

**Scotiabank Inverlat, S. A.,**  
Institución de Banca Múltiple,  
Grupo Financiero Scotiabank Inverlat  
**and subsidiaries**

Consolidated financial statements

December 31, 2018 and 2017

(With Independent Auditor's Report thereon)  
*(Free translation from Spanish language original)*

# Independent Auditors' Report

(Translation from Spanish language original)

## The Board of Directors and Stockholders

Scotiabank Inverlat, S. A., Institución de Banca Múltiple,  
Grupo Financiero Scotiabank Inverlat:

(Millions of Mexican pesos)

### Opinion

We have audited the consolidated financial statements of Scotiabank Inverlat, S. A., Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat and subsidiaries (the Bank), which comprise the consolidated balance sheets as of December 31, 2018 and 2017, the consolidated statements of income, changes in stockholders' equity and cash flows for the years then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

In our opinion, the accompanying consolidated financial statements of Scotiabank Inverlat, S. A., Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat and subsidiaries, have been prepared, in all material respects, in accordance with the Accounting Criteria for Credit Institutions in Mexico (the Accounting Criteria), issued by the National Banking and Securities Commission (the Banking Commission).

### Basis for opinión

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the "Auditors' responsibilities for the audit of the consolidated financial statements" section of our report. We are independent of the Bank in accordance with the ethical requirements that are relevant to our audit of the consolidated financial statements in Mexico, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Key audit matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

(Continued)



Allowance for loan losses \$9,739, in the consolidated balance sheet	
See notes 3(i), 4(a) and 10(e) to the consolidated financial statements	
Key audit matter	How the key audit matter was addressed in our audit
The allowance for loan losses for the commercial loans portfolio involves significant judgement for the evaluation of the borrowers' ability to pay, considering the different factors in accordance with the methodologies for the credit portfolio rating process established by the Banking Commission, as well as to assess the reliability on the documentation and its update, which is used as input for the determination of the allowance for loan losses for all the loan portfolios.	The audit procedures applied to Management's determination of the allowance for loan losses and its effect on the year's results, included the assessment, on a sample basis, of both the inputs used and the calculation method for the different loan portfolios based on the methodology in force established by the Banking Commission for each type of loan portfolio.

Derivative financial instruments non-listed in recognized markets \$19,439 (assets) and \$20,003 (liabilities) and hedging transactions \$979 (assets) and \$19 (liabilities)	
See notes 3(f) and 9 to the consolidated financial statements.	
Key audit matter	How the key audit matter was addressed in our audit
Fair value determination as of the date of the consolidated balance sheet of some derivative financial instruments non-listed in recognized markets and hedging transactions, is carried out through the use of valuation techniques that involve a significant degree of judgement by Management, mainly when the use of inputs from various sources or data not observable in financial markets and complex valuation models is required. In addition, the requirements that must be met for accounting for financial instruments classified as hedges, as well as documentation and monitoring to prove their effectiveness, involves a certain degree of specialization applied by Management.	As part of our audit procedures, we obtained evidence of the approval by the Bank's Risk Committee, of the valuation model for derivative financial instruments and hedging operations used by Management. Likewise, on a sample basis, we evaluated the reasonableness of those models and inputs used, through the involvement of our valuation specialists. In addition, on a sample basis, we evaluated the fair value determination of the derivative products and hedging operations, the proper compliance with the criteria and documentation to be considered as such, as well as their effectiveness.

(Continued)



<b>Current income tax \$797</b> <b>Deferred income tax \$3,990, in the consolidated balance sheet</b>	
See notes 3(r) and 18 to the consolidated financial statements.	
Key audit matter	How the key audit matter was addressed in our audit
<p>Determination of current and deferred income taxes is complex, mainly due to the interpretation of the legislation in force in the matter, requiring a significant degree of judgement mainly in the valuation of deferred tax assets to evaluate both current and future factors that allow to estimate the realization of such assets.</p>	<p>The audit procedures applied to assess the reasonableness of the calculations determined by Management for the recognition of current and deferred income taxes, included sample tests of both the inputs and the nature of the items used in the calculation, considering the legislation in force in tax matters.</p> <p>With the involvement of our tax specialists, we evaluated the reasonableness of the significant tax assumptions, the reversal period of the temporary differences and the expiration of the tax losses, as well as the reasonableness of the tax strategies applied by the Bank's Management. In addition we assessed the tax profit projections determined by the Bank's Management that support the probability of the realization of deferred income tax assets.</p>

<b>Risks related to Information Technology (IT)</b>	
Key audit matter	How the key audit matter was addressed in our audit
<p>The Bank carried out a migration process of its deposit and personal and mortgage loans products to a new operating system. This migration process implied the transfer of a high volume of data and new interfaces between the operating and accounting system. In addition, the general IT controls must be designed and operate effectively to ensure of the completeness and accuracy of the financial information produced.</p>	<p>In accordance to our methodology and with the involvement of our IT specialists, we evaluated the controls in place of the key systems processing the financial information of the Bank in two aspects: (i) general IT controls; and (ii) automated controls in key processes of our audit.</p> <p>In addition, on a simple basis, we verified the transfer of data subject to the migration process, as well as the reconciliations between the operating and accounting systems of the migrated products.</p>

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### **Other information**

Management is responsible for the other information. The other information comprises the information included in the Bank's Annual Report for the year ended December 31, 2018 which will be provided to the Banking Commission and the Mexican Stock Exchange (the Annual Report), but does not include the consolidated financial statements and our auditors' report thereon. The Annual Report is estimated to be available to us after the date of this auditors' report.

Our opinion on the consolidated financial statements does not cover the other information and we will not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information when available and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

When we read the Annual Report, if we conclude that there is a material misstatement of this other information, we are required to report that fact to those charged with governance.

### **Responsibilities of Management and Those Charged with Governance for the consolidated financial statements**

Management is responsible for the preparation of the consolidated financial statements in accordance with the Accounting Criteria issued by the Banking Commission, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, Management is responsible for assessing the Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Bank or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Bank's financial reporting process

### **Auditors' responsibilities for the audit of the consolidated financial statements**

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. 'Reasonable assurance' is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

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As part of an audit in accordance with ISAs, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, then we are required to draw attention in our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Bank to cease to continue as a going concern.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Bank to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence and where applicable, related safeguards.

(Continued)



From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

KPMG Cárdenas Dosal, S. C.

A handwritten signature in black ink, appearing to read 'Ricardo Lara Uribe', with a large, stylized flourish at the end.

Ricardo Lara Uribe

Mexico City, February 28, 2019.

**Scotiabank Inverlat, S. A.,**  
Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
**and subsidiaries**

Lorenzo Boturini 202, Col. Tránsito, C.P. 06820, Mexico City

Consolidated balance sheets

December 31, 2018 and 2017

(Millions of Mexican pesos)

<b>Assets</b>	<b>2018</b>	<b>2017</b>	<b>Liabilities and stockholders' equity</b>	<b>2018</b>	<b>2017</b>
Cash and cash equivalents (note 6)	\$ 45,908	31,851	Deposit funding (note 15):		
Margin accounts	29	67	Demand deposits	\$ 162,932	176,359
Investment securities (note 7):			Time deposits:		
Trading	20,807	6,589	General public	112,981	92,998
Available-for-sale	38,443	44,684	Money market	53,075	24,072
Held-to-maturity	4,804	4,678	Debt securities issued	25,778	26,254
	<u>64,054</u>	<u>55,951</u>	Global account of deposits without movements	594	509
				<u>355,360</u>	<u>320,192</u>
Debtors on repurchase/resell agreements (debtor balance) (note 8)	3,303	11,992	Bank and other borrowings (note 16):		
Derivatives (note 9):			Due on demand	-	180
Trading purposes	20,903	18,479	Short-term	4,804	6,845
Hedging purposes	6,729	5,115	Long-term	25,530	6,597
	<u>27,632</u>	<u>23,594</u>		<u>30,334</u>	<u>13,622</u>
Valuation adjustment from hedging of financial assets (note 10c)	(562)	(530)	Traded securities to be settled (note 7b)	167	419
Current loan portfolio (note 10):			Creditors on repurchase/resell agreements (note 8)	33,802	28,046
Commercial loans:			Derivatives (note 9):		
Business or commercial activity	152,231	124,089	Trading purposes	21,458	18,599
Financial entities	38,053	35,264	Hedging purposes	4,964	3,884
Government entities	9,676	11,163		<u>26,422</u>	<u>22,483</u>
	<u>199,960</u>	<u>170,516</u>	Valuation adjustments of hedging financial liabilities (note 15c)	24	29
Consumer loans	41,976	33,711	Other accounts payable:		
Residential mortgage loans:			Income tax payable	185	1,045
Medium and residential	116,584	103,092	Employee statutory profit sharing payable (note 18)	-	154
Social interest housing	121	138	Creditors on settlement of transactions (notes 6, 7, 8 and 9)	5,798	4,311
Loans acquired from INFONAVIT	3,623	1,244	Creditors on margin account	234	31
	<u>120,328</u>	<u>104,474</u>	Creditors on collateral received in cash	1,204	1,327
Total current loan portfolio	<u>362,264</u>	<u>308,701</u>	Sundry creditors and other accounts payable	10,369	8,370
Past-due loan portfolio (note 10):				<u>17,790</u>	<u>15,238</u>
Commercial loans:			Subordinated debt issued (note 19)	9,044	2,101
Business or commercial activity	3,454	3,170	Deferred credits and prepayments	1,574	1,341
Financial institutions	110	110		<u>474,517</u>	<u>403,471</u>
Consumer loans	1,497	1,016	Total liabilities		
Residential mortgage loans:			Stockholders' equity (note 20):		
Medium and residential	2,982	2,750	Paid-in capital:		
Social interest housing	17	23	Capital stock	10,404	10,104
Loans acquired from INFONAVIT	1	-	Additional paid-in capital	473	473
	<u>8,061</u>	<u>7,069</u>		<u>10,877</u>	<u>10,577</u>
Total past-due loan portfolio	<u>8,061</u>	<u>7,069</u>	Earned capital:		
Loan portfolio	370,325	315,770	Statutory reserves	5,546	4,891
Less:			Retained earnings	25,463	26,191
Allowance for loan losses (note 10e)	9,739	9,156	Result from valuation of available-for-sale securities	10	(13)
	<u>360,586</u>	<u>306,614</u>	Result from valuation of cash flow hedge instruments	836	423
Benefits receivable from securitization transactions (note 11)	-	75	Remeasurements of defined employee benefits (note 17)	(280)	(264)
Other accounts receivable, net	8,426	9,711	Net income	7,176	6,548
Foreclosed assets, net (note 12)	87	86		<u>38,751</u>	<u>37,776</u>
Premises, furniture and equipment, net (note 13)	3,766	3,636	Total stockholders' equity	<u>49,628</u>	<u>48,353</u>
Permanent investments (note 14)	51	52	Commitments and contingent liabilities (note 24)		
Available-for-sale long-term assets	32	-			
Deferred income taxes and ESPS, net (note 18)	3,990	4,939			
Other assets:					
Deferred income charges, prepaid expenses and intangibles	6,843	3,784			
Other short and long term assets	-	2			
	<u>6,843</u>	<u>3,786</u>			
Total assets	\$ <u>524,145</u>	<u>451,824</u>	Total liabilities and stockholders' equity	\$ <u>524,145</u>	<u>451,824</u>

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**Scotiabank Inverlat, S. A.,**  
Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
**and subsidiaries**

Lorenzo Boturini 202, Col. Tránsito, C.P. 06820, Mexico City

Consolidated balance sheets, continued

December 31, 2018 and 2017

(Millions of Mexican pesos)

**Memorandum accounts (note 22)**

	<u>2018</u>	<u>2017</u>
Contingent assets and liabilities	\$ 3	\$ 3
Loan commitments	243,052	187,382
Assets in trust or under mandate:		
Trusts	\$ 191,685	\$ 190,564
Mandate	<u>29,081</u>	<u>29,023</u>
	<u>220,766</u>	<u>219,587</u>
Assets in custody or under management	641,612	733,687
Collateral received by the entity	43,057	62,287
Collateral received and sold or pledged by the entity	9,281	20,595
Investments on behalf of customers	120,811	103,975
Interest earned but not collected arising from past-due loan portfolio	378	329
Other accounts	<u>\$ 1,277,090</u>	<u>\$ 1,211,354</u>

"At December 31, 2018 and 2017, the historical capital stock amounts to \$9,153 and \$8,853, respectively".

See accompanying notes to consolidated financial statements.

"These consolidated balance sheets were prepared in accordance with the accounting criteria for credit institutions issued by the National Banking and Securities Commission, based on Articles 99, 101 and 102 of the Law for Credit Institutions, which are of a general and mandatory, nature and have been applied on a consistent basis. Accordingly they reflect the transactions carried out by the Institution through the dates noted above. Furthermore, these transactions were carried out and valued in accordance with sound banking practices and the applicable legal and administrative provisions."

