (refer to Chart 2). This projection does not suggest that the Fed will reach this level in 2025; rather, the model indicates that the terminal could materialize over the next 2 to 3 years, depending on macroeconomic conditions.

We expect two 25 bps cuts during the last quarter of 2025. During today's press conference, Chair Powell highlighted that: "...We believe that the current stance of monetary policy leaves us well positioned to respond in a timely way to potential economic developments." However, Powell also mentioned that the labor market remains solid, alluding to the current unemployment rate as the main key indicator that, in tandem with the moderation in payroll jobs, "...puts the labor market in balance." The FOMC will determine the appropriate stance and will act cautiously in recalibrating its monetary policy due to the uncertainty generated by the potential tariffs in the economic outlook, immigration and regulatory policies. In this regard, and considering Powell's slightly less hawkish rhetoric, we estimate two 25 bps cuts in October and December.

July 30, 2025



Alejandro Padilla Santana Chief Economist and Head of Research alejandro.padilla@banorte.com



Alejandro Cervantes Llamas Executive Director of Quantitative Research Alejandro.cervantes@banorte.com



José Luis García Casales Director of Quantitative Research jose.garcia.casales@banorte.com



Daniel Sebastián Sosa Aguilar Senior Analyst, Quantitative Research daniel.sosa@banorte.com



Document for distribution among the general public



Chart 1: Banorte's Fed Topic Index vs fed funds rate (upper range)

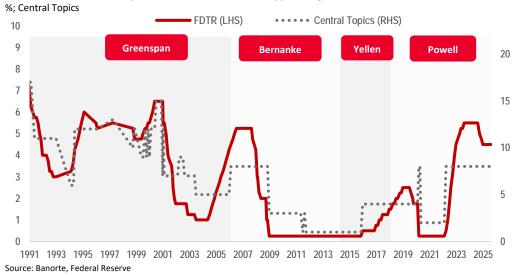
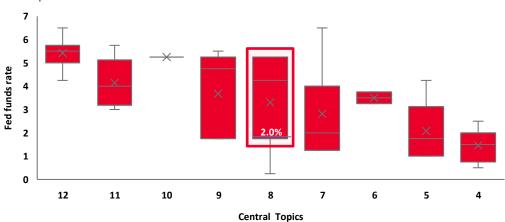


Chart 2: Range of fed funds rate by Topic





Source: Banorte



Analyst Certification.

We, Alejandro Padilla Santana, Juan Carlos Alderete Macal, Alejandro Cervantes Llamas, Marissa Garza Ostos, Katia Celina Goya Ostos, Francisco José Flores Serrano, José Luis García Casales, Santiago Leal Singer, Víctor Hugo Cortes Castro, Leslie Thalía Orozco Vélez, Hugo Armando Gómez Solís, Carlos Hernández García, Yazmín Selene Pérez Enríquez, Cintia Gisela Nava Roa, José De Jesús Ramírez Martínez, Daniel Sebastián Sosa Aguilar, Gerardo Daniel Valle Trujillo, Luis Leopoldo López Salinas, Marcos Saúl García Hernandez, Juan Carlos Mercado Garduño, Ana Gabriela Martínez Mosqueda, Jazmin Daniela Cuautencos Mora, Andrea Muñoz Sánchez and Paula Lozoya Valadez, certify that the points of view expressed in this document are a faithful reflection of our personal opinion on the company (s) or firm (s) within this report, along with its affiliates and/or securities issued. Moreover, we also state that we have not received, nor receive, or will receive compensation other than that of Grupo Financiero Banorte S.A.B. of C.V for the provision of our services.

Relevant statements.

In accordance with current laws and internal procedures manuals, analysts are allowed to hold long or short positions in shares or securities issued by companies that are listed on the Mexican Stock Exchange and may be the subject of this report; nonetheless, equity analysts have to adhere to certain rules that regulate their participation in the market in order to prevent, among other things, the use of private information for their benefit and to avoid conflicts of interest. Analysts shall refrain from investing and holding transactions with securities or derivative instruments directly or through an intermediary person, with Securities subject to research reports, from 30 calendar days prior to the issuance date of the report in question, and up to 10 calendar days after its distribution date.

