Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria Notes to the Consolidated Financial Statements (Mexican pesos in millions, except when otherwise indicated)

#### COMPREHENSIVE RISK MANAGEMENT

The function of identifying, measuring, monitoring, controlling and reporting the different types of risk to which Banca Afirme is exposed, is in charge of the Comprehensive Risk Management Unit (UAIR), which reports to the Risk Policies Committee, an entity instituted by the Banca Afirme Board of Directors in order to monitor the comprehensive risk management process.

The Risk Policies Committee establishes risk policies and strategies, monitors them and monitors their compliance.

The key UAIR objectives are the following:

- Standardize risk measurement and control.
- Protect the capital of the institution against unexpected losses due to market movements, credit defaults, liquidity of resources and operational, legal and technological risks.
- Develop valuation models for the different types of risks.
- Carry out diagnoses based on Comprehensive Risk Management, availability and quality of risk information.

Banca Afirme has methodologies for risk management in its different phases, such as credit, legal, liquidity, market and operational. Risk evaluation and management has been divided into the following areas:

- I. Quantifiable risks are those for which it is possible to form statistical bases that allow measuring potential losses, and within these are the following:
- 1. Discretionary risks are those resulting from taking a risk position, such as:
  - a) Market risk
  - b) Credit risk
  - c) Liquidity risk
- 2. Non-discretionary risks are those resulting from the operation of the business, but which are not the result of taking a risk position.
  - a) Operational risk including:
    - Technological risk
    - Legal risk
- II. Non-quantifiable risks, which are those derived from unforeseen events for which a statistical base cannot be established to measure potential losses.

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In order to identify, measure, monitor, limit, control and disclose the different types of risks that it faces in its daily activities, Banca Afirme in its daily processes in terms of Risk Management adheres to the "General provisions applicable to credit institutions "published in the Official Gazette of the Federation on December 2, 2005. Banca Afirme considers the modifications to said Provisions that are modified through Resolutions published in the aforementioned Official Gazette.

The updating and improvement of the policies and procedures for risk management has been a continuous process, in accordance with the established objectives and with the participation of all the areas involved, continuously maintaining the dissemination of the Risk Manual and its continuous updating, to through the Banca Afirme Intranet Network.

#### Market risk

Market Risk is defined as the volatility of income due to changes in the market, which affect the valuation of positions for active, passive or contingent liability operations, such as: interest rates, exchange rates, price indices, among others.

To measure market risk, Banca Afirme applies the non-parametric historical simulation methodology to calculate the Value at Risk (VaR), considering a confidence level of 97.5%, a time horizon of 1 day and a history of 260 days.

The meaning of the VaR, under this method, is the potential overnight loss that could be generated in the valuation of the portfolios on a certain date, under the assumption that the 259 immediate historical scenarios are repeated in the future, these scenarios are arranged from greater loss to greater profit and the VaR is determined based on the confidence level of 97.5%.

This methodology is applied to all the portfolios that Banca Afirme has identified as Business Units and that are exposed to variations in risk factors that directly affect their valuation (domestic interest rates, surcharges, foreign interest rates, rates exchange, among others).

By the second quarter of 2023, the "Money Desk" portfolio holds a position of 138,433 million pesos.

In order to show the behavior of VaR during Q2 2023, the values at the end of the second quarter of 2023 are presented, as well as the comparison with the previous quarter, for each business unit of the portfolios shown.

Trading Business Unit	Go		
Trading Business Onit	March 31, 2023	June 30, 2023	
Money table	(3.40)	(16.27)	
Treasury	(5.14)	(4.60)	
Global	(3.99)	(16.77)	

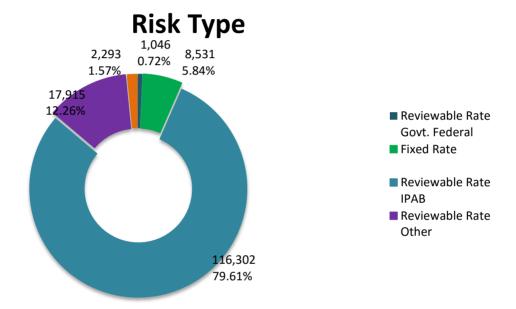
Business Unit	Go
Held-to-maturity	June 30, 2023
Treasury	(2.00)
Global	(2.00)

The following graph shows the composition of the Total portfolio for Banca Afirme at the end of Q2 2023 according to the Risk Type:

rearranting to the relation report		
	Risk Type	Amount *

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Reviewable Rate Govt. Rate	1,046
Actual Rate	2,293
Reviewable Rate IPAB	116,302
Reviewable Rate Other	17,915
Exchange rate	-
Fixed rate	8,531
Total	146,088



Note: \*Within the portfolio composition as of the end of Q2 2023, 1,046 MDP from the issuance of XR\_BREMSR\_251023 are considered, which is a Reportable Monetary Regulation Bond from the Bank of Mexico, aimed at regulating liquidity in the money market.

The average global VaR during the second quarter of 2023 was 10.27, which corresponds to 0.10% of the net capital. The following is the average Value at Risk for the corresponding quarter for the different business units.

Trading Business Unit	Average VaR Apr 2023 - Jun 2023
Money table	(9.42)
Treasury	(4.66)
Global	(10.27)

Business Unit Average VaR Held-to-maturity Apr 2023 - Jun 2023

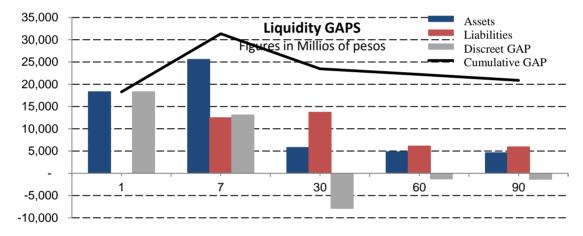
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Money table	-
Treasury	(2.61)
Global	(2.61)

#### Liquidity risk

Liquidity Risk is defined as the potential loss due to the impossibility of renewing liabilities or contracting others under normal conditions for Banca Afirme due to the premature or forced sale of assets at unusual discounts to meet its obligations. To measure the liquidity risk, the Liquidity Coverage Ratio (CCL) and the liquidity bands are determined, considering the nature of the assets and liabilities on the balance sheet over a period of time.