"These consolidated balance sheets were approved by the Board of Directors under the responsibility of the following officers."

**SIGNATURE**

\_\_\_\_\_  
Enrique Zorrilla Fullaondo  
General Director

**SIGNATURE**

\_\_\_\_\_  
Michael Coate  
Deputy General Director of Finance  
and Business Intelligence

**SIGNATURE**

\_\_\_\_\_  
Hiquingari Francisco Ortega Ortiz  
Interim Director Internal Audit Mexico

**SIGNATURE**

\_\_\_\_\_  
H. Valerio Bustos Quiroz  
Director of Group Accounting

"These consolidated balance sheets faithfully match with the consolidated balance sheets originals, which are properly signed and held by the Institution."

<http://www.scotiabank.com.mx/es-mx/Acerca-de-Scotiabank/Relacion-con-Inversionistas/Relaciones-con-Inversionistas/estados-financieros.aspx>  
[www.cnbv.gob.mx/paginas/default.aspx](http://www.cnbv.gob.mx/paginas/default.aspx)

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Lorenzo Boturini 202, Col. Tránsito, C.P. 06820, Mexico City

Consolidated statements of income

Years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

	<b>2018</b>	<b>2017</b>
Interest income (note 23b)	\$ 43,713	35,187
Interest expense (note 23b)	<u>(21,455)</u>	<u>(15,721)</u>
Financial margin	22,258	19,466
Allowance for loan losses (notes 4a and 10e)	<u>(3,518)</u>	<u>(3,687)</u>
Financial margin adjusted by credit risks	<u>18,740</u>	<u>15,779</u>
Commission and fee income (note 23c)	5,009	4,444
Commission and fee expense	(913)	(742)
Financial intermediation income (note 23d)	172	242
Other operating income (note 23e)	2,211	1,765
Administrative and promotional expenses	<u>(17,285)</u>	<u>(14,255)</u>
	<u>(10,806)</u>	<u>(8,546)</u>
Net operating income	7,934	7,233
Equity method in the results of associated companies	<u>1</u>	<u>1</u>
Income before income taxes	<u>7,935</u>	<u>7,234</u>
Current income taxes (note 18)	(1,124)	(1,437)
Deferred income taxes, net (note 18)	<u>365</u>	<u>751</u>
	<u>(759)</u>	<u>(686)</u>
Net income	\$ <u><u>7,176</u></u>	<u><u>6,548</u></u>

See accompanying notes to consolidated financial statements.

"These consolidated statements of income were prepared in accordance with the accounting criteria for credit institutions issued by the National Banking and Securities Commission, based on Articles 99, 101 and 102 of the Law for Credit Institutions, which are of a general and mandatory nature and have been applied on a consistent basis. Accordingly, they reflect the revenues and disbursements relating to the transactions carried out by the Institution for the years noted above. Furthermore, these transactions were carried out and valued in accordance with sound banking practices and the applicable legal and administrative provisions."

"These consolidated statements of income were approved by the Board of Directors under the responsibility of the following officers."

**SIGNATURE**

\_\_\_\_\_  
Enrique Zorilla Fullaondo  
General Director

**SIGNATURE**

\_\_\_\_\_  
Hiquingari Francisco Ortega Ortiz  
Interim Director Internal Audit Mexico

**SIGNATURE**

\_\_\_\_\_  
Michael Coate  
Deputy General Director of Finance  
and Business Intelligence

**SIGNATURE**

\_\_\_\_\_  
H. Valerio Bustos Quiroz  
Director of Group Accounting

"These consolidated statements of income faithfully match with the consolidated statements of income originals, which are properly signed and held by the Institution."

**Scotiabank Inverlat, S. A.**  
Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
and subsidiaries

Lorenzo Boturini 202, Col. Tránsito, C.P. 06820, Mexico City

Consolidated statements of changes in stockholders' equity

Years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

	Paid-in capital		Earned capital						Total stockholders' equity
	Capital stock	Additional paid-in capital	Statutory reserves	Retained earnings	Result from valuation of available-for-sale securities	Result from valuation of cash flow hedge instruments	Remeasurements of defined employee benefits	Net income	
<b>Balances as of December 31, 2016</b>	\$ 9,304	473	4,454	22,257	(47)	337	65	4,373	41,216
<b>Changes resulting from stockholders' resolutions:</b>									
Resolution passed at the Ordinary General Stockholders' Meeting of April 27, 2017									
Creation of capital reserves	-	-	437	-	-	-	-	(437)	-
Appropriation of the 2016 net income	-	-	-	3,936	-	-	-	(3,936)	-
Increase in capital stock (note 20a)	800	-	-	-	-	-	-	-	800
	800	-	437	3,936	-	-	-	(4,373)	800
<b>Changes related to the recognition of comprehensive income (note 20c):</b>									
Net income	-	-	-	-	-	-	-	6,548	6,548
Valuation effects of available-for-sale securities and cash flow hedge instruments, net of deferred taxes and ESPS for (\$57) and (\$19), respectively (notes 7a, 9 and 18)	-	-	-	-	34	86	-	-	120
Result from application of new accounting criteria, net of deferred taxes and ESPS for \$24 and \$8, respectively (note 17)	-	-	-	(48)	-	-	-	-	(48)
Remeasurements of defined employee benefits, net of deferred taxes and ESPS for \$50 and \$17, respectively (notes 17 and 18)	-	-	-	46	-	-	(329)	-	(283)
Total comprehensive income	-	-	-	(2)	34	86	(329)	6,548	6,337
<b>Balances as of December 31, 2017</b>	10,104	473	4,891	26,191	(13)	423	(264)	6,548	48,353
<b>Changes resulting from stockholders' resolutions:</b>									
Resolution passed at the Ordinary General Stockholders' Meeting of April 27, 2018:									
Creation of capital reserves	-	-	655	-	-	-	-	(655)	-
Appropriation of the 2017 net income	-	-	-	5,893	-	-	-	(5,893)	-
Dividends payment	-	-	-	(6,695)	-	-	-	-	(6,695)
Increase in capital stock (note 20a)	300	-	-	-	-	-	-	-	300
	300	-	655	(802)	-	-	-	(6,548)	(6,395)
<b>Changes related to the recognition of comprehensive income (note 20c):</b>									
Net income	-	-	-	-	-	-	-	7,176	7,176
Valuation effects of available-for-sale securities and cash flow hedge instruments, net of deferred taxes and ESPS for (\$167) and \$68, respectively (notes 7a, 9 and 18)	-	-	-	-	23	413	-	-	436
Remeasurements of defined employee benefits, net of deferred taxes and ESPS for (\$36) and \$36, respectively (notes 17 and 18)	-	-	-	74	-	-	(16)	-	58
Total comprehensive income	-	-	-	74	23	413	(16)	7,176	7,670
<b>Balances as of December 31, 2018</b>	\$ 10,404	473	5,546	25,463	10	836	(280)	7,176	49,628

See accompanying notes to consolidated financial statements.

"These consolidated statements of changes in stockholders' equity were prepared in accordance with accounting criteria for credit institutions issued by the National Banking and Securities Commission, based on Articles 99, 101 and 102 of the Law for Credit Institutions, which are of a general and mandatory nature and have been applied on a consistent basis. Accordingly, they reflect all the stockholders' equity account entries relating to the transactions carried out by the Institution for the years noted above. Furthermore, these transactions were carried out and valued in accordance with sound banking practices and the applicable legal and administrative provisions."

"These consolidated statements of changes in stockholders' equity were approved by the Board of Directors under the responsibility of the following officers."

**SIGNATURE**

Enrique Zorrilla Fullaondo  
General Director

**SIGNATURE**

Michael Coate  
Deputy General Director of Finance and  
Business Intelligence

**SIGNATURE**

Hiquingari Francisco Ortega Ortiz  
Interim Director Internal Audit Mexico

**SIGNATURE**

H. Valerio Bustos Quiroz  
Director of Group Accounting

"These consolidated statements of changes faithfully match with the consolidated statements of changes originals, which are properly signed and held by the Institution."

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Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
**and subsidiaries**

Lorenzo Boturini 202, Col. Tránsito, C.P. 06820, Mexico City

Consolidated statements of cash flows

Years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

	<u>2018</u>	<u>2017</u>
Net income	\$ 7,176	6,548
Items not requiring cash flow:		
Impairment allowance or impairment reversal		
in investing and financing activities	6	(18)
Depreciation of premises, furniture and equipment	443	423
Amortization of deferred charges, prepaid expenses and intangible assets	181	259
Provisions, mainly allowance for loan losses	5,288	4,691
Current and deferred income taxes	759	686
Equity method in associated companies	(1)	(1)
Other, mainly fair value valuation	1,343	(874)
	<u>8,019</u>	<u>5,166</u>
Subtotal		
Operating activities:		
Change in margin accounts	38	239
Change in investment securities	(8,349)	(12,506)
Change in debtors on repurchase / resell agreements	8,689	1,484
Change in derivatives (asset)	(3,394)	731
Change in loan portfolio	(57,663)	(66,663)
Change in benefits receivable from securitization transactions	92	34
Change in foreclosed assets	(7)	(14)
Change in other operating assets	(901)	2,123
Change in deposit funding	35,168	64,808
Change in bank and other borrowings	16,921	(7,876)
Change in creditors on repurchase / resell agreements	5,756	8,729
Change in derivatives (liabilities)	2,304	(810)
Change in subordinated debt issued	6,943	1
Change in other operating liabilities	1,746	(2,183)
Payments of income taxes	(357)	(329)
	<u>7,086</u>	<u>(12,232)</u>
Net cash flows from operating activities	<u>22,281</u>	<u>(518)</u>
Investing activities:		
Proceeds from sale of property, plant and equipment	-	4
Payments for acquisition of premises, furniture and equipment	(573)	(581)
Payments for intangible assets acquisition	(1,111)	-
Other	157	(877)
	<u>(1,527)</u>	<u>(1,454)</u>
Net cash flows from investing activities		
Financing activities:		
Dividend payments	(6,695)	-
Increase in capital stock	300	800
Payments due to subordinated debt issued	(302)	-
	<u>(6,697)</u>	<u>800</u>
Net cash flows from financing activities		
Net increase (decrease) in cash and cash equivalents	14,057	(1,172)
Cash and cash equivalents at beginning of the year	<u>31,851</u>	<u>33,023</u>
Cash and cash equivalents at end of the year	<u>\$ 45,908</u>	<u>31,851</u>

See accompanying notes to consolidated financial statements.

"These consolidated statements of cash flows were prepared in accordance with the accounting criteria for credit institutions issued by the National Banking and Securities Commission, based on Articles 99, 101 and 102 of the Law for Credit Institutions, which are of a general and mandatory nature and have been applied on a consistent basis. Accordingly, they reflect all the cash in flows and cash out flows relating to the transactions carried out by the Institution for the years noted above. Furthermore, these transactions were carried out and valued in accordance with sound banking practices and the applicable legal and administrative provisions."

"These consolidated statements of cash flows were approved by the Board of Directors under the responsibility of the following officers."

**SIGNATURE**

\_\_\_\_\_  
Enrique Zorrilla Fullaondo  
General Director

**SIGNATURE**

\_\_\_\_\_  
Michael Coate  
Deputy General Director of Finance and  
Business Intelligence

**SIGNATURE**

\_\_\_\_\_  
Hiqingari Francisco Ortega Ortiz  
Interim Director Internal Audit Mexico

**SIGNATURE**

\_\_\_\_\_  
H. Valerio Bustos Quiroz  
Director of Group Accounting

"These consolidated statements of cash flows faithfully match with the consolidated statements of cash flows originals, which are properly signed and held by the Institution."

**Scotiabank Inverlat, S. A.,**  
Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
**and subsidiaries**

Notes to the consolidated financial statements

For the years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

*These consolidated financial statements have been translated from the Spanish language original solely for the convenience of foreign/English-speaking readers.*

**(1) Description of business-**

Scotiabank Inverlat, S. A., Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat ("the Bank"), located in Lorenzo Boturini 202, 2nd floor, Tránsito, 06820 in Mexico City is an entity constituted under the Mexican laws. The Bank is a subsidiary of Grupo Financiero Scotiabank Inverlat, S. A. de C. V. ("the Group") which owns 99.99% of its capital stock. The Group, in turn, is a subsidiary of The Bank of Nova Scotia ("BNS"), which owns 97.4% of its capital stock. In accordance with the Credit Institutions Law, the Bank is authorized to carry out multiple-service banking transactions such as accepting deposits from the general public, granting and receiving loans, engaging in securities transactions and providing trust services, among others. The consolidated financial statements of the Bank include the operation of its subsidiaries for whom exercises control: Globalcard, S. A. de C. V., SOFOM, E. R., Grupo Financiero Scotiabank Inverlat (Globalcard); Inmobiliaria Scotia Inverlat, S. A. de C. V. (Inmobiliaria); Scotia Servicios de Apoyo, S. A. de C. V. (Scotia Servicios) which supports the management of the credit card business; Scotia Inverlat Derivados, S. A. de C. V. (Scotia Derivados) which acts as trading member for futures and options contracts listed on the Mercado Mexicano de Derivados, S. A. de C. V. (MexDer) and is also holding company of two trusts named, Fideicomiso Socio Liquidador Posición Propia Número 101667 and Fideicomiso Socio Liquidador Posición de Terceros Número 10177 (MexDer Trusts), created for the purpose of entering into futures, options and swaps contracts for the Bank's own account and on behalf of third parties, respectively. The Bank operates all over the Mexican territory and its corporate headquarters are located in Mexico City.

On November 16, 2018, the Bank transferred all its active employees, except for the General Director, to its related party Servicios Corporativos Scotia, S. A. de C. V. (SECOSA), through an agreement of employer substitution; as well as the liabilities related to employee benefits and the funding of them. Administrative services required from November 16 to December 31, 2018 were rendered by SECOSA against payment. Benefits to retired employees will continue being paid by Bank.

**(2) Authorization and basis for presentation-**

**Authorization**

On February 28, 2019, Enrique Zorrilla Fullaondo (General Director), Michael Coate (Deputy General Director of Finance and Business Intelligence), Hiquingari Francisco Ortega Ortíz (Interim Director Internal Audit Mexico) and H. Valerio Bustos Quiroz (Director of Group Accounting) authorized the issuance of the accompanying consolidated financial statements and related notes.

The Bank's consolidated financial statements include the Bank's subsidiaries on which the Bank exercises control: Globalcard, Inmobiliaria, Scotia Servicios and Scotia Derivados. Significant balances and transactions with the Bank's companies have been eliminated in preparing the consolidated financial statements.

(Continued)

**Scotiabank Inverlat, S. A.,**  
Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
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Notes to the consolidated financial statements

(Millions of Mexican pesos)

The consolidation was carried out using the audited financial statements of the subsidiaries at December 31, 2018 and 2017.

The Stockholders and the National Banking and Securities Commission (“the Banking Commission”) are empowered to modify the consolidated financial statements after issuance.

**Basis of presentation**

**a) Statement of compliance**

The accompanying consolidated financial statements have been prepared, based on the banking legislation, in conformity with the accounting criteria established by the Banking Commission (the Accounting Criteria) for credit institutions in Mexico. The Banking Commission is responsible for the inspection and supervision of financial institutions, as well as reviewing their financial information.

The accounting criteria provide that in the absence of a specific accounting criterion of the Banking Commission for credit institutions, and in a wider context the Mexican Financial Reporting Standards (MFRS), issued by the Mexican Board of Financial Reporting Standards (Consejo Mexicano de Normas de Información Financiera, A. C. or CINIF), the supplementary process as established by MFRS A-8 shall be applicable, and only when the International Financial Reporting Standards (IFRS) referred to by MFRS A-8 do not resolve the accounting treatment, the supplementary application of an accounting standard pertaining to other regulatory framework may be opted for, providing all the requirements set out by the MFRS are met by the standard. The supplementary application shall be in the following order: U.S. Generally Accepted Accounting Principles (US GAAP), and later any other formal and recognized accounting standard, provided they do not contravene the accounting criteria of the Banking Commission.

**b) Use of estimates and judgments**

The preparation of the consolidated financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the consolidated financial statements, and the reported amounts of revenues and expenses during the reporting period. The significant financial statement captions subject to such estimates and assumptions include the valuation of financial instruments, allowance for loan losses, employees’ benefits and the future realization and deferred taxes. The actual results may differ from those estimates and assumptions.

**c) Functional and reporting currency**

The aforementioned consolidated financial statements are presented in Mexican pesos, which is the same as the recording currency and the functional currency.

(Continued)

**Scotiabank Inverlat, S. A.,**  
 Institución de Banca Múltiple, Grupo Financiero Scotiabank Inverlat  
**and subsidiaries**

Notes to the consolidated financial statements

(Millions of Mexican pesos)

For purposes of disclosure in the notes to the consolidated financial statements, "pesos" or "\$" refers to millions of Mexican Pesos, and when reference is made to "dollars" or "USD", it means millions of dollars of the United States of America.

**d) Recognition of assets and liabilities related to financial instruments**

Assets and liabilities related to the purchase and sale of foreign currencies, investment in securities, securities repurchase/resell agreements and derivatives are recognized in the consolidated financial statements on the trade date, regardless of the settlement date.

**(3) Summary of significant accounting policies-**

The accounting policies shown in this note have been applied on a consistent basis in the preparation of the consolidated financial statements, considering the accounting changes indicated in note 4:

**(a) Recognition of the effects of inflation-**

The accompanying consolidated financial statements include the recognition of inflation based on Investment Units (Unidades de Inversión or UDI) until December 31, 2007, according to the applicable accounting criteria.

Years ended December 31, 2018 and 2017 are considered non-inflationary economic environment (inflation accumulated over the three preceding years less than 26%), as established in MFRS B-10 "Effects of Inflation", consequently the effects of inflation on the Bank's financial information are not recognized. Should the Bank be back in an inflationary environment, the cumulative effects of inflation not recognized in prior periods must be retrospectively recognized from the last period that the economic environment was considered as inflationary. The accumulated inflation rate of the three preceding years, is shown below:

<u>December 31,</u>	<u>UDI</u>	<u>Inflation</u>	
		<u>Annual</u>	<u>Accumulated</u>
2018	\$ 6.226631	4.92%	15.71%
2017	5.934551	6.68%	12.60%
2016	5.562883	3.38%	9.97%

(Continued)

**Scotiabank Inverlat, S. A.,**  
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Notes to the consolidated financial statements

(Millions of Mexican pesos)

**(b) Cash and cash equivalents-**

Cash and cash equivalents consist of cash in hand, deposits with banks in pesos and dollars, as well as foreign currency purchase and sale transactions not considered derivatives according to the applicable regulation established by Banco de Mexico (Central Bank). This caption also includes restricted cash and cash equivalents comprised of bank borrowings with original maturities of up to three days ("Call Money"), excess of plan assets for maximum obligation of employee benefits according to the MFRS D-3 "Employee benefits" and deposits in the Central Bank which include the regulation monetary deposits that the Bank is required to maintain in conformity with the provisions issued by the Central Bank for the purpose of regulating liquidity in the financial market; the deposits lack term and bear interest at the average funding rate, which are recognized in the income statement as accrued.

The cash and cash equivalents are recognized at nominal value. For the bank accounts denominated in dollars, the exchange rate used for the translation is the one published by the Central Bank. The translation effect and interests earned are recognized in the income statement, as interest income or interest expense, accordingly, on an accrual basis.

Immediate collection notes will be recorded as other cash equivalent according to what is mentioned as follows:

- Transactions with Mexican entities: two business days after the transaction took place.
- Transactions with foreign entities: five business days after the transaction took place.

When the notes mentioned in the preceding paragraph are not collected within the established deadlines, the related amounts will be transferred to the originating item, as applicable, either "Other accounts receivable, net" or "Loan portfolio", and due consideration should be given to the provisions of criterion A-2, "Application of particular standards", and B-6 "Loan portfolio", respectively.

Transactions transferred to sundry debtors under the caption "Other accounts receivable", not settled within fifteen days following the transfer date will be classified as past-due debts and an allowance for their total amount recorded will be recorded concurrently.

Notes received subject to collection are recorded in memorandum accounts under the caption "Other accounts".

Checking account overdrafts, as reported in the statement of account issued by the corresponding credit institution, are shown in the caption "Sundry creditors and other accounts payable". Likewise, the offset balance of receivable currencies against deliverable currencies, in case this results a credit balance.

(Continued)



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Notes to the consolidated financial statements

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The foreign exchange currencies acquired and agreed to be settled in purchase transactions to 24, 48, 72 and 96 hours, are recognized as restricted cash (foreign currency receivable), while the currency sold is recorded as cash outflow (foreign currency payable). The rights and obligations for the sales and purchases of foreign exchange at 24, 48, 72 and 96 hours are recorded in clearing accounts under the caption "Other accounts receivable, net" and "Creditors on settlement of transactions", respectively.

**(c) Margin accounts-**

Financial assets granted in cash required to the Bank to operate derivatives in recognized markets are recorded at par value and presented in the caption "Margin accounts". The value of margin accounts granted in cash is modified by margin calls or withdrawals made by the clearing house and for additional contributions or withdrawals made by the Bank.

Returns and commissions affecting the margin accounts, other than fluctuations in derivatives prices, are recognized in result of operations for the year as accrued under "Interest income" and "Commission and fee expense", respectively. The partial or total amounts deposited or withdrawn in the clearinghouse owing to price fluctuations of derivatives are recognized in "Margin accounts".

The compensation fund of MexDer Trusts is deposited in the Trust 30430 Asigna, Compensación y Liquidación (Asigna) in accordance with the established rules, provisions, internal regulation and operating manual of Asigna and is comprised of cash contributions made by the Trusts based on the open agreements recorded in their accounts and of the minimum initial contributions required by Asigna. The compensation fund is recognized as restricted under the caption "Cash and cash equivalents".

**(d) Investment securities-**

Investment securities consist of equities, government securities, bank promissory notes, and other debt securities listed in recognized markets, which are classified using the categories shown below, based on the intention and capability of management of the Bank on their ownership.

**Trading securities-**

Trading securities are those acquired with the intention of selling to get short-term gains arising from differences in prices resulting from its trading in the market. Securities at the time of acquisition are accounted for at fair value (which includes, where applicable, the discount or premium) which presumably corresponds to the price paid; transaction costs for the acquisition of securities are recognized in income on the same date.

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Subsequently, and on every reporting date, securities are valued at fair value provided by an independent price vendor; valuation effects and results of the buy/sell are recognized in the year's income, within the caption "Financial intermediation income". When the securities are sold, the result of buy/sell is determined by the difference between purchase price and the sale price, this shall reclassify the result of valuation that has been previously recognized in the income statement, to the buy/sell result caption.

Interest earned from debt securities are determined according to the effective interest method and are recognized in the year's income under the caption "Interest income".

Dividends from equity securities are recognized in the year's income when the right to receive payment arises under the caption "Interest income".

***Available-for-sale securities-***

Available-for-sale securities are those whose intention are not oriented to profit from differences in prices in the short term or does not have the intention or capacity to hold to maturity. The initial recognition and subsequent valuation is performed in the same manner as trading securities, except that the effect of valuation is recognized in stockholders' equity under the caption "Unrealized result from valuation of available-for-sale securities", and which is adjusted by the effect of deferred taxes, which is cancelled for its recognition in income at the time of sale within the caption of "Financial intermediation income". Accrued interest is recognized under the effective interest method under "Interest income or expense".

Interest earned is determined according to the effective interest method and are recognized in the year's income under the caption "Interest income".

Dividends from equity instruments are recognized in the year's income when the right to receive payment arises in the financial statements caption "Interest income".

***Held-to-maturity securities-***

Are those debt securities with fixed or determinable payments and with fixed maturity, regarding which the entity has the intention and capacity to hold until maturity. These securities are initially recognized at fair value which is presumably the price paid; and later are valued at amortized cost, which implies that the amortization of the premium or discount as well as the transaction costs form part of interest earned recognized in income under "Interest income". Interest is recognized in income as earned and when the securities are sold, the sales gain or loss is recognized for the difference between the net realizable value and the book value of the securities within the caption of "Financial intermediation income".

(Continued)

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(Millions of Mexican pesos)

***Securities' impairment-***

Where sufficient objective evidence exists that an available-for-sale or held-to-maturity security has been impaired as a result of one or more events that occurred subsequent to initial recognition of the security, the carrying amount of the security is modified and the impairment is recognized in the year-end results under the caption "Financial intermediation income". Regarding available-for-sale securities, the amount of loss recognized in equity is canceled.

If, in a subsequent period, the fair value of the security increases, and this effect is related objectively to an event occurring after the impairment was recognized in the income statement, the impairment is reversed in the year's results, except if it is an equity instrument.

***Value date transactions-***

Securities acquired where settlement takes place on a subsequent date, up to a maximum of four business days following the date of the purchase-sale transaction, are recognized as restricted securities, while securities sold are recognized as securities to be delivered, and are deducted from investments securities; the counter entry is a credit or debit to a settlement account, as applicable. Where the amount of securities to be delivered exceeds the balance of own securities of the same type in position (government, bank, equity and other debt securities), this is reflected as a liability under "Traded securities to be settled".

***Reclassifications between categories-***

The accounting criteria allows reclassifications from held-to-maturity to available-for-sale category, provided that the Bank does not have the intention or the ability to hold them until maturity. Valuation adjustments at the date of the reclassifications are recognized in stockholders' equity. In the case of reclassifications of securities to the category held to maturity, or of securities from trading to available for sale, this is only permissible with the express authorization of the Banking Commission. Likewise, in the case of sales of held-to-maturity securities, this has to be informed to the Banking Commission. For the years ended December 31, 2018 and 2017, the Bank did not carry out any transfer between categories, nor sales of held-to-maturity securities.

***(e) Repurchase/resell agreements-***

At the trade date of the repurchase/resell agreement transaction (repo), the Bank acting as seller recognizes either the cash inflow or a debit clearing account, as well as an account payable, whereas when acting as buyer recognizes either the cash outflow or a credit clearing account, as well as an account receivable. Both the account payable and the account receivable are initially stated at the agreed-upon price, representing the obligation to repay or the right to recover the cash, respectively.

(Continued)

**Scotiabank Inverlat, S. A.,**  
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(Millions of Mexican pesos)

Over the term of the repo, the account receivable and the account payable are valued at amortized cost, recognizing the interest on repos in the result of operations for the year as earned, in accordance with the effective interest method. The interest is recognized under the financial statement caption "Interest income" or "Interest expense", as appropriate. The account receivable and the account payable, as well as the interest earned are reported in the financial statement caption "Debtors under repurchase/resell agreements" and "Creditors under repurchase/resell agreements", respectively.

The Bank acting as repurchasee recognizes the received collateral in memorandum accounts within the caption of "Collateral received by the entity", in accordance with accounting criterion B-9 "Assets in custody and under management". Financial assets granted as collateral, when the Bank acting as repurchaser, the financial asset is reclassified on the consolidated balance sheet within the caption of "Investment securities", reporting it as a restricted asset.

Should the Bank, acting as repurchasee sell or pledge the collateral, the transaction proceeds and an account payable is recorded for the obligation to return the collateral to the repurchaser, which is valued, in the case of sale at fair value, or if pledged in another sale and repurchaser agreement, at amortized cost. The account payable is offset with the account receivable, which is recognized when the Bank acting as repurchasee turn becomes as repurchaser and the debit or credit balance is presented in the consolidated financial statement caption "Debtors under repurchase/resell agreements" or in "Collateral sold or pledged", as applicable.

Additionally, the collateral received, delivered or sold is recognized in memorandum accounts within the caption of "Collateral received and sold or pledged by the entity", in accordance with accounting criterion B-9 "Assets in custody and under management".

**(f) Derivatives-**

Transactions with derivative financial instruments comprise those carried out for trading and hedging purposes. Irrespective of their purpose, the derivatives are recognized at fair value.

The valuation effect of the derivatives for trading purposes is shown in the consolidated balance sheet and consolidated statement of income under "Derivatives", in the assets or liabilities, accordingly, and "Financial intermediation income", respectively. The effect of the derivatives credit risk (counterparty), must be determined according to the risk area methodology, and must be recognized in results in the period in which it occurs against the supplementary account.

(Continued)

**Scotiabank Inverlat, S. A.,**  
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(Millions of Mexican pesos)

The effective portion of the valuation adjustments of hedges designated for cash flow purposes is recognized in stockholders' equity, under the caption "Unrealized result from valuation of cash flow hedge instruments", while the ineffective portion of the change in fair value is recognized immediately in the consolidated income statement under "Financial intermediation income", and the counter-account with such effect are presented in the consolidated balance sheet under "Derivatives" caption. The gain or loss associated with the coverage of the forecasted transaction that has been recognized in stockholders' equity, is reclassified to the consolidated statement of income within the same caption that presents the result of valuation of hedged party attributable to the hedged risk, in the same period during which the hedged forecasted cash flows affect the year's results of operations.

If the cash flow hedge derivative reaches maturity, is exercised, terminated or the hedge does not meet the requirements to be deemed effective, the hedge designation is de-designated, while the valuation of the cash flow hedge derivative within stockholders' equity remains in this caption and is recognized in the year's results when the forecast transaction occurs, in the same caption which presents the gain or loss of the valuation attributable to the hedged risk.

The gain or loss arising from valuing the fair value hedge derivative is recognized in the consolidated balance sheet under "Derivatives" and in the consolidated statement of income in "Interest income" and "Financial intermediation income", since they correspond to interest rate hedges of loan portfolio and investments securities classified as available-for-sale, respectively. The result of valuation of the item attributable to the hedged risk is recognized on the consolidated balance sheet under "Valuation adjustments from hedging of financial assets" and recognized in the year's income in the case of loan portfolio, in "Interest income", while for investments securities classified as available-for-sale, in "Financial intermediation income".

***Collaterals pledged and received in over-the-counter derivate transactions***

The collateral is a security obtained to ensure payment of the price agreed in contracts with derivative financial instruments on over-the-counter transactions.

The granting of collateral pledged in cash in over-the-counter derivative transactions are recorded as account receivable under the caption "Other accounts receivable, net", while collateral received in cash are recorded as "Other accounts payable".

The collaterals pledged in securities are recorded as restricted securities by guarantees, and the collaterals received in securities from derivatives transactions are recorded in memorandum accounts.

(Continued)

**Scotiabank Inverlat, S. A.,**  
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Notes to the consolidated financial statements

(Millions of Mexican pesos)

**(g) Settlement of clearing accounts-**

Amounts receivable or payable for investment securities, securities repurchase/resell agreements, and/or derivatives, which have expired but have not been settled at the consolidated balance sheet date, including the amounts receivable or payable for purchase or sale of foreign currencies, which are not for immediate settlement or those with a same day value date, are recorded in clearing accounts.

The balances of clearing accounts, credit and debit are offset as long as it has the contractual right to offset amounts recognized, there is an intention to settle on a net basis, realize the asset and settle the liability simultaneously.

The clearing accounts are shown under the financial statement caption "Other accounts receivable, net" or "Creditors on settlement of transactions", as appropriate.

**(h) Loan portfolio-**

Represents the balance of the total or partial dispositions of the credit lines provided to clients plus uncollected accrued interest, less interest collected in advance. The allowance for loan losses is presented deducting the loan portfolio balances.

Undrawn credit facilities are recorded in suspense accounts, under "Loan commitments". The withdrawn amount is recorded into the loan portfolio in the caption of the portfolio as appropriate.

At the time of contracting, transactions with letters of credit are recorded in memorandum accounts under "Loan commitments" which, upon being used by the client or its counterparty are transferred to the loan portfolio.

Loans pledged as collateral, are recognized as restricted credit loans.

**INFONAVIT Portfolio-**

The portfolio under extension includes housing credits originated by the National Workers Housing Fund Institute (INFONAVIT) acquired by the entities, and that, under the terms of the INFONAVIT Law, have any extension in force in the payment of the amortization for capital and ordinary interest, at the end of the extension, the portfolio will receive the corresponding treatment of: Ordinary Amortization Regimen (ROA) or Special Amortization Regimen (REA), provided that the entity is contractually obliged to respect said extension under the same terms as the reference agencies.

(Continued)

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REA is the form of payment to INFONAVIT of credits whose rights were acquired by the Bank, provided for by the INFONAVIT issued by the Board of Directors of INFONAVIT, which indicate the methodology to make payments on such credits.

ROA is the form of payment to INFONAVIT of credits whose rights were acquired by the Bank, whereby it is agreed that the workers make payments on their credits through salary discounts made by the employer, entity or office.

***Past-due loans and interest-***

Outstanding loans and interest balances are classified as past-due according to the following criteria:

1. Knowledge that the borrower has filed for bankruptcy, under the Bankruptcy Law.

An exemption exist from the rule mentioned for those loans that continue receiving payment in terms of the Bankruptcy Law under section VIII of article 43, as well as those loans granted under article 75, in relation to sections II and III of article 224 of the mentioned Law, however, if incurred in one of the cases provided in the following numeral 2, they will be recorded as past-due loan portfolio.

2. Its installments have not been fully settled on the terms originally agreed, considering the following:
  - a) If the debts consist in loans with a single payment of principal and interest at maturity, and have 30 or more calendar past-due days;
  - b) If the debts refer to loans with a single payment of principal at maturity and periodic payments of interest, and the related interest payment has 90 or more calendar past-due days, or principal has 30 or more calendar past-due days;
  - c) If debts consist of loans with principal and interest periodic partial payments, including mortgage loans, have 90 or more calendar past-due days;
  - d) If debts consist of revolving loans, and unpaid for two monthly normal billing periods or, where the billing period is other than monthly, when have 60 or more calendar past-due days; and
  - e) Overdrafts from checking accounts of clients that has credit lines, and immediate payment notes receivable, upon occurrence of such event.

(Continued)

**Scotiabank Inverlat, S. A.,**  
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3. Regarding portfolio "in extension" and mortgage loans, when installments have not been settled in the terms originally agreed and are 90 or more days past due:
- a) Payments related to loans that the entity acquired from INFONAVIT or from the Housing Fund of the Social Security and Services Institute of the State Workers (FOVISSSTE) in accordance with the corresponding payment method (REA and ROA), as well as
  - b) Loans granted to individuals and aimed at housing remodeling or enhancement, without trading purpose and that are backed by the borrower's housing saving account.

The transfer of a loan such as those mentioned in number 3 of the preceding page to the past-due portfolio shall be subjected to an exceptional term of 180 or more days past due from the date in which:

- a) Loan resources are available for the purpose for which they were granted;
- b) The borrower starts a new job hence having a new employer, or
- c) The Bank has received a partial payment for the corresponding amortization. This exception only applies for ROA loans, and when each one of the payments made during the period represent at least 5% of the agreed amortization.

The aforementioned exceptions in sections a), b) and c), shall not be mutually exclusive.

When a loan is transferred to the past-due portfolio, accrual of interest is discontinued and record thereof is kept in memorandum accounts. Also suspending the amortization in financial income accrued in the year's results. Once collected, such interest is recognized directly in consolidated income statement under "Interest income". Recognition in consolidated income statement of interest income resumes when the portfolio ceases to be considered as past-due.

An allowance is constituted for an amount equal to the total of uncollected accrued interest corresponding to loans deemed past-due at the time the loan is transferred to the past-due portfolio. For past-due loans, which restructuring agrees to the capitalization of earned, uncollected interest previously recorded in memorandum accounts, an allowance is created for the total of such interest amount. The allowance is released when there is evidence of sustained payment.

Past-due loans are reclassified as current when the unpaid balances have been fully paid by the debtor (principal and interest, etc.), except for restructured loans or renewed, which are transferred to current portfolio when sustained payment has been made.

(Continued)



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***Sustained payments***

It is considered that there is sustained payment when the borrower shows compliance of the payment without delay for the total amount of principal and interest, for at least three consecutive amortizations of the loan payment scheme, or in the case of loans with amortizations that cover periods greater than 60 calendar days, the payment of an exhibition.

In the cases of credits that the Bank acquires from INFONAVIT, in which it is obligated to respect the terms that the reference organisms contracted with the borrowers, it is considered that there is a sustained payment of the credit, when the borrower has covered without delay the total amount payable of principal and interest, at least one amortization in credits under ROA and three amortizations for credits under REA.

In loans with periodic payments of principal and interest whose amortizations are less than or equal to 60 days in which the periodicity of payment to minor periods is modified due to the application of a restructuring, a sustained payment of the loan is considered, when the borrower shows payment of amortizations equivalent to three consecutive amortizations of the original loan scheme.

In the case of consolidated loans, if two or more loans originate the reclassification to the caption "Past-due loan portfolio", in order to determine the three consecutive amortizations required for the existence of a sustained payment, the original loan repayment scheme should be considered, whose repayments equivalent to the longer term.

Regarding loans with a single payment of principal at maturity, regardless of whether the payment of interest is periodic or at maturity, it is considered that there is a sustained payment of the loan when any of the following assumptions occur:

- a) the borrower has covered at least 20% of the original amount of the loan at the moment of the restructuring or renewal or,
- b) the amount of interest accrued under the restructuring or renewal payment scheme corresponding to a period of 90 days had been covered.

Prepayment of an amortization of restructured or renewed loan (amortization of restructured or renewed loan that have been paid without the occurrence of natural days equivalent to three consecutive amortizations of the loan amortization schedule or in the case of loans with amortization covering longer periods than 60 calendar days, the payment of an exhibition), other than those with a single payment of principal at maturity, regardless of whether the interest is paid periodically or at maturity, is not considered as a sustained payment.

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In any case, in order for the Bank to show that there is sustained payment, in addition to ensuring that the borrower complies with the guidelines for sustained payment indicated in the preceding paragraphs, it must have evidence, at the disposal of the Banking Commission, to justify that the borrower has the payment capacity at the time the restructuring or renewal takes place to respond to the new credit conditions. The minimum evidence to be obtained is outlined below:

- i. Probability of intrinsic noncompliance by the borrower,
- ii. The guarantees granted to the restructured or renewed credit,
- iii. The priority of payment against other creditors and,
- iv. The liquidity of the borrower before the new financial structure of the financing.

***Restructuring and renewals***

A loan is considered restructured when the borrower makes any of the following requests to the Bank:

- 1) Loan guarantee extension or,
- 2) Changes to the loan original conditions or payment scheme, among which are:
  - a) change in the interest rate for the remaining term of the loan contract;
  - b) change in the currency or account unit, (for example VSM (number of minimum wages) or UDI);
  - c) granting of a waiting period for the compliance of payment obligations agreed upon in the original terms of the contract, or
  - d) credit term extension.

Unless there is evidence of sustained payments, past-due loans restructured or renewed shall remain within the past-due loan portfolio.

Loans with a single payment of principal at maturity and periodic interest payments, as well as loans with a single payment of principal and interest at maturity being restructured during the term of the loan or renewed anytime shall be considered as past-due, while there is no evidence of sustained payment.

Current loans that are restructured or renewed, without at least 80% of the original loan term having elapsed, shall be deemed to be current only when the borrower had:

- i) paid the total accrued interest, and
- ii) paid the original principal loan amount at the renewal or restructuring date.

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Current loans that are restructured or renewed during the course of the final 20% of the original term of the loan will be considered as current only when the borrower had:

- i) fully paid the total interest accrued;
- ii) covered the total original loan amount which at the date of the renewal or restructuring should have been paid, and
- iii) paid 60% of the original loan amount.

Renewed or restructured loans where the borrower fails to meet the above conditions will be deemed past-due from the renewal or restructuring date until there is evidence that sustained payments are being made.

Those loans considered revolving, which have been restructured or renewed, will be considered as current when the borrower had paid off the totality of accrued interest, there are no invoicing periods past-due and there is evidence to prove the debtor's repayment capability.

Loan due and payable principal and interest amounts which, at the restructuring date, have been repaid in full and for which one or several of the following loan conditions have been changed, shall not be deemed restructured:

- i) Guarantees: only when involving the extension or replacement with better quality guarantees.
- ii) Interest rate: when the agreed-upon interest rate is improved.
- iii) Currency: provided the rate corresponding to the new currency is applied.
- iv) Payment date: only if the change does not represent exceeding or modifying the frequency of payments. In no case shall the change in the payment date enable omitting the payment in any given period.

The loan portfolio restructurings or renewals are made in compliance with the General provisions applicable to credit institutions and the viability of them is analyzed particularly.

The Bank periodically evaluates if a past-due loan should remain in the consolidated balance sheet or be written-off, provided a provision has been created for 100% of the loan amounts. Such write-off is made by cancelling the unpaid loan balance against the allowance for loan losses previously created for each loan. Any recovery derived from loans which were previously written-off is recognized in the year's results.

Write-downs, cancellations, refunds or discounts are recorded against the provision for loan losses. In case the amount of these items exceeds the provision for loan losses balance related to the loan, a charge to provision is recorded up to the amount of the difference.

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***Fees***

Fees charged for loan origination are recorded as a deferred credit, which shall be amortized against the current year results as interest income, under the linear method during the life of the loan, except those originated by revolving loans which shall be amortized over a 12-month period.

Regarding fees charged for restructurings or renewals, they shall be added to the fees that would have been originated on the basis of the previous section and recognized as deferred credit amortized against the current year results as interests income, under the linear method during the new lifetime of the loan.

In this category the fees recognized after the loan origination, those generated as part of loan maintenance or charged for loans not underwritten shall not be included. In the case of fees charged for credit card annuity, whether it be the first annuity or the followings for renewal, they shall be recognized as a deferred credit and amortized over a 12-month period against the current year results in the caption of "fees and rates charged".

Fees charged for a credit line origination not yet available shall be recognized as a deferred credit at the date, and amortized against current year's results as interest income under the linear method over a 12-month period. In the case that the credit line be canceled before the 12-month period, the balance pending to amortize shall be recognized directly in the current year's results under the caption of "fees and rates charged", at the date of cancelation of the credit line.

Fees and rates others than those charged for loan origination shall be recognized against the current year's results in the caption "fees and rates charged", at the date of accrual. In the case that one part or the full compensation received for the collection of the corresponding fee or rate be obtained before the accrual of the related income, said prepayment shall be recognized as a liability.

***Costs and expenses related to loan origination***

The costs and expenses related to loan origination are recorded as a deferred charge, which is amortized to the income statement under the caption "Interest expense" during the average term of the loans, except for origination of revolving loans, which are amortized over a period of 12 months against the expense caption that corresponds according to its nature.

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For preceding paragraph purposes, costs and expenses associated with the origination of loans, are only those that are incremental and related directly to activities performed by the entities to grant the loan, for example, credit evaluation of the debtor, evaluation and recognition of guarantees, credit terms negotiations, and closing of cancellation of the operation, including the proportional expense, based on time spent, related to employee benefits of those individuals working on such activities.

***Acquisitions of credit portfolio***

On the of portfolio acquisition date, the contractual value of the portfolio acquired must be recognized in credit portfolio, according to the type of portfolio that the originator has classified; the difference arising from the purchase price will be recorded as shown below:

- a) When the acquisition price is lower than the contractual value thereof, in the income statement under "Other operating income", for up to the amount of preventive estimate for credit risks that, if applicable, is constituted according to the indications of the following paragraph and the excess as a deferred credit, which will be amortized as the respective charges are made, according to the proportion these represent of the contractual value of the credit;
- b) When the purchase price of the portfolio is greater than the contractual value, as a deferred charge which will be amortized as the respective charges are made, according to the proportion these represent of the contractual value of the credit;
- c) When it comes from the acquisition of revolving credits, the difference will be carried directly to the income statement of the year on the acquisition date.

***(i) Allowance for loan losses-***

Allowance for loan losses represents Bank's management best estimate of probable losses inherent in the loan portfolio as well as guarantees issued and irrevocable loan commitments.

***Commercial loans-*** The allowances for the commercial loans are based on the individual assessment of the credit risk of borrowers and their classification, in accordance with the general regulations applicable to the methodology for rating of the loan portfolio of credit institutions (the "Provisions"), established by the Banking Commission. Commercial loans shall be subject to credit rating without including those loans with express warranty of Entities of the Federal Public Administration under direct budgetary control, productive State enterprises or those indicated in Section VI of Article 112 of the Provisions, in which the allowance percentage shall be equal to 0.5%.

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The Provisions use a methodology which classifies the loan portfolio into different groups: in states and municipalities, investment projects with own source of payment, trustees acting under trusts, financial institutions and corporations and individuals with business activity not included in the aforementioned groups; the last group must be divided into two subgroups: corporations and individuals with business activity with annual net sales or revenues greater than 14 million UDIS and less than 14 million UDIS. For purposes of rating projects with own source of payment, the Provisions establish that the rating is calculated using risk analysis of the investment project according to their stage of construction or operation, and through the extra cost of labor and cash flows of the project. For other groups, expected loss methodology is established for credit risk, considering the probability of default, loss given default and exposure at default.

For the loan portfolio granted to corporations and individuals with business activity, with annual net revenues or sales equivalent or higher than 14 million UDIS, the Bank uses the methodology set on Appendix 22 of the Provisions issued by Banking Commission.

Loan portfolio granted to corporations and individuals with business activity, with annual net revenues or sales less than 14 million UDIS, is credit rated through the application of methodology set forth on Appendix 21 of the Provisions. For financial institutions loans, the methodology set forth on Appendix 20 of the Provisions is used, which establishes the concept of probability of default, loss severity and exposure at default.

The estimates carried out at December 31, 2018 and 2017, were determined based on the risk levels and allowance percentage according to the following table:

<b><u>Grade of risk</u></b>	<b><u>Range of allowance percentages</u></b>
A1	0.000 – 0.90%
A2	0.901 – 1.5%
B1	1.501 – 2.0%
B2	2.001 – 2.50%
B3	2.501 – 5.0%
C1	5.001 – 10.0%
C2	10.001 – 15.5%
D	15.501 – 45.0%
E	Higher than 45.0%

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***Mortgage loans including those originated and acquired from INFONAVIT-***

Allowance for loans losses of mortgage loans is determined using the corresponding balances as of the last day of each month. Furthermore, factors such as the following are taken into consideration: (i) amount payable; (ii) payment made; (iii) house value; (iv) outstanding loan balance; (v) days of delinquency; (vi) loan denomination; and (vii) file documentation. Additionally, for the loans acquired from INFONAVIT, factors, such as viii) ROA, ix) REA and x) PRO, are considered. The total amount to reserve for each assessed loan is the result of multiplying the probability of default for the loss given default and exposure at default.

In determining the loss given default the loan recovery rate components is used, which is affected if the loan has a guarantee trust or judicial agreement, classifying by regions at the federal boroughs in which such courts reside.

The risk grades and percentages of allowance for loan losses on December 31, 2018 and 2017, are as shown below:

<b><u>Grade of risk</u></b>	<b><u>Range of allowance percentages</u></b>	
A1	0.000	0.50%
A2	0.501	0.75%
B1	0.751	1.00%
B2	1.001	1.50%
B3	1.501	2.00%
C1	2.001	5.00%
C2	5.001	10.00%
D	10.001	40.00%
E	40.001	100.00%

***Consumer loans-***

To calculate the allowance, the consumer loan portfolio is segregated into two groups: a) credit card transactions and other revolving loans, and b) non-revolving loans. The allowance for losses regarding credit card and other revolving loans is calculated on a loan by loan basis, using the figures of the latest known payment period of each loan and other revolving loan and considering the following factors: i) balance due, ii) payment made, iii) credit line, iv) minimum payment requirement, v) payment default, vi) amount payable to the Institution, vii) amount due reported to credit information institutions as well as, viii) borrower's seniority in the Bank.

In addition, the calculation of allowance for loan losses corresponding to the non-revolving consumer loan portfolio takes into account the following: (i) amount due, (ii) payment made, (iii) days past due, (iv) total term, (v) remaining term, (vi) original loan amount, (vii) original value of the asset, (viii) loan balance and (ix) credit type.

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The risk grades and percentages of provision for loan losses at December 31, 2018 and 2017, are shown as follows:

<u>Grade of risk</u>	<b>Ranges of allowance percentages</b>			
	<u>Non-revolving</u>		<u>Credit cards and other revolving loans</u>	
A1	0.00	2.0%	0.00	3.00%
A2	2.01	3.0%	3.01	5.00%
B1	3.01	4.0%	5.01	6.50%
B2	4.01	5.0%	6.51	8.00%
B3	5.01	6.0%	8.01	10.00%
C1	6.01	8.0%	10.01	15.00%
C2	8.01	15.0%	15.01	35.00%
D	15.01	35.0%	35.01	75.00%
E	35.01	100.0%	Higher than	75.01%

*Impaired loan portfolio* – For consolidated financial statement disclosure purposes, the Bank considers impaired loans to those commercial loans for which it is determined that there is a considerable probability that they could not be recovered in full, without giving consideration to improvements in risk levels resulting from the secured portion of the loan, as are loans that, although current, result from negotiations in which a forgiveness, reduction or settlement was authorized at the end of the agreed-upon term, and loans payable by individuals classified as undesirable customers.

*Additional identified reserves*– Are established for those loans, which in management’s opinion, may give cause for concern in the future given the particular situation of the customer, the industry or the economy. Furthermore, it includes estimates for items such as normal interest earned but not collected and other items which realization is considered to result in a loss to the Bank, as well as reserves maintained as prescribed by regulations.

*Write-offs* - The Bank has policies of write-offs for consumer and residential mortgages loans, according to established terms (6 and 35 months, respectively) that determine the practical impossibility of recovery; the write-offs cancel the loan balance against the allowance for loan losses previously recorded. When the loan to be written-off exceeds the balance of its related allowance, before making the write-off, the allowance should be increased up to the amount of the difference. Any amount recovered from previously written-off loans is recognized in income.

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**(j) Credit card loyalty program-**

Based on paragraph 3 of criterion A-4 "Supplementary Application of Accounting Criteria", issued by the Banking Commission, the Bank had adopted until December 31, 2017, the International Financial Reporting Interpretations Committee "IFRIC13" "Customer loyalty program". Beginning on January 1, 2018, IFRS 15 "Revenue from contracts with customers" incorporates revenue recognition of loyalty programs with customers, and so, IFRIC13 is superseded. According to IFRS 15, a portion of revenue from exchange fees is deferred until the point of time when obligations are entitled, that is to say, when the deliverance of the rewards to which customers are entitled are incurred and amortized to income once that obligation is satisfied.

**(k) Other accounts receivable-**

Collection rights and the accounts receivable related to debts, as well as the loans to officers and employees until December 31, 2017, whose maturity is agreed from origin to more than 90 calendar days term are evaluated by the Bank's management to determine the estimated recoverable amount and, as required, to create the corresponding allowance. The balances of other debit items are recorded into the income statement 90 days after their initial recording, if they correspond identified items and 60 days if the balances are unidentified, regardless of their chance of recovery, except for tax-related (VAT included) balances.

In cases where the amount receivable is not realized within 90 calendar days following the date at which they were booked in clearing accounts, they are recorded as past-due and a provision is booked for the total amount.

Overdrafts on checking accounts of customers, which do not have a loan facility for such purposes, shall be classified as past-due debts and credit institutions must simultaneously create a reserve for such classification for the total amount of the overdraft at the time when such event occurs.

**(l) Securitization transactions-**

Until July 25, 2018, the residual benefits on the securitization transactions are recognized in caption "Benefits receivable on securitization transactions" and are marked to market. Valuation adjustments are recognized in income under "Other operating income". Subsequent recoveries related to benefits to be received, are directly applied against the balance of such benefits.

Until July 25, 2018, the Trust where the securitization is recorded is not consolidated with the Bank in accordance with the established in paragraph 21 of transitory dispositions of accounting criteria C-5 "Consolidation of specific purpose entities" issued by the Banking Commission on September 19, 2008 (see note 11).

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***(m) Foreclosed assets or assets received in lieu of payment-***

Foreclosed assets are recorded on the date the admission order of the judicial sale by which the foreclosure was decreed, became final and conclusive and is immediately available for execution.

Assets received in lieu of payment are recorded on the date the deed of payment, or that on which the transfer of title to the asset is formally executed.

The accounting recognition of a foreclosed assets considers the value of the tangible asset (at the lower of cost or fair value less strictly necessary costs and expenses incurred for foreclosure), as well as the net value of the asset arising the foreclosure. When the net value of the asset arising the foreclosure exceeds the value of the foreclosed asset, the loss is recognized in consolidated income statement caption "Other operating income". Otherwise, the value of the foreclosed asset is adjusted to the net value of the asset.

The value of the asset originating the foreclosure and the relevant loan loss allowance set up as of that date are derecognized from the consolidated balance sheet.

Foreclosed assets and promised for sale are restricted to their carrying value; collections received on account of the asset are recorded as a liability. On the date of sale the resulting gain or loss is recognized in the consolidated income statement caption "Other operating income".

Reductions in the value of foreclosed assets are valued according to the type of asset concerned, recording such valuation in the consolidated income statement caption "Other operating income" The Bank creates additional provisions that acknowledge signs of impairment from potential value losses over time in foreclosed assets in the year's results of operations under "Other operating income", which are determined by multiplying the reserve percentage applicable by the value of the foreclosed assets, based on the provisions of foreclosed assets or assets received in payment methodology of the Banking Commission, as show on the next page.

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<b>Months elapsed from the date of foreclosure or received in lieu of payment</b>	<b>Reserve percentage</b>	
	<b>Real estate</b>	<b>Receivables, furniture, and equipment and investment securities</b>
Over 6	0%	0%
More than 6 to 12	0%	10%
More than 12 to 18	10%	20%
More than 18 to 24	10%	45%
More than 24 to 30	15%	60%
More than 30 to 36	25%	100%
More than 36 to 42	30%	100%
More than 42 to 48	35%	100%
More than 48 to 54	40%	100%
More than 54 to 60	50%	100%
<u>More than 60</u>	<u>100%</u>	<u>100%</u>

**(n) Premises, furniture and equipment-**

Premises, furniture and equipment are recorded at acquisition cost. Those assets acquired before December 31, 2007 were adjusted by using factors based on the UDI value from the date of acquisition through that date, which recognition of the effects of inflation on the financial information was suspended according to the MFRS. The components acquired in foreign currency are recorded at the historical exchange rate, that is, the exchange rates in force on the date the asset was acquired.

Depreciation is calculated using the straight-line method, based on the estimated useful lives by the Bank's management of the corresponding assets.

Depreciation amount of premises, furniture and equipment is determined by subtracting the residual value and, as applicable, the cumulative impairment losses from the acquisition cost. The Bank periodically evaluates premises, furniture and equipment residual values to determine amounts to be depreciated.

The Bank evaluates periodically the net book values of premises, furniture and equipment, to determine whether there is an indication that these values exceed their recoverable amount. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to future net revenues expected to be generated by the asset. If the net book value of an asset exceeds its recoverable amount, an impairment charge is recognized in the amount by which the carrying amount of the asset exceeds the fair value of the asset.

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**(o) Available-for-sale long-term assets-**

Long-term assets are classified as available for sale if all the requirements listed below are met:

- a) The approving department of the Bank has formally committed to a sales plan.
- b) Assets are available for its immediate realization, in its current condition, subject exclusively to the usual and customary terms for the sale of those assets and its sale is highly probable.
- c) Actions to find a client and other activities to execute the sales plan are initiated. If no client has been found, it has been identified a potential market, at least.
- d) It is expected that the sales plan will be executed in a less than a year term. This requirement is not applicable for those cases where the Bank holds agreements that are in substance purchase options and sale and lease back agreements. An extension to the less than a year period to conclude the sale does not impede the available for sale classification of the asset, as long as the delay is caused for facts and circumstances out of the control of the Bank, and there is sufficient evidence that the Bank is still committed to a sales plan to dispose the asset.
- e) There is an adequate estimate of the price of the asset or group of assets.
- f) Significant changes or cancellation of the original sales plan are not probable.

Available for sale long term assets that met the mentioned criteria, are valued as of the date of approval of the sales plan at the net book value or at the net sales price, the lowest. Impairment loss must be recognized in the income statement of the year, as applicable.

**(p) Permanent investments-**

The permanent investments where there is no control, joint control or significant influence exists are classified as other investments, which are initially recognized and maintained at acquisition cost. Dividends, if any, received from these investments are recognized in consolidated statement of income caption "Other operating income", except if these relate to periods prior to the acquisition, in which case are decreased from the permanent investment.

**(q) Other assets-**

This caption includes mainly the intangible assets that relate to internally developed software, which costs are capitalized and amortized against the results of operations for the year in which the software is ready to operate, using the straight-line method over the estimated useful life as determined by the Bank.

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In case of any indication of impairment, the potential impairment loss is determined, and if the net carrying value exceeds the recoverable amount the asset value is written down and the impairment loss is recognized in the results of operations for the year.

Furthermore, in this caption, the projected net assets of the defined benefit plan are recognized and are recorded up to the amount of the plan asset ceiling, in accordance with the provisions of MFRS D-3 "Employee benefits". The excess of non-reimbursable resources provided by the Bank to cover employee benefits are recognized as restricted cash and cash equivalents under the caption "Cash and cash equivalents" (see notes 6 and 17).

**(r) Income taxes and employee statutory profit sharing (ESPS)-**

The income taxes and ESPS (until December 31, 2017) payable for the year are determined in conformity with the applicable tax provisions.

Income taxes payable are presented as liability in the consolidated balance sheet; when the tax prepayments exceed the income tax payable, the difference corresponds to an account receivable.

Deferred income taxes and deferred ESPS are accounted for under the asset and liability method. Deferred taxes and ESPS assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases, and in the case of IT for operating loss carryforwards. Deferred tax and ESPS assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred ESPS and taxes assets and liabilities of a change in tax rates is recognized in results of operations for the period enacted.

The deferred income tax asset is periodically valuated creating, where appropriate, valuation allowance for those temporary differences which might exist an uncertain recovery.

Current and deferred ESPS (until December 31, 2017) is presented in the caption "Administrative and promotional expenses", in the consolidated statement of income.

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**(s) Capital leases-**

Capital leases transactions are recorded as an asset with its corresponding liability for the equivalent at the lower of the present value of minimum lease payments and the market value of the leased asset. The difference between the face value of minimum lease payments and the obligation mentioned above, is recorded during the lease period in the consolidated income statement under the caption "Other operating income". The asset is depreciated in the same way as other assets held in property when it is certain that at the end of the lease contract ownership of the leased asset is transferred, otherwise these are depreciated over the term of the contract.

**(t) Deposit funding-**

This caption comprises demand and time deposits of the general public, including money market funding, the placement of debt certificates and bank bonds and the global account of deposits without movements. Interest is charged to expense on an accruals basis under "Interest expense". For instruments sold at a value different to their face value, the difference is recognized as a deferred charge or credit and amortized on a straight-line basis over the term of the respective instrument.

**(u) Provisions-**

Based on management's estimates, the Bank recognizes accruals for present obligations where the transfer of assets or the rendering of services is probable and arises as a consequence of past events.

**(v) Bank and other borrowings-**

Bank and other borrowings comprise short and long-term loans from domestic and foreign banks, loans obtained through credit auctions with the Central Bank and development fund financing. In addition, this caption includes discounted borrowings with agencies specializing in financing economic, production or development activities. Interest is recognized on an accrual basis under the caption "Interest expense".

**(w) Employees' benefits-**

**Short-term direct benefits**

As of November 15, 2018 (date on when the employer substitution with SECOSA was effective, see note 1), short-term direct employee benefits were recognized in income of the period in which the services rendered are accrued. A liability is recognized for the amount expected to be paid if the Bank has a legal or assumed obligation to pay this amount as a result of past services provided and the obligation can be reasonably estimated.

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**Long-term direct benefits**

The Bank's net obligation in relation to direct long-term benefits, and which the Bank is expected to pay at least twelve months after the date of the most recent consolidated balance sheet presented, is the amount of future benefits that retired employees have obtained in exchange for their service in the previous periods. This benefit is discounted to its present value. Remeasurements are recognized in the results as accrued.

**Termination benefits**

Until November 15, 2018, the Bank recognized a liability for termination benefits along with a cost or expense when the Bank had no realistic alternative other than to make the corresponding payments or when the offer of these benefits could not be withdrawn or when the conditions that require the recognition of restructuring costs were met, whichever occurred first. If benefits were not expected to be settled wholly within twelve months after the date of the most recent balance sheet presented, then they were discounted.

**Defined contribution plans**

The Bank recognized until November 15, 2018, a defined contribution pension plan, where the amounts contributed by the Bank were recognized directly as expenses in the consolidated statement of income under "Administrative and promotional expenses" (see note 17).

**Defined benefit plans**

In addition, the Bank had a defined benefit plan in place that covered the seniority premiums and legal compensation to which active employees until November 15, 2018 were entitled in accordance with the Federal Labor Law. Effective November 16, 2018, the Bank only maintains a defined benefits plan for pension of the retired personnel, as well as obligations related to corresponding to plans medical benefits, food coupons and life insurance for retirees.

Irrevocable trusts have been established for pension and other post-retirement benefits plans to manage the respective plan funds and assets of retirees and until November 15, 2018 of the active employee funds, except for severance compensation.

The obligations for defined benefit plans are calculated annually by actuaries using the projected unit credit method. When the calculation results in a possible asset for the Bank, the recognized asset is limited to the present value of the economic benefits available in the form of future refunds of the plan or reductions in future contributions thereto. To calculate the present value of economic benefits, any minimum financing requirement should be considered.

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The labor cost of current service, which represents the periodic cost of retirees for having completed one more year of working life based on the benefit plans, is recognized in administrative and promotional expenses. The Bank determines the net interest expense (income) on the net defined benefit liability (asset) for the period by multiplying the discount rate used to measure the defined benefit obligation by the beginning balance of the net defined benefit liability (asset), taking into account any changes in the net defined benefit liability (asset) during the period as a result of estimates of contributions and benefit payments..

Modifications to the plans that affect past service cost are recognized in income immediately in the year the modification occurs, with no possibility of deferral in subsequent years. Furthermore, the effects of events of liquidation or reduction of obligations in the period that significantly reduce future service cost and/or significantly reduce the population eligible for benefits, are recognized in income of the period.

Remeasurements resulting from differences between the projected and actual actuarial assumptions at the end of the period, are recognized when incurred as part of OCI within stockholder's equity and is subsequently recycled to the results of the period, based on the average remaining working life of the retired personnel.

According to the resolution published on December 31, 2015 by the Banking Commission, modifications to the plans and remeasurements accumulated until December 31, 2015, are gradually recognized during five years that conclude in 2020, however, derived from the employer substitution with SECOSA, plan modifications and remeasurements to be recognized until November 15, 2018 for active employees, are recognized in the income statement of the year (see note 17).

**(x) Subordinated debt issued-**

The subordinated debt is recorded at contractual value and the interest are recognized on accrual basis in the consolidated income statement under the caption "Interest expense".

**(y) Revenue recognition-**

Interest on loans granted including the interbank loans fixed to a term less than or equal to three business days, is recorded in income as earned. Interest on past-due loans is recognized in income upon collection.

The interest collected in advance, origination loan fees and credit card annual fees are recorded within "Deferred credits and prepayments", and applied to the year's results of operations in "Interest income" and "Commission and fee income", respectively, as accrued, in the term of the loan (12 months for credit cards), as applicable.

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The commissions from assets in custody or under management are recognized in income as accrued in "Commission and fee income".

Fees on trust transactions are recognized in income as accrued in "Commission and fee income". Such revenues are not accrued when fees are 90 or more calendar days past-due, and are recorded in memorandum accounts. When accrued revenues are collected, they are reported directly in income for the year.

Fees for restructured or renewed loans are recorded as deferred credits and amortized against the results of operations for the year in "Interest income" using the straight-line method during the new term of the loan.

Income from commissions collected on transactions in the derivative market are recorded in the consolidated statements of income as the service is provided under the caption "Commission and fee income".

Income from leasing is recognized in results as accrued.

**(z) Foreign currency transactions-**

Foreign currency transactions are recognized at the exchange rate prevailing on the date of execution, for consolidated financial statement presentation purposes. In the cases of currencies other than dollars are translated into dollars at the exchange rates as established the Provisions applicable to credit institutions, and the dollar equivalent, together with dollar balances, are then translated into Mexican pesos using the exchange rate determined by the Central Bank.

Foreign exchange gains and losses are reflected in results of operations for the year. At the year-end close date of the consolidated financial statements, foreign currency monetary assets and liabilities are translated into pesos at the FIX exchange rate published by Central Bank, while foreign exchange gains or losses arising from foreign currency translation are recorded in the results of operations for the originating period.

**(aa) Contributions to IPAB-**

Among other provisions, the Bank Savings Protection Law created the IPAB, whose purpose is to establish a system to protect the savings of the public and regulate the financial support granted to banking institutions in order to comply with this objective.

According to the Law, IPAB guarantees depositors' accounts up to 400,000 UDIS by individual, corporation or credit institution. The contributions to IPAB are recorded in income statement within the caption "Administrative and promotional expenses".

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***(ab) Memorandum accounts-***

Memorandum accounts corresponds mainly to assets in custody or management and trust transactions.

Client's values held in custody, guarantee or under management, are recorded in the corresponding memorandum accounts in accordance with the accounting criteria established by the Banking Commission, and represent the maximum expected amount at which the Bank is obliged to respond to its clients.

The amounts of the assets in custody or under management are presented in the caption "Assets in custody or under management", while the trust transactions are presented in the caption "Assets in trust or under mandate".

***(ac) Contingencies-***

Liabilities or important losses related to contingencies are recorded when it is probable that a liability has been incurred and the amount thereof can be reasonably estimated. When a reasonable estimation cannot be made, qualitative disclosure is provided in the notes to the consolidated financial statements. Contingent income, earnings or assets are not recognized until their realization is assured.

***(4) Accounting changes-***

***2018 accounting changes-***

***(a) Changes in the Provisions of the Banking Commission-***

On December 27, 2017, various modifications to the Accounting Criteria were published in the Official Federal Gazette. According to such issuance, modifications will be effective on January 1, 2019, early adoption is allowed on January 1, 2018 for the following Criterion:

Accounting Criterion B-6 "Loan portfolio" and D-2 "Income statement"

Accounting Criteria applicable is modified to allow credit institutions to offset, in the occurrence period, excess in the balance of the allowance for loan losses, as well as to recognize the recovery of loans previously written-off against the caption "Allowance for loan losses" in the consolidated income statement.

Derived from the resolution mentioned in the preceding paragraph, the Bank early adopted the criterion described on January 1, 2018.

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**(b) 2018 MFRS Revisions-**

In December 2017, the CINIF issued the document referred to as "2018 MFRS Revisions", which contains precise modifications to some current MFRS. MFRS Revisions mentioned below that entered into force for the years beginning after January 1, 2018 did not generate important effects in the consolidated financial statements of the Bank:

- MFRS B-10 "Inflation effects"
- MFRS C-6 "Property plant and equipment" and MFRS C-8 "Intangible assets"
- MFRS C-14 "Transfer and derecognition of financial assets"

**Reclassification-**

The consolidated income statement for the year ended December 31, 2017 was reclassified in accordance to the early adoption of the Accounting Criterion B-6 "Loan portfolio" and D-2 "Income statement", to conform it to the presentation used in the consolidated income statement for the year ended December 31, 2018, as shown below:

	<b>Figures previously reported</b>	<b>Accounting change</b>	<b>Reclassified figures</b>
Allowance for loan losses	\$ (4,015)	328	(3,687)
Commissions and fee income	4,160	284	4,444
Other operating income	2,377	(612)	1,765

In addition, derived of the modifications described, the consolidated statement of cash flow for the year ended December 31, 2017 was reclassified, to conform it to the presentation used in the consolidated financial statements as of and for the year ended December 31, 2018.

**(5) Foreign currency position-**

Central Bank regulations require that banks maintain balanced positions in foreign currencies within certain limits. The (short or long) position permitted by the Central Bank is equal to a maximum of 15% of the basic capital computed as of the third immediately preceding quarter. As of December 31, 2018 and 2017, the Bank's position is within the authorized limits. The foreign currency position is analyzed as follows:

	<b>Millions of dollars</b>		<b>Equivalent in pesos</b>	
	<b>2018</b>	<b>2017</b>	<b>2018</b>	<b>2017</b>
Assets	4,541	4,321	\$ 89,236	84,963
Liabilities	(4,497)	(4,294)	(88,371)	(84,432)
<b>Long position</b>	<b>44</b>	<b>27</b>	<b>\$ 865</b>	<b>531</b>

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At December 31, 2018, the position in foreign currency consists of 94.41% in U.S. dollars (88.24% in 2017) and 5.59% in other foreign currencies (11.76% in 2017).

The exchange rate relative to the U.S. dollar at December 31, 2018 and 2017, was \$19.6512 pesos per dollar and \$19.6629 pesos per dollar, respectively, and on the authorization issuance date of the accompanying consolidated financial statements, was \$19.2607 pesos per dollar.

**(6) Cash and cash equivalents-**

Cash and cash equivalents at December 31, 2018 and 2017 are as shown below:

	<b>2018</b>	<b>2017</b>
Cash in hand	\$ 6,902	6,189
Banks:		
Domestic	7,298	1,473
Foreign	12,974	8,004
Call money with maturity term of less than four days	6,502	3,652
24, 48, 72 and 96-hour foreign currency sales	(3,381)	-
Other funds available (due on demand)	6	3
Restricted cash:		
Excess of maximum obligation for employee benefits	-	235
Compensation fund to operate derivatives	587	720
Deposits with the Central Bank	11,579	11,575
24, 48, 72 and 96-hour foreign currency purchases	3,441	-
	<b>\$ 45,908</b>	<b>31,851</b>

As of December 31, 2018 and 2017, deposits in the Central Bank correspond to monetary regulation deposits for \$11,566, in both years, which have no defined maturity date, for what the Central Bank will inform in advance the date and the procedure for the withdrawal of the funds. The interest generated by deposits in the Central Bank at December 31, 2018 and 2017, were \$13 and \$9, respectively.

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The provisions in force issued by the Central Bank for the monetary regulation deposit, which may be comprised of cash, securities or both, at December 31, 2018 and 2017, the Bank keeps Reportable Monetary Regulation Bonds (BREMS-R) that amount to \$3,092 and \$3,091, respectively, which are part of the monetary regulation deposit (see note 7a).

At December 31, 2018 the Bank had an asset (liability) balance for foreign currency purchase and sale transactions payable at a later date than the date agreed for \$3,311 and (\$3,367), respectively, (\$4,684 and (\$3,993), respectively, at December 31, 2017), which were recognized in settlement accounts within "Other accounts receivable, net" and "Creditors on settlement of transactions", as appropriate.

At December 31, 2018 and 2017, the Bank had the following "call money" with maturity terms minor or equal to four days:

	2018			2017		
	Amount	Annual rate	Term	Amount	Annual rate	Term
HSBC México, S. A.	\$ 2,001	8.25%	2 días	2,001	7.25%	4 días
Banco Nacional de Obras y Servicios Públicos, S. N. C.	2,000	8.25%	2 días	-	-	-
Nacional Financiera S. N. C.	2,501	8.25%	2 días	1,501	7.25%	4 días
Industrial and Commercial Bank of China México, S. A.	-	-	-	150	7.25%	4 días
	<b>\$ 6,502</b>			<b>3,652</b>		

At December 31, 2018 and 2017, foreign currency receivable and deliverable equivalent in pesos in connection with the purchases and sales to be settled within 24, 48, 72 and 96 hours are as follows:

		Receivable in pesos		Deliverable in pesos	
		2018	2017	2018	2017
Dollar	\$	3,373	5,432	(3,317)	(5,680)
Other currencies		68	160	(64)	(98)
	<b>\$</b>	<b>3,441</b>	<b>5,592</b>	<b>(3,381)</b>	<b>(5,778)</b>

According to the Accounting Criteria, when the offset balance of the foreign currency to be delivered is greater than the foreign currency to be received, this balance is presented within the caption "Sundry creditors and other accounts payable". As of December 31, 2017, the net balance of \$(186), is presented within the mentioned caption.

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At December 31, 2018 and 2017, earnings from operations of buy/sell currencies amounted to \$1,078 and \$351, respectively, also, the valuation result amounts to \$351 in 2018 and \$1,973 in 2017, which are recorded under the "Financial intermediation income" caption.

**(7) Investment securities-**

**(a)** At December 31, 2018 and 2017, the Bank's investment securities at fair value, except held to maturity, are as follows:

	<b>2018</b>	<b>2017</b>
<u>Trading securities:</u>		
Debt securities:		
Government securities	\$ 19,763	5,496
Bank promissory notes	-	643
Equity shares	1,044	450
Total trading securities	20,807	6,589
<u>Available-for-sale securities:</u>		
Debt securities:		
Government securities	24,473	37,845
Bank promissory notes	12,537	6,503
Others	1,433	336
Total available-for-sale securities	38,443	44,684
<u>Held-to-maturity securities:</u>		
Special CETES	1,712	1,587
Bonds	3,092	3,091
Total held-to-maturity securities	\$ 4,804	4,678
<b>Total investment securities</b>	<b>\$ 64,054</b>	<b>55,951</b>

At December 31, 2018 and 2017, the fair value of the securities classified as trading, available-for-sale and held-to-maturity are analyzed in the following pages.

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	2018	2017
<i>Trading securities:</i>		
<i>Government securities (restricted):</i>		
<i>Repurchase/resell agreements:</i>		
LD BONDESD	\$ 11,695	3,338
IM BPAG	1,705	21
IS BPA	1,419	217
BI CETES	1,127	387
IQ BPAG	988	829
S UDIBONO	355	3
M BONOS	200	454
	17,489	5,249
<i>Value date purchases:</i>		
BI CETES	1,675	4
LD BONDESD	390	-
M BONOS	209	243
	2,274	247
Total government securities	19,763	5,496
<i>Bank promissory notes (restricted):</i>		
<i>Repurchase/resell agreements:</i>		
BANOBRA- PRLV	-	643
Total bank promissory notes	-	643
<i>Equity shares (unrestricted):</i>		
51 SCOTIAG	1,038	435
1I XLF	4	-
1 GSANBORB	2	-
1A FCX	-	3
1A TX	-	2
1I EWZ	-	6
1I GXG	-	2
1I TWM	-	2
Total equity shares	1,044	450
<b>Total trading securities</b>	<b>\$ 20,807</b>	<b>6,589</b>

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	<b>2018</b>	<b>2017</b>
<i>Available-for-sale securities:</i>		
<i>Debt securities:</i>		
<i>Domestic government securities:</i>		
LD BONDESD	\$ 5,926	5,171
95 FEFA	186	186
BI CETES	-	3,408
	<u>6,112</u>	<u>8,765</u>
<i>Foreign government securities:</i>		
DI BRAZE97	212	225
TBILN51	-	3,930
TBILC15	-	1,475
	<u>212</u>	<u>5,630</u>
<i>Restricted securities:</i>		
<i>Under repurchase/resell agreements:</i>		
LD BONDESD	16,087	21,437
M BONOS	1,466	1,687
S UDIBONO	596	318
BI CETES	-	8
	<u>18,149</u>	<u>23,450</u>
Total government securities	<u>24,473</u>	<u>37,845</u>
<i>Bank promissory notes:</i>		
<i>Own position:</i>		
I BANSAN	8,514	6,503
F BANORTE	4,023	-
Total bank promissory notes	<u>12,537</u>	<u>6,503</u>
<i>Other:</i>		
<i>Own position:</i>		
D1 NAFIA	351	-
91 GMFIN	302	-
JI CABEI	300	100
D1 UMS	197	-
91 UFIN	171	200
91 ENCAP	77	-
91 UNFIN	35	36
Total other	<u>1,433</u>	<u>336</u>
<b>Total available-for-sale securities</b>	<b>\$ 38,443</b>	<b>44,684</b>

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	<b>Maturity date</b>	<b>2018</b>	<b>2017</b>
<u>Held-to-maturity securities:</u>			
Government securities (special CETES*):			
CETES B4 270701	01-jul-2027	\$ 1,263	1,171
CETES B4 220804	04-aug-2022	2	2
CETES B4 220707	07-jul-2022	447	414
Total special CETES		1,712	1,587
BONOS XR BREMSR (restricted, note 6)		3,092	3,091
<b>Total held-to-maturity securities</b>		<b>\$ 4,804</b>	<b>4,678</b>

\* Corresponds to special CETES held by the Bank derived from support programs for debtors of mortgage loans, signed on July 15 and 16, 2010 with the Federal Government.

At December 31, 2018 and 2017, BREMS-R amounts to \$3,092 and \$3,091, respectively and are classified as securities held-to-maturity. The amount of these securities is part of monetary regulation deposit, thus these instruments may only be decreased as the monetary regulation deposit in cash increases.

As of December 31, 2018, the Bank held assets (liabilities) balance for transactions with securities settled on a date subsequent to the agreed-upon date for \$179 and \$(2,426) (\$419 and \$(247) as of December 31, 2017), which were recognized in settlement accounts within "Other accounts receivable, net" and "Creditors on settlement of transactions", as appropriate.

The valuation result from available-for-sale securities as of December 31, 2018, recognized in other comprehensive income within stockholders' equity amounted to \$37 less deferred income tax for \$(11) and deferred ESPS for (\$3); (\$55 less deferred income tax for \$(16) and deferred ESPS for \$(5) as of December 31, 2017). The valuation result from securities available for sale in hedge transactions at fair value recognized in income statement for the years ended December 31, 2018 is \$1, and in 2017 the effect is zero.

For the years ended December 31, 2018 and 2017, the net gains from interest income, gains or losses from purchase and sale transactions, and valuation income from investments in securities are as follows:

	<b>2018</b>	<b>2017</b>
Trading	\$ 879	583
Available-for-sale	2,551	2,436
Held-to-maturity	366	340

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- (b) At December 31, 2018 and 2017, the fair value of the securities classified as traded securities to be settled are analyzed as follows:

	<b>2018</b>	<b>2017</b>
<u>Traded securities to be settled:</u>		
<i>Value date sales:</i>		
<i>Government securities:</i>		
BI CETES	\$ (30)	-
M BONOS	(137)	(419)
<b>Traded securities to be settled, unrestricted securities</b>	<b>\$ (167)</b>	<b>(419)</b>

(c) **Issuers over 5% of the Bank's net capital-**

At December 31, 2018 and 2017 investment in non-governmental debt securities and exceeding 5% of the Bank's net capital are analyzed as follows:

Issuer	Series	Number of securities	Annual average rate	Term	Amount
<b>2018</b>					
BANORTE	18011	40,000,000	8.36%	3	\$ 4,023
BANSAN	19011	8,527,105,535	8.20%	14	8,514
		8,567,105,535			12,537
<b>2017</b>					
BANSAN	18012	6,505,236,129	7.25%	4	\$ 6,503

(8) **Securities on repurchase/resell agreements-**

At December 31, 2018 and 2017, the "Debtors on repurchase/resell agreements" and "Creditors on repurchase/resell agreements" balances in which the Bank acts as repurchase or as repurchaser, are analyzed as shown on the following page.

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<b>Securities</b>		<b>Debtors on repurchase/resell agreements</b>		<b>Creditors on repurchase/resell agreements</b>	
		<b>2018</b>	<b>2017</b>	<b>2018</b>	<b>2017</b>
IQ BPAG	<b>\$</b>	-	2,001	(988)	(829)
IS BPA		4,885	500	(503)	(217)
M BONOS		2,279	2,283	(1,665)	(2,139)
BI CETES		500	-	(1,116)	(387)
LD BONDESD		2,219	26,704	(27,022)	(24,133)
CEDE		400	-	-	-
S UDIBONO		-	-	(802)	(320)
CBIC		-	100	-	-
IM BPAG		2,301	1,001	(1,706)	(21)
		<b>12,584</b>	<b>32,589</b>	<b>(33,802)</b>	<b>(28,046)</b>
Collateral sold or pledged (creditor):					
IS BPA		(4,885)	(500)	-	-
LD BONDESD		(1,617)	(17,996)	-	-
M BONOS		(2,279)	(2,001)	-	-
BI CETES		(500)	-	-	-
CBIC		-	(100)	-	-
		<b>(9,281)</b>	<b>(20,597)</b>		
<b>Debtors (creditors) on repurchase/resell agreements</b>		<b>\$ 3,303</b>	<b>11,992</b>	<b>(33,802)</b>	<b>(28,046)</b>

At December 31, 2018, the terms of resell/repurchase agreements are between 2 and 28 days (4 and 28 days at December 31, 2017) with annual weighted rates of 7% acting as repurchasee, and 8% acting as repurchaser (7% and 6% annual weighted rates in 2017).

During the years ended December 31, 2018 and 2017, premiums collected amounted to \$1,931 and \$2,293, respectively; premiums paid amounted to \$3,265 and \$3,468, respectively, and are included in the consolidated statements of income under the caption "Interest income" and "Interest expense", respectively (see note 23b).

At December 31, 2018 and 2017, the Bank did not deliver collaterals in repurchase/ resell agreements.

At December 31, 2018, the Bank kept a debit (credit) balance on repurchase/resell agreements to be settled at a subsequent date for \$8 and (\$5), respectively (\$49 and \$(48) in 2017), which were recognized within the "Other accounts receivable, net" caption and "Creditors on settlement of transactions" caption, as it corresponds.

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**(9) Derivatives-**

At December 31, 2018 and 2017, the fair value of derivative financial instruments for trading and hedging purposes, recognized under the caption "Derivatives", is analyzed as follows:

	<b>2018</b>		<b>2017</b>	
	<b>Assets</b>	<b>Liabilities</b>	<b>Assets</b>	<b>Liabilities</b>
<i>Trading purposes:</i>				
Forwards	\$ 293	344	879	472
Options	1,303	1,215	779	614
Swaps	19,307	19,899	16,560	17,241
Package of derivative instruments	-	-	261	272
	20,903	21,458	18,479	18,599
<i>Hedging purposes:</i>				
Fair value hedges	710	174	590	58
Cash flow hedges	6,019	4,790	4,525	3,826
	6,729	4,964	5,115	3,884
	<b>\$ 27,632</b>	<b>26,422</b>	<b>23,594</b>	<b>22,483</b>

The net gain for the years ended December 31, 2018 and 2017, derived from the ineffectiveness of instruments used for cash-flow hedging purposes amounted to \$11 and \$2, respectively. The effect of gain from valuation relating to the effective hedge portion at December 31, 2018, amounts to \$499 less deferred income tax for \$(156) and deferred ESPS for \$70. At December 31, 2017, the gain from valuation relating to the effective hedge portion was \$141 less deferred income tax for \$(41) and deferred ESPS for \$(14), which are presented in stockholders' equity. At December 31, 2018 and 2017, the amount of the impairment charge, of the hedging instruments amount to \$(2) and \$(1), respectively.

At December 31, 2018, the gain (loss) of cash flow hedge instruments that were reclassified from stockholders' equity to the year's results of operations within "Interest income" and "Interest expense" was \$36 and \$(270) (\$8 and \$(167) at December 31, 2017).

The net estimated effect, based on the results of January 2019 and projected to 12 months, of the accumulated ineffectiveness of hedging derivative transactions which are expected to be reclassified to consolidated statement of income during the following twelve months is \$75.

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At December 31, 2018 and 2017, the gain (loss) from valuation of fair value hedging derivatives was \$6 and \$(56), respectively; while the (loss) from valuation of the hedged item related to the hedged risk was \$(1) and \$(41), respectively.

At December 31, 2018 and 2017, the net valuation result on financial assets and liabilities related to trading derivatives amounted to \$(1,007) and \$579, respectively. These amounts include the impairment or (reversal) for credit risk in the counterparty for \$(7) and \$17, respectively. Such results are part of a synthetic strategy, with non-derivative foreign exchange purchase and sale transactions, which gains (losses) from buy/sell transactions and valuation results at December 31, 2018 amounted to \$1,146 and \$357, respectively (\$360) and \$(1,962), respectively in 2017) and are presented in "Financial intermediation income".

For the years ended December, 31 2018 and 2017, the Bank foresees that all transactions to hedge forecasted cash flows are highly likely to occur.

At December 31, 2018, the Bank has transactions settled on a date subsequent to the traded date for \$12. At December 31, 2017, the Bank had transactions settled on a date subsequent to the traded date for \$23.

The Bank may reduce or modify the market risk mainly through two activities: converting fixed to variable rate financial assets and floating-rate to fixed rate financial liabilities. Both transformations are achieved using interest rate swaps and foreign exchange swaps related to different rates of interest.

At December 31, 2018, the Bank holds a total of 216 hedge derivative contracts (197 in 2017), 131 of these agreements (132 agreements in 2017) totaling \$31,172 (\$29,175 in 2017) are classified as hedges under the cash flow methodology; the remaining contracts relate to hedges under the fair value methodology for \$17,266 (\$12,085 in 2017).

The Bank uses derivative financial instruments with the purpose of properly dealing with interest rate and exchange rate risks inherent to loan, deposit and investment on securities and on repurchase/resell agreements, all of which are characteristic of commercial banking. The most widely used instruments are interest rate and currency swaps, whereby floating rate instruments are transformed into fixed rate instruments and vice versa or assets denominated in foreign currency are translated into domestic currency or vice versa. Derivatives may be used for hedging cash flows or the economic value of various Bank assets and liabilities. There are defined control policies for the designation and continuous follow up of the effectiveness of such hedges.

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**(10) Loan portfolio-**

**(a) Classification of loan portfolio by currency-**

At December 31, 2018 and 2017, the classification of loans into current and past-due by currency (valued in local currency), is analyzed as follows:

	<b>2018</b>		<b>2017</b>	
	<b>Current</b>	<b>Past-due</b>	<b>Current</b>	<b>Past-due</b>
<b>Assets</b>				
<u>Local currency:</u>				
Business or commercial activity	\$ 122,629	3,166	105,301	2,882
Financial institutions	38,011	82	35,175	82
Government entities	9,676	-	11,163	-
Consumer loans	41,976	1,497	33,711	1,016
Medium and residential <sup>(1)</sup>	116,550	2,895	103,006	2,699
Social interest housing	121	17	138	23
Loan portfolio acquired from INFONAVIT	3,623	1	1,244	-
	<b>\$ 332,586</b>	<b>7,658</b>	<b>289,738</b>	<b>6,702</b>
<u>Foreign currency translated</u>				
Business or commercial activity	\$ 29,602	288	18,788	288
Financial institutions	42	28	89	28
Medium and residential	34	87	86	51
	<b>29,678</b>	<b>403</b>	<b>18,963</b>	<b>367</b>
	<b>\$ 362,264</b>	<b>8,061</b>	<b>308,701</b>	<b>7,069</b>
	<b>\$ 370,325</b>		<b>315,770</b>	
<b>Memorandum accounts</b>				
Loan commitments (see note 22a)		29,048		27,092
	<b>\$ 399,373</b>		<b>342,862</b>	

As of December 31, 2018 and 2017, the restricted balance of medium and residential portfolio is for \$6,479 and \$1,138, respectively (see note 16).

(1) Includes \$187 and \$215 loans denominated in UDIS, in 2018 and 2017, respectively.

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**(b) Classification of loan portfolio by economic sector-**

At December 31, 2018 and 2017, credit risk including loans, guarantees and loan commitments, classified by economic sector and the percentage of concentration are analyzed as follows:

	<b>2018</b>		<b>2017</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
Agriculture, forestry and fishing	\$ 9,456	2	9,448	3
Commerce and tourism	41,878	11	35,966	10
Construction and housing*	135,983	34	120,816	35
Manufacturing	66,378	17	53,659	16
Consumer loans	43,473	11	34,727	10
Community, social and personal services, mainly government entities	31,186	8	29,596	9
Financial, insurance and real estate services	69,460	17	57,504	17
Transportation, warehousing and communication	1,559	-	1,146	-
	<b>\$ 399,373</b>	<b>100</b>	<b>342,862</b>	<b>100</b>

\* Includes mortgage loan portfolio for \$123,328 in 2018 and \$107,247 in 2017.

**(c) Additional loan portfolio information-**

Annual weighted lending rates:

Annual weighted loan interest rates during 2018 and 2017, non-audited, were as follows:

	<b><u>2018</u></b>	<b><u>2017</u></b>
Commercial loans *	6.70%	7.78%
Personal loans	15.71%	15.52%
Credit cards	30.10%	29.50%
Residential mortgages	10.22%	9.87%

\* Includes commercial, financial and government entities loans.

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Loans rediscounted with funding:

The Mexican Government has established certain funds for the promotion and development of specific areas of the agriculture, cattle-raising, industrial and tourism sectors, which are managed by the Central Bank, Nacional Financiera S. N. C. (NAFIN), Banco Nacional de Comercio Exterior (Bancomext) and Fideicomisos Instituidos en relación con la Agricultura (FIRA) by rediscounting loans with funding. At December