Compensation of Analysts.

Analysts' compensation is based on activities and services that are aimed at benefiting the investment clients of Casa de Bolsa Banorte and its subsidiaries. Such compensation is determined based on the general profitability of the Brokerage House and the Financial Group and on the individual performance of each analyst. However, investors should note that analysts do not receive direct payment or compensation for any specific transaction in investment banking or in other business areas.

Last-twelve-month activities of the business areas.

Grupo Financiero Banorte S.A.B. de C.V., through its business areas, provides services that include, among others, those corresponding to investment banking and corporate banking, to a large number of companies in Mexico and abroad. It may have provided, is providing or, in the future, will provide a service such as those mentioned to the companies or firms that are the subject of this report. Casa de Bolsa Banorte or its affiliates receive compensation from such corporations in consideration of the aforementioned services.

Over the course of the last twelve months, Grupo Financiero Banorte S.A.B. C.V., has not obtained compensation for services rendered by the investment bank or by any of its other business areas of the following companies or their subsidiaries, some of which could be analyzed within this report.

Activities of the business areas during the next three months.

Casa de Bolsa Banorte, Grupo Financiero Banorte or its subsidiaries expect to receive or intend to obtain revenue from the services provided by investment banking or any other of its business areas, by issuers or their subsidiaries, some of which could be analyzed in this report.

Securities holdings and other disclosures.

As of the end of last quarter, Grupo Financiero Banorte S.A.B. of C.V. has not held investments, directly or indirectly, in securities or derivative financial instruments, whose underlying securities are the subject of recommendations, representing 1% or more of its investment portfolio of outstanding securities or 1 % of the issuance or underlying of the securities issued.

None of the members of the Board of Grupo Financiero Banorte and Casa de Bolsa Banorte, along general managers and executives of an immediately below level, have any charges in the issuers that may be analyzed in this document.

The Analysts of Grupo Financiero Banorte S.A.B. of C.V. do not maintain direct investments or through an intermediary person, in the securities or derivative instruments object of this analysis report.

Guide for investment recommendations.

| | Reference |
|------|---|
| BUY | When the share expected performance is greater than the MEXBOL estimated performance. |
| HOLD | When the share expected performance is similar to the MEXBOL estimated performance. |
| SELL | When the share expected performance is lower than the MEXBOL estimated performance. |

Even though this document offers a general criterion of investment, we urge readers to seek advice from their own Consultants or Financial Advisors, in order to consider whether any of the values mentioned in this report are in line with their investment goals, risk and financial position.

Determination of Taraet Prices

For the calculation of estimated target prices for securities, analysts use a combination of methodologies generally accepted among financial analysts, including, but not limited to, multiples analysis, discounted cash flows, sum-of-the-parts or any other method that could be applicable in each specific case according to the current regulation. No guarantee can be given that the target prices calculated for the securities will be achieved by the analysts of Grupo Financiero Banorte S.A.B. C.V, since this depends on a large number of various endogenous and exogenous factors that affect the performance of the issuing company, the environment in which it performs, along with the influence of trends of the stock market, in which it is listed. Moreover, the investor must consider that the price of the securities or instruments can fluctuate against their interest and cause the partial and even total loss of the invested capital.

The information contained hereby has been obtained from sources that we consider to be reliable, but we make no representation as to its accuracy or completeness. The information, estimations and recommendations included in this document are valid as of the issue date, but are subject to modifications and changes without prior notice; Grupo Financiero Banorte S.A.B. of C.V. does not commit to communicate the changes and also to keep the content of this document updated. Grupo Financiero Banorte S.A.B. of C.V. takes no responsibility for any loss arising from the use of this report or its content. This document may not be photocopied, quoted, disclosed, used, or reproduced in whole or in part without prior written authorization from Grupo Financiero Banorte S.A.B. of C.V.