The cumulative band at 60 days from Banca Afirme was \$22,215 million pesos at the close of the second quarter of 2023, a level that respected the established limit. The bands for term up to 90 days would be the following:



On a daily basis, the Liquidity Coverage Coefficient (CCL) is monitored, since the Supervisory Authority imposes a minimum to promote the short-term resistance of the liquidity risk profile, guaranteeing that the Institution has sufficient high-quality liquid assets to overcome a significant stress scenario over a 30-day period.

As of June 30, 2023, the Liquidity Coverage Ratio is 187%. In order to show the behavior of the CCL, the values at the end of Q2 2022 compared to the previous quarter are presented below.

CCL evolution	March 2023	June 2022
Computable Liquid Assets (Weighted)	29,617	40,103
Net Exits at 30 days	16,978	21,503
CCL	174%	187%

The evolution of Computable Liquid Assets compared to the immediately preceding quarter is shown below:

Computable Liquid Assets Evolution (Unweighted)	March 2023	June 2023
Liquid Assets Level 1	29,181	39,327

## Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria

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Liquid Assets Level 2	513	912
Total Liquid Assets	29,617	40,103

As of June 30, 2023, the Net Stable Funding Ratio is 158.78%.

Net Stable Funding Ratio	March 2023	June 2023 *
Amount of Stable Financing Required	62,898	57,960
Amount of Stable Financing Available	79,998	93,009
CFEN	127%	159%

<sup>\*</sup> Information before replicas from Banxico.

For its part, the market VaR adjusted for liquidity, which is interpreted as the loss that the bank would incur due to the time it would take to liquidate the position of the securities in the market, for this the VaR adjusted for liquidity is estimated as the product of the daily market VaR times the square root of 10.

In order to demonstrate the behavior of the liquidity-adjusted VaR, the closing values for Q2 2023 are presented below, compared to the previous quarter.

Trading Business Unit	Liquidity-adjusted VaR	
Trading Business Offic	March 31, 2023	June 30, 2023
Money table	(10.76)	(51.44)
Treasury	(16.25)	(14.55)
Global	(12.62)	(53.03)

The following shows the average liquidity-adjusted Value at Risk of the monthly closings of the corresponding quarter of the different business units.

Trading Business Unit	VaR adjusted for average liquidity	
	apr 2023 - jun 2023	
Money table	(29.79)	
Treasury	(14.72)	
Global	(32.48)	

In general, the financing needs of the Institution's loan portfolio are covered by traditional fund-raising, however, other liquidity elements are maintained if required as credit lines and the ability to issue bank paper in the market, not encountering legal, regulatory or operational limitations.

Traditional Catchment June 30, 2023				
Immediate enforceability deposits	43,294			
Fixed term deposits	45,449			

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Credit Securities Issued	-
Capture without movements	114
Total	88,857

It is important to mention that the financial desks use a financing strategy via repurchase of direct positions, except for those securities that remain in order to maintain an adequate level of liquid assets.

Liquidity risk management is executed in the Treasury and Risk Management areas.

The Treasury area performs daily monitoring of current and future liquidity requirements, taking the necessary steps to ensure that the necessary resources are available. On the other hand, the Risk Management area performs liquidity risk analysis by analyzing liquidity gaps and repricing, as well as the effects on the structural balance of possible adverse scenarios. Both areas have a constant coordination.

To monitor the various risks to which the Institution is exposed, in particular liquidity risk, it has an organizational structure the following decision-making areas and bodies participate in:

- The Treasury area as the one in charge of managing resources.
- The Risk Management area as the area in charge of monitoring and reporting to the Risk Policy Committee on liquidity risk measurements and stress tests, as well as reporting to the Board of Directors on compliance with the established limits by said Council.
- The Assets and Liabilities Committee is in charge of monitoring the balance sheet and proposing balance management strategies, as well as authorizing hedging strategies.
- The Risk Policies Committee is in charge of approving risk measurement methodologies, stress test scenarios, risk monitoring and, where appropriate, establishing courses of action.
- The Board of Directors establishes the maximum tolerance to the risks to which the Institution is exposed, as well as authorizing contingency action plans in case of requiring liquidity.

As mentioned before, the Treasury and Risks areas generate reports that are distributed and presented to the Committees in charge of liquidity risk management, such as cash flow gaps, repricing gaps, stress test analysis and uptake compared to portfolio structure.

The bank's liquidity strategy is based mainly on two main objectives, the first is to maintain an amount of liquid assets that is significantly higher than the bank's liquidity needs and; the second is to extend the term of its collection. With the foregoing, all its clients and counterparties are guaranteed compliance with the commitments assumed by the bank.

The bank's centralized financing strategy is based on traditional deposits through the commercial network. With this strategy, fund-raising generates greater diversification and stability. The bank has significant incentives to generate higher deposits, particularly in terms of term. Our network has been increased to be able to penetrate with new clients in different geographical areas, deconcentrating our clients. In addition to the above, there are sources of financing in the formal market, as they have ample credit lines.

The monitoring of the different indicators mitigates the liquidity risk since these indicators induce the diversification of the deposits, to extend the term of the same, increase the liquid assets and punish the concentration both in term and in clients and the reduction of the liquid assets.

Stress tests consist of applying scenarios where there are situations that could be adverse for the Institution and thus being able to verify the Institution's capacity to face the realization of said scenarios. In the particular case of liquidity risk, scenarios are made based on variables characteristic of financial crises that affect the liquidity of banks in general. This evidence is presented to the Risk Policy Committee on a monthly basis for

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analysis. The variables used to build adverse scenarios are overdue portfolio, interest rates and sources of financing, mainly.

In accordance with the regulations applicable to credit institutions, the Institution has liquidity contingency plans in case situations arise that could affect the Institution. These plans contain the functions of the personnel who would participate in the necessary actions, the authorization levels and the required information flow. The aforementioned actions are specifically identified and designed to generate liquidity, considering the Bank's structure for this purpose and are divided according to the severity of possible scenarios.

#### Credit risk

Credit Risk is defined as a potential loss in credit due to non-payment of a borrower or counterparty.

Therefore, since Credit Risk is the risk that clients do not comply with their payment obligations, its correct administration is essential to maintain a quality credit portfolio.

The objectives of Credit Risk Management at Banca Afirme are:

- Calculate credit risk exposure over time, considering and evaluating the concentration of exposures by risk ratings, geographic regions, economic activities, currencies and type of product.
- Create diversification strategies for the credit portfolio, defining limits for it.
- Implementation of a global credit risk management supervising all operations and aspects related to credit risk.

The methodology used by the Bank to determine the expected and unexpected losses of the loan portfolio is based on the *Enhanced Credit Risk* + model (a variant of the original *Credit Risk* + from Credit Suisse). This model generates calculations taking into account the diversification of the portfolio by sectors, as well as the risk considering the correlation of the sectors in which it has participation, that is, the risk taking into account the client's participation within different sectors.

For the probability of default of the loan portfolio, the criteria are applied in accordance with the general rating methodology established in the provisions issued by the National Banking and Securities Commission. For this calculation, only the Banca Afirme portfolio is considered (without subsidiaries/affiliates).

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The result of our Exposition, Expected Loss with *Recover* (Recovery Factor) and Credit VaR with *Recover* at the end of 2Q 2023 is as follows:

#### VaR as of June 30, 2023

Portfolio	Exposition	Expected Loss (Without Recover)	Recover	Expected Loss (With Recover)	VaR @ 99% (With Recover)
Commercial	35,504	2,633	64%	939	2,183
Mortgage	12,158	1,225	94%	76	99
Personal Loans	4,477	640	23%	494	554
Credit card	1,293	217	26%	160	173
Self-term	4,490	210	42%	121	144
Total	57,921	4,925		1,791	3,152

<sup>\*</sup> VaR @ 99% [Credit Risk + Methodology]

As can be seen, the VaR stood at \$3,152 million, which represented a consumption of 105.1% of the limit authorized by \$3,000 million. It should be noted that any excess is notified to the Council through the Institution's collegiate bodies where it is determined whether the excess is acceptable or not.

The following shows the composition of Banca Afirme portfolio as of June 30, 2023, according to the credit quality of the various counterparts:

# Exposure by Credit Quality (Emissions and derivatives)

Instrument	Sovereign Risk	Development Banking Risk	Non-Sovereign Risk
Fixed rate	225	ı	8,307
Reviewable Rate Govt. Federal	1,046	-	-
Revisable Rate IPAB	116,302	-	-
Actual Rate	2,027	266	-
Revisable Rate Other	-	15,828	2,087
Total	119,600	16,095	10,394

Note: Within the portfolio composition at the close of 2Q 2023, 1,046 MDP from the issue XR\_BREMSR\_251023 is considered, which is a Reportable Monetary Regulation Bond from the Bank of Mexico, intended to regulate liquidity in the money market.

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Non-Sovereign Risk Issuance Rating					
Ra	Market				
Fitch	Value				
AAA (mex)	mxAAA	AAA.mx	8		
F1+ (mex)	mxA-1+	ML A-1+	24		
	Total		32		

Note: Development Bank issues are not considered within the exposure by rating.

Like the loan portfolio, the VaR and the expected loss are calculated both for financial instruments in the debt market and for derivative operations. For this purpose, default curves and recovery factors published by the rating agencies are used and are the risk factors that are applied to the *CreditRisk* + model referred to above.

#### Interest rate risk

The Bank's balance sheet is exposed to interest rate movements that affect the relationship of interest charged and interest paid. To measure this effect, the methodology based on the repricing of assets, liabilities and derivatives that are in the Institution's balance sheet under the "Earnings at Risk" approach is used, in this methodology the effect of an increase in rates is calculated of interest in the positions, assuming that this effect affects them in the period of time between their repricing date and 1 year. Therefore, all assets and liabilities are grouped into bands in the repricing gap and a movement in interest rates is simulated. It is assumed that there is a parallel movement in interest rates and there is no base or reference curve risk. Liabilities that do not have a specific expiration date are considered differently depending on whether they have a cost or not. If the liabilities have a cost, they are included in band 1 (1 day) of the repricing gap, while if they have no cost, they are in a band greater than 1 year.

In this regard, and implementing the aforementioned methodology, at the close of June 2023, a sensitivity analysis suggests that an increase of 50 basis points in the interest rate (TIIE) would generate a gain of 17.4 million pesos, if symmetry is assumed, a reduction of 50 basis points would have the opposite effect.

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#### **Non-Discretionary Risk Management**

The Institution has implemented a procedure for the daily report of operational incidents that are registered in a database. Each incident is evaluated at the operating unit level where its owners are responsible for its processes and risk mitigation mechanisms. Any incident that originates an accounting loss constitutes an operational risk event that is recorded in said database, which is controlled by the Comprehensive Risk Management Unit.

Each incident or event of operational risk is classified according to its origin and particular characteristics, each effect is identified against previously established risk factors. Next, a probability of occurrence and a level of economic impact are assigned that is scaled to the type of impact and its importance based on internal statistics that allows generating a risk indicator.

This procedure is an aid in determining the level of risk tolerance. However, the Risk Policies Committee is the body that proposes to the Board the level of tolerance by type of risk for the entire financial year. This tolerance level is segregated by type of non-discretionary risk, that is, there is a tolerance level for operational risk, one for legal risk and another for technological risk, highlighting that image risk, also known as risk Reputational risk is considered an integral element of operational risk. The tolerance level is periodically monitored against events that have led to an accounting loss and are dealt with in the Risk Policies Committee.

The following table shows a summary of the authorized tolerance level and the amount of risk effectively materialized as of June 30, 2023.

#### **Tolerance Level Table**

Total Authorized Level	Real
In millions	In millions
\$65.0	\$12.6

The monthly average amount of the last twelve months amounts to \$ 2.3 million pesos and incorporates the three types of non-discretionary risk mentioned above.

In order to estimate the losses that the materialization of non-discretionary risks would generate on the business, the institution currently has a VaR model established that is based on the probability of occurrence and degree of impact of historically observed risk events. This VaR is treated monthly in the Risk Policies Committee and is based on statistics collected in a database managed by the Risk Management Unit.

Operating ("VaR" for its acronym in Spanish) Chart

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Figures in Millions of Pesos

The Operational Risk VaR has been estimated at \$23.5 million at a confidence level of 99.9% at the close of 2Q2023. In accordance with the realized material risk events, the actual losses amounted to \$12.6 million pesos and represent 19.3% of the level authorized by the Council.

#### **Non-Quantifiable Risk Management**

Non-quantifiable risks are those that originate from fortuitous events over which the institution has no control, such as hurricanes, earthquakes, floods and other incidents classified as acts of God or force majeure.

At the close of Q2 2023, no incidents of this nature were reported, so the business operations of the Institution continued as usual. However, it is important to highlight that the institution has coverages for non-quantifiable risks through insurance policies that are reviewed annually and has established a contingency plan called "Disaster Recovery Plan" that helps mitigate the effects of a force majeure event.

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#### Main indicators of assets at risk

Based on the Law of Credit Institutions, Banxico requires credit institutions to have a minimum percentage of capitalization over assets at risk. The required capitalization percentage is 10.5 percent.

As of June 30, 2023, the Institution successfully fulfilled this requirement. Next, the assets at risk and capitalization index are presented.

	2Q 2023*	1Q 2023	Variation%
Assets at Credit Risk	47,842.6	47,003.4	1.79%
Assets at Market Risk	10,643.4	6,588.5	61.55%
Assets at Operational Risk	7,999.8	7,730.5	3.48%
Total Assets at Risk	66,485.8	61,322.4	8.42%
Basic Capital	7,666.4	7,240.5	5.88%
Complementary Capital	2,557.0	2,533.8	0.92%
Net Capital	10,223.4	9,774.3	4.59%
Capitalization Index	15.4%	15.9%	-3.53%

<sup>\*</sup> Information before replicas from Banxico.

#### **Portfolio Rating:**

The Bank carries out its portfolio qualification process applying the Methodology established in Chapter V "Credit Portfolio Qualification" of the Provisions issued by the Commission.

In accordance with the Provisions, the Bank uses, for the purposes of rating the commercial portfolio, information related to the quarters ending in the months of March, June, September and December and records preventive reserves in the accounting at the end of each quarter. corresponding, considering the balance of the debt registered on the last day of the aforementioned months.

For the two months after the close of each quarter, the rating corresponding to the credit in question that has been used at the close of the quarter immediately prior to the balance of the debt recorded on the last day of the aforementioned months may be applied. However, when they have an intermediate rating after the end of said quarter, the latter may be applied to the aforementioned balance.

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To comply with article 138 of the Sole Circular, the consumer, housing and commercial loan portfolio is presented below by degree of risk A-1, A-2, B-1, B-2, B-3, C-1, C-2, D and E:

Risk level	June	2023	March	2023
NISK IEVEI	Portfolio	Reserves	Portfolio	Reserves
A-1	43,681	213	41,251	198
A-2	5,018	74	5,135	73
B-1	2,510	63	2,608	62
B-2	1,216	42	1,575	50
B-3	780	35	936	40
C-1	2,141	182	1,821	159
C-2	1,058	116	1,090	119
D	2,148	699	2,149	715
E	1,390	886	1,744	1,202
Except	0	0	0	0
Total	59,942	2,310	58,309	2,618

Amounts in millions of pesos

According to article 129 of the Unique Circular, as of December 31, 2013, the classification of preventive reserves of the loan portfolio is as follows:

PERCENTAGE OF PREVENTIVE RESERVES							
			CONSUMER PORTFOLI				
RISK GRADES	PORTFOLIO	HOUSING PORTFOLIO	Non- Revolving Consumption	Revolving Consumption			
A-1	0 to 0.9	0 to 0.50	0 to 2.0	0 to 3.0			
A-2	0.901 to 1.5	0.501 to 0.75	2.01 to 3.0	3.01 to 5.0			
B-1	1,501 to 2.0	0.751 to 1.0	3.01 to 4.0	5.01 to 6.5			
B-2	2.001 to 2.50	1,001 to 1,50	4.01 to 5.0	6.51 to 8.0			
B-3	2,501 to 5.0	1,501 to 2.0	5.01 to 6.0	8.01 to 10.0			
C-1	5.001 to 10.0	2001 to 5.0	6.01 to 8.0	10.01 to 15.0			
C-2	10.001 to 15.5	5.001 to 10.0	8.01 to 15.0	15.01 to 35.0			
D	15.501 to 45.0	10.001 to 40.0	15.01 to 35.0	35.01 to 75.0			
E	Greater than 45.0	40.001 to 100.0	35.01 to 100.0	Greater than 75.01			

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As of January 2022, the NIF C16 standard (IFRS 9) came into force for the calculation of preventive reserves for credit risks according to the Provisions, classifying the credit portfolio into risk stages and calculating the preventive reserves under the expected losses model and full-life reserves according to the following:

- Current portfolio risk stage 1 and risk stage 2 Reserve expected loss
  - Reservas Etapa 1 o  $3_i = PI_i^X \times SP_i^X \times EI_i^X$
- Overdue portfolio risk stage 3 takes the maximum value between the expected loss Reserve and full life reserve
  - Reservas Etapa  $2_i = Max(Reservas Vida Completa_i, PI_i^X \times SP_i^X \times EI_i^X)$

#### **Commercial portfolio**

As of December 2013, the Institution is rating the business portfolio and the portfolio in charge of federal government entities and decentralized federal, state and municipal agencies with the methodology established by the C.N.B.V. which was published in the DOF of June 24, 2013 and applying the modifications of the new methodology for rating the commercial portfolio and calculating the preventive reserves published on March 13, 2020.

With the new rating methodology, reserves are determined considering the probability of default, the severity of the loss and the exposure to default, in accordance with the provisions of the Sole Banking Circular and analyzing the quantitative and qualitative factors applying the following rating Annexes:

#### **Portfolio to Companies:**

Annex 21.- Rating model for the portfolio in charge of legal entities and individuals with business activity with net sales or annual net income less than 14 million Udis, which considers exclusively quantitative factors, analyzing the following risk factors: payment experience according to information from the credit information society, payment experience with the credit institution, credit risk, credit risk, etc.

Annex 22.- Model to qualify the portfolio in charge of legal entities and individuals with business activity with net sales or annual net income greater than 14 million Udis, analyzing the following risk factors as appropriate:
a) Quantitative factors: payment experience, according to information from the credit information society, payment experience with the Institution and financial risk, b) Qualitative Factors: country and industry risk, customer dependence, transparency and standards, organizational and shareholder structure.

#### **Portfolio to Financial Institutions:**

A as of March 2014, the Institution is rating the portfolio in charge of financial entities with the new methodology established by the C.N.B.V. which was published in the DOF of June 24, 2013 and applying the modifications to the qualification methodology published on March 13, 2020:

Annex 20.- Model to qualify the portfolio in charge of financial institutions, analyzing the following risk factors as appropriate: a) Quantitative factors: payment experience, according to information from the credit information society, payment experience with the Institution and financial risk, b) Qualitative factors: business context, organizational structure and management competence.

#### Credits to Federative Entities, Municipalities and their Decentralized Organizations:

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As of October 2011, the Institution is grading the portfolio of Federal Entities and Municipalities with the new methodology established by the C.N.B.V. applying the new Annex 18 - Qualification and provisioning method applicable to loans held by Federal Entities and Municipalities, which was published in the DOF of October 5, 2011 and applying the modifications to the qualification methodology published on March 13, 2020. With the new rating methodology, reserves are determined by considering the probability of default, the severity of the loss and the exposure to default, in accordance with the provisions of the Single Circular and analyzing the following risk factors: a) Quantitative: payment experience with credit information companies, payment experience with the Institution itself and financial risk, b) Qualitative: financial strength and transparency.

#### **Housing mortgage portfolio**

As of March 2011, the Institution is qualifying the housing mortgage portfolio with the new methodology established by the C.N.B.V. and published in the DOF in October and November 2010, which establishes that the reserves will be determined considering the probability of default, the severity of the loss and the exposure to default for each loan, in accordance with the provisions of the Sole Circular, and analyzing the following factors: number of arrears to the rating date, maximum historical delay, willingness to pay, current loan to value, integration of the credit file and the type of currency; Likewise, in the DOF of January 6, 2017 modifications to the rating methodology were published, which were applied as of June 2017, incorporating into the model variables of the borrower on their credit behavior registered in the Credit Information Societies such as months elapsed since the last delay greater than thirty days and applying the modifications os the new rating methodology and precautionary reserves calculation publishes on March 13th, 2020.

#### **Consumer loans**

As of March 2011, the Institution is rating the non-revolving consumer portfolio with the new methodology established by the CNBV and published in the DOF in October and November 2010, which establishes that the reserves will be determined considering the probability of default, the severity of the loss and the exposure to default for each loan, in accordance with the provisions of the Sole Circular, and analyzing the following factors according to the type of credit in question: number of arrears on the rating date, maximum historical delay, willingness to pay, percentage representing the credit balance, original amount of the credit, arrears index, percentage that the remaining term represents of the total term of the credit, number of times the borrower pays the original value of the asset, type of credit, and in group credits among other factors, considering the number of arrears on the rating date, the willingness to pay, the number of people that make up the group to which the borrower belongs and the average number of cycles of the group the borrower belongs to. Likewise, in the DOF of January 6, 2017 modifications to the rating methodology were published, which were applied as of June 2017, incorporating variables of the borrower on their credit behavior registered in the Credit Information Companies into the model, such as months elapsed since the last delay greater than thirty days, amount to be paid to the Institution, amount to be paid reported in the credit information companies, balance reported in the credit information companies, debt levels, monthly income of the borrower, seniority of the Borrower in the Institution, seniority of the Borrower with Institutions.

In accordance with the modifications made by the Commission to the Provisions published in the DOF on August 12, 2009, the Bank rates the revolving consumer portfolio related to credit card operations considering the following factors: balance to be paid, payment made, credit limit, minimum payment required, default of payment; Likewise, in the DOF of December 16, 2015 modifications to the rating methodology were published, which were applied as of April 2016, incorporating variables of the borrower on their credit behavior registered in the Credit Information Societies into the model, such as the amount to be paid to the Institution, the amount to be paid reported in the credit information companies, months that have elapsed since the last delay of more than one day from the borrower in his credit commitments, as well as the length of time of the borrower at the

## Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria Notes to the Consolidated Financial Statements (Mexican pesos in millions, except when otherwise indicated)

Institution. The amount of the credit card reserves will be determined considering the probability of default, the severity of the loss and the exposure to default, in accordance with the provisions of the Provisions.

Likewise, the modifications of the new rating methodology and calculation of preventive reserves published on March 13, 2020 were applied.

The following is the portfolio rating table of the total portfolio of the Bank with figures as of June 30, 2023:

DEGREES OF RISK		ERCIAL FOLIO	Housing Portfolio		Non-Revolving Consumer Portfolio		Revolving Consumer Portfolio: Credit Card		TOTAL PORTFOLIO	
	Portfoli o	Reserve s	Portfoli o	Reserve s	Portfoli o	Reserve s	Portfoli o	Reserve s	Portfoli o	Reserve s
A-1	28,419	124	9,354	14	5,432	44	476	31	43,681	213
A-2	3,536	40	664	4	551	14	267	16	5,018	74
B-1	1,132	18	260	2	994	34	124	9	2,510	63
B-2	271	6	270	3	615	28	59	5	1,215	42
B-3	315	11	109	2	308	17	48	5	780	35
C-1	1,474	139	254	8	342	24	72	10	2,142	182
C-2	54	7	496	40	414	45	94	24	1,058	116
D	1,205	442	473	110	368	84	102	63	2,148	699
E	480	341	217	122	653	388	40	35	1,390	886
Except	0	0	0	0	0	0	0	0	0	0
Total qualified portfolio	36,886	1,128	12,097	305	9,677	678	1,282	198	59,942	2,310
Other concepts:										
Interest cobrados for anticipantin	-88	0	0	0	0	0	0	0	-88	0
Qualified Contingent Credits Adjustment (Letters of Credit and Guarantees Granted)	-1,080	0	0	0	0	0	0	0	-1,080	0
Total	35,718	1,128	12,097	305	9,677	678	1,282	198	58,774	2,310
Qualified Credit Portfolio without Contingencies	35,805	1,128	12,097	305	9,677	678	1,282	198	58,862	2,310

Additional Reserves	86
Total Reserves Balance	2,396

Amounts in millions of pesos

The following table presents the movement of the 2nd. quarter of fiscal year 2023 of the estimate of preventive reserves of the Bank's portfolio:

	Movement of reserves							
Portfolio Segment	Balance at the beginning of the quarter (Balance Reserve)	ng of the Creation of Penal		Other Movements Recovery/Special Creations	Variation by exchange rate	Balance at the end of the quarter (Balance Reserve)		
COMMERCIAL PORTFOLIO	1,594	267	-732	0	0	1,129		

## Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria

#### Notes to the Consolidated Financial Statements

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Total closing of the quarter	2,674	650	-929	0	0	2,396
Additional Reserves	57	29	0	0	0	86
Revolving Consumer Portfolio: Credit Card	179	58	-39	0	0	198
Non-Revolving Consumer Portfolio	550	285	-157	0	0	678
Housing Portfolio	295	11	-1	0	0	305

Amounts in millions of pesos

The following is an estimation of preventive reserves of the commercial portfolio by economic sector as of March 31, 2023 and June 30, 2023:

Economic Sector	Reserve Balance March 2023	Reserve Balance June 2021
Mining and Petroleum	493	303
Commerce	406	266
Services	239	206
ELECTRICITY AND WATER	111	112
Construction	106	98
Others	239	143
Total	1,594	1,128

Amounts in millions of pesos

The following table presents a comparison as of June 30, 2023 of credit risk exposures, reported credit reserves, and those derived from gross exposures, without considering the effects of credit risk hedging techniques, broken down by the main types of credit portfolio:

Concept:					
Portfolio to Companies with sales of less than 14 million UDIs					
Portfolio to Companies with sales greater than 14 million UDIs					
Portfolio to Government Sector Entities					

Portfolio	Exposure to Default	Reserves
10,163	10,163	483
23,525	23,525	630
1,889	1,889	13

Bookings *	Gross Exposures
585	9,578
917	22,608
16	1,873

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(Mexican pesos in millions, except when otherwise indicated)

Portfolio to Financial Institutions	228	228	2	2	226
Total Commercial Credit Portfolio *	35,805	35,805	1,128	1,520	34,285
Housing Portfolio	12,097	12,097	305	305	11,792
Non-Revolving Consumer Portfolio: Auto	9,677	9,677	678	678	8,999
Revolving Consumer Portfolio: Credit Card	1,283	2,380	199	199	2,181
Total Loan Portfolio	58,862	59,959	2,310	2,702	57,257

<sup>\*</sup> Reserve without considering Risk mitigants Amounts in millions of pesos

The following is the geographical distribution of credit exposures broken down into the main federal entities, with figures as of June 30, 2023:

Federal entity	COMMERCIAL PORTFOLIO	Housing Portfolio	Non- Revolving Consumer Portfolio	Revolving Consumer Portfolio: Credit Card	Total Loan Portfolio
Nuevo León	25,445	3,934	2,920	650	32,949
Mexico City	2,202	1,485	728	76	4,491
Coahuila	1,452	700	1,093	106	3,351
Jalisco	1,455	842	499	38	2,835
Baja California	884	535	290	23	1,732
Others	4,367	4,601	4,147	389	13,504
Total	35,805	12,097	9,677	1,282	58,862

Amounts in millions of pesos

The following table presents the distribution by economic sectors of the exposures of the commercial portfolio, with figures as of June 30, 2023:

Economic Sector	COMMERCIAL PORTFOLIO
Commerce	10,736
Services	7,284
ELECTRICITY AND WATER	4,971
Construction	3,796
Manufacturing	2,252
REAL ESTATE SERVICES AND RENTAL	2,060
Others	4,706
Total	35,805

Amounts in millions of pesos

The following presents the remaining term distribution of credit exposures, with figures as of June 30, 2023:

Deadline to expire	COMMERCIAL PORTFOLIO	Housing Portfolio	Non- Revolving Consumer Portfolio	Revolving Consumer Portfolio: Credit Card	Total Loan Portfolio
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## Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria Notes to the Consolidated Financial Statements

(Mexican pesos in millions, except when otherwise indicated)

Credits with terms already overdue	1,356	6	300	0	1,662
1 to 184 days	10,539	3	868	0	11,410
185 to 366 days	998	2	541	0	1,541
From 367 to 731 days	1,262	18	1,084	0	2,364
732 to 1,096 days	4,410	39	2,261	0	6,711
1,097 to 1,461 days	2,391	74	2,255	0	4,720
1,462 to 1,827 days	2,212	124	2,065	0	4,401
More than 1,827 days	12,637	11,831	303	1,282	26,053
Total	35,805	12,097	9,677	1,282	58,862

Amounts in millions of pesos

The following table shows the age of the stage 3 portfolio from the total Bank portfolio with figures as of June 30, 2023:

Range of days past due	COMMERCIAL PORTFOLIO	Housing Portfolio	Non- Revolving Consumer Portfolio	Revolving Consumer Portfolio: Credit Card	Total
Default from 1 to 180 days	906	162	227	34	1,329
Default from 181 to 365 days	602	92	28	0	722
Delay greater than 365 days	944	448	5	0	1,397
Total Overdue Portfolio	2,452	702	260	34	3,448

Amounts in millions of pesos

Next, the bank's commercial portfolio is presented, classified into Stage 1, Stage 2, and Stage 3 with figures as of June 30, 2023, sorted by risk tiers, federal entities, and economic sectors:

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## Notes to the Consolidated Financial Statements

(Mexican pesos in millions, except when otherwise indicated)

Current, Overdue, and Troubled Commercial Portfolio by degree of risk:

		Co	ommercial Portfo	olio Stages 1 and	i 2			ial Portfolio ge 3		
Risk level		ial Portfolio ge 1	Commercial P	Commercial Portfolio Stage 2 Total Commercial Portfolio Stages 1 and 2					Total Portfolio	
	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings
A-1	27,399	124	0	0	27,399	124	0	0	27,399	124
A-2	3,488	40	0	0	3,488	40	0	0	3,488	40
B-1	1,120	19	0	0	1,120	19	0	0	1,120	19
B-2	272	6	0	0	272	6	0	0	272	6
B-3	306	10	9	0	315	11	0	0	315	11
C-1	463	39	11	1	474	39	1,000	100	1,474	139
C-2	23	3	31	4	54	7	0	0	54	7
D	134	30	56	14	191	44	1,014	398	1,205	442
AND	21	12	20	9	42	21	438	320	480	341
Excepted	0	0	0	0	0	0	0	0	0	0
Total	33,226	282	127	28	33,353	310	2,452	818	35,805	1,128

Amounts in millions of pesos

Current, Overdue, and Troubled Commercial Portfolio by State:

	Commercial Portfolio Stages 1 and 2						Commercial Portfolio Stage 3			
Federal entity	tity Commercial Portfolio Stage 1		Commercial Portfolio Stage 2		Total Commercial Portfolio Stages 1 and 2		Commercial Portfolio Stage 3		Total Portfolio	
	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings
Aguascalientes	107	1	4	0	111	1	61	25	172	26
Baja California	881	4	0	0	881	4	3	3	884	6
Campeche	6	0	0	0	6	0	0	0	6	0
Chihuahua	336	1	0	0	336	1	8	7	345	8
Mexico City	2,065	12	9	2	2,074	14	129	81	2,203	95
Coahuila	1,386	13	16	7	1,403	20	49	32	1,451	52
Colima	368	3	1	0	369	3	5	4	374	7
Durango	31	1	0	0	31	1	2	1	32	2
State of Mexico	380	5	22	3	403	9	31	19	434	28
Guanajuato	271	1	3	0	274	2	5	3	279	5
Warrior	301	2	2	1	302	3	9	8	311	11
Jalisco	1,395	10	8	2	1,402	12	53	33	1,455	45
Michoacan	743	8	0	0	743	9	12	9	755	17
Morelos	19	0	2	0	21	0	6	4	27	4
New Lion	23,404	202	44	8	23,448	210	1,998	542	25,445	752
Puebla	122	1	4	1	126	2	14	9	139	11
Queretaro	236	3	0	0	236	3	8	6	243	10
Quintana Roo	52	1	3	1	55	2	3	2	58	4
San Luis Potosi	92	4	9	2	101	6	1	1	102	7
Sinaloa	210	2	0	0	210	2	14	8	224	10
Sonora	103	1	0	0	103	1	4	3	107	4
Tamaulipas	411	4	0	0	411	4	37	18	448	22
Yucatan	306	1	0	0	306	1	2	0	308	2
Total	33,226	282	127	28	33,353	310	2,452	818	35,805	1,128

Amounts in millions of pesos

## Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria Notes to the Consolidated Financial Statements

(Mexican pesos in millions, except when otherwise indicated)

Current, Overdue and Troubled Commercial Portfolio by Economic Sector:

	Commercial Portfolio Stages 1 and 2							Commercial Portfolio Stage 3		
Economic sectors	Commercial Portfolio Stage 1		Commercial Portfolio Stage 2		Total Commercial Portfolio Stages 1 and 2		Commercial Portfolio Stage 3		Total Portfolio	
	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings	Portfolio	Bookings
AGRICULTURE	302	10	3	2	305	12	15	9	321	20
COMMERCE	10,474	108	17	3	10,491	111	245	155	10,736	266
CONSTRUCTION	3,657	46	26	10	3,683	55	113	43	3,796	98
ELECTRICITY AND WATER	3,971	12	0	0	3,971	12	1,000	100	4,971	112
FINANCIAL ENTITIES	228	2	0	0	228	2	0	0	228	2
GOVERNMENTAL ENTITIES	1,889	13	0	0	1,889	13	0	0	1,889	13
MANUFACTURING	2,187	13	25	5	2,212	18	40	30	2,252	48
MINING AND OIL	235	1	0	0	235	1	754	302	989	303
SERVICES	7,025	56	54	9	7,079	65	205	140	7,284	205
REAL ESTATE SERVICES AND RENTAL	2,058	14	0	0	2,058	14	2	2	2,060	16
TRANSPORT AND COMMUNICATIONS	1,200	7	1	0	1,201	7	78	37	1,278	44
Total	33,226	282	127	28	33,353	310	2,452	818	35,805	1,128

Amounts in millions of pesos

The following table presents the movement of the 2nd. Q3 2023 of the precautionary reserves of the commercial portfolio of Stage 3 of the Bank:

Concept:	June 2023
Balance at the beginning of the quarter	\$951
Creation of reservations (current or previous period)	599
Applications by: Penalties and Remissions	-732
Balance at the end of the quarter	\$818
Recoveries recorded in the quarter of written-off loans	-18

Amounts in millions of pesos

#### Risk mitigation techniques

In general terms, Credit Risk is mitigated through the use of guarantees. The guarantee is a security that is offered with respect to an economic loss, it is a reinforcement measure that is added to a credit operation in

Institución de Banca Múltiple, Afirme Grupo Financiero y Subsidiaria Notes to the Consolidated Financial Statements (Mexican pesos in millions, except when otherwise indicated)

order to mitigate the loss due to non-compliance with the payment obligation. The guarantee is an element to mitigate the severity of the operation in the event of default. Its purpose is to reduce the final loss in operations.

The guarantees aimed at ensuring the fulfillment of the payment of the credits granted to its borrowers can be real and/or personal:

- Real Guarantees.- They are those that are constituted on property (movable or immovable) or rights, concrete and determined. They are rights that assure the creditor the fulfillment of the main obligation through the special bond of a good. As a consequence of this special link, in the event of a breach of the guaranteed obligation, the creditor can realize the economic value of the asset through a regulated procedure and be collected with the amount obtained, the preference in the collection in this way being opposable over the rest of creditors.
- Personal guarantees.- These confer on the creditor a right of a personal nature or a power that is
  directed to the guarantor's own assets. The Personal Guarantee is the one that contributes or is
  derived from a natural or legal person, by virtue of the personal credit that it inspires or deserves.

#### **Real Guarantees:**

- The real guarantee is the one based on tangible assets, which the subject of the Credit grants to respond for the obligation contracted with the Credit.
- The collateral that supports a credit operation should be analyzed with respect to the following:
  - a. Degree of cash convertibility
  - b. Tax aspects that may affect your award
  - c. Considering the nature of the asset given as collateral, an Appraisal must be obtained, which should preferably be prepared by a Valuation Expert authorized by the Institution, or a different Appraisal may be accepted in accordance with the established procedures; Likewise, in the case of guarantees located in places where there are no registered Afirme Grupo Financiero experts, the Appraisal prepared by third parties may be used, which could be validated by the Internal Appraisal Area if deemed necessary.

#### Main Guarantees accepted by the Institution:

#### **Real Guarantees:**

- Mortgage.- It is the one that is constituted on goods that are not delivered to the creditor and that
  entitles the latter, in the event that the guaranteed obligation is breached, to be paid the debt with the
  value of the goods object of the guarantee taking in consideration of the place and degree of
  preference in its assessment.
- Pledge.- The Pledge Guarantee of movable property must be established in accordance with the
  provisions of article 334 of the General Law of Titles and Credit Operations. The transmission of
  possession depends on the nature of the object good. The Credit Pledge may be authorized in books,
  which must be contained in the Credit Agreement and it must be stated that the Credits granted in
  Pledge are listed in notes or lists duly signed by the representatives of the borrower or the third
  guarantor.

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- **Fiduciary**.- The patrimony of the Administration and Payment and Guarantee Trusts can be cash, real estate, furniture, accounts receivable, credit rights, etc.
- Guarantee with Irrevocable Mandate.- Liability in charge of the Institution (except at sight) or of any
  Credit Institution or Holding Companies, formalized through a trust, which are granted to support a
  Credit operation or, liability in charge of the Institution (except at sight) with Irrevocable Mandate on
  money of the Institution.
- **Insurance.** These are contracts that are entered into with the Insurance Companies, which by paying a premium, are obliged to compensate for damage or to pay a sum of money in the event that the loss foreseen in the contract occurs.
- Letter of Guarantee.- It is the commitment that a company based abroad acquires to cover the
  Institution's capital, interests and expenses related to Credits granted to a subsidiary or subsidiary of
  the former, located in national territory, in the event that it incurs in the breach of its obligations. The
  foregoing when permitted by the Legal Provisions, requesting a review of said Letter of Guarantee
  from the Legal Area.
- Participations in Federal Revenues.- These are resources periodically received by the state and municipal governments from the national collection of federal revenues.

#### **Personal Guarantees:**

- **Guarantee.-** It is a unilateral declaration of the will of a natural or legal person to guarantee by signing the total or partial payment of a Credit title.
- Solidarity Debt and / or Solidarity Bond.- It is a document in which a person jointly and severally
  undertakes to guarantee the debts that the borrower contracts with the Institution, which is formalized
  through a contract.
- Bond.- It is a contract by which a person agrees with the creditor to pay for the debtor if he does not
  do so. It is an accessory contract in which a creditor, a principal debtor and a guarantor intervene
  through a contractual relationship. It is a contract by virtue of which a surety institution undertakes to
  guarantee compliance with obligations with an economic content, contracted by a natural or legal
  person before another private or public natural or legal person, in the event that that person does not
  comply.

Regarding the concentration of guarantees, the Institution's portfolio is guaranteed mainly by trusts, mortgages, guarantees granted by the Development Bank and cash guarantees.

In accordance with the rules of Annexes 24 and 25 of the Sole Banking Circular, Afirme considers real and personal guarantees to estimate the Loss Severity used in the standard qualification model of preventive reserves for credit risks reported in the Balance Sheet of the institution.

The following table shows the distribution of the aforementioned guarantees that apply to the commercial portfolio:

Guarantee Type	% Guarantee
Financial Real Guarantees	

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- Liquid	3.57%
- BMV Stocks	2.27%
Non-Financial Real Guarantees	
- Trusts	56.67%
Mortgages	24.18%
- Pledge: Certificates	4.14%
- Other	1.41%
Personal Guarantees	
- Insurers and Others	2.24%
Development Bank	5.51%
Total	100.00%

The following table shows the total exposure amount that is covered by financial collateral, non-financial collateral, and admissible personal collateral:

#### **Commercial Portfolio:**

Guarantee Type	Indoor exhibition		
Financial Real Guarantees	1,066		
Non-Financial Real Guarantees	15,751		
Guarantees granted by the Development Bank	1,005		
Personal and Other Guarantees	408		

Amounts in millions of pesos