Raquel Vázquez Godinez Assistant raquel.vazquez@banorte.com (55) 1670 – 2967



María Fernanda Vargas Santoyo Analyst maria.vargas.santoyo@banorte.com (55) 1103 - 4000 x 2586





Juan Carlos Alderete Macal, CFA
Executive Director of Economic Research and
Market Strategy
juan.alderete.macal@banorte.com
(55) 1103 - 4046



Yazmín Selene Pérez Enríquez Senior Economist, Mexico yazmin.perez.enriquez@banorte.com (55) 5268 - 1694





Santiago Leal Singer Director of Market Strategy santiago.leal@banorte.com (55) 1670 - 1751



Carlos Hernández García Senior Strategist, Equity carlos.hernandez.garcia@banorte.com (55) 1670 – 2250



Marcos Saúl García Hernandez Analyst, Fixed Income, FX and Commodities marcos.garcia.hernandez@banorte.com (55) 1670 - 2296



Ana Gabriela Martínez Mosqueda Strategist, Equity ana.martinez.mosqueda@banorte.com (55) 5261 - 4882

Quantitative Analysis



Alejandro Cervantes Llamas Executive Director of Quantitative Analysis alejandro.cervantes@banorte.com (55) 1670 - 2972



Daniel Sebastián Sosa Aguilar Senior Analyst, Quantitative Analysis daniel.sosa@banorte.com (55) 1103 - 4000 x 2124



Alejandro Padilla Santana Chief Economist and Head of Research alejandro.padilla@banorte.com (55) 1103 - 4043



Itzel Martínez Rojas Analyst itzel.martinez.rojas@banorte.com (55) 1670 - 2251



Lourdes Calvo Fernández Analyst (Edition) lourdes.calvo@banorte.com (55) 1103 - 4000 x 2611



Francisco José Flores Serrano
Director of Economic Research, Mexico
francisco.flores.serrano@banorte.com
(55) 1670 - 2957



Cintia Gisela Nava Roa Senior Economist, Mexico cintia.nava.roa@banorte.com (55) 1105 - 1438



Marissa Garza Ostos Director of Equity Strategy marissa.garza@banorte.com (55) 1670 - 1719



Hugo Armando Gómez Solís Senior Strategist, Equity hugoa.gomez@banorte.com (55) 1670 - 2247



Gerardo Daniel Valle Trujillo Senior Analyst, Corporate Debt gerardo.valle.trujillo@banorte.com (55) 1670 - 2248



Paula Lozoya Valadez Analyst, Equity paula.lozoya.valadez@banorte.com (55) 1103 - 4000 x 2060



José Luis García Casales Director of Quantitative Analysis jose.garcia.casales@banorte.com (55) 8510 - 4608



Jazmin Daniela Cuautencos Mora Strategist, Quantitative Analysis jazmin.cuautencos.mora@banorte.com (55) 1670 - 2904



Katia Celina Goya Ostos Director of Economic Research, Global katia.goya@banorte.com (55) 1670 - 1821



Luis Leopoldo López Salinas Economist, Global luis.lopez.salinas@banorte.com (55) 1103 - 4000 x 2707



Víctor Hugo Cortes Castro Senior Strategist, Technical victorh.cortes@banorte.com (55) 1670 - 1800



Leslie Thalía Orozco Vélez Senior Strategist, Fixed Income and FX leslie.orozco.velez@banorte.com (55) 5268 - 1698



Juan Carlos Mercado Garduño Strategist, Equity juan.mercado.garduno@banorte.com (55) 1103 - 4000 x 1746



José De Jesús Ramírez Martínez Senior Analyst, Quantitative Analysis jose.ramírez.martinez@banorte.com (55) 1103 - 4000



Andrea Muñoz Sánchez Strategist, Quantitative Analysis andrea.muñoz.sanchez@banorte.com (55) 1105 - 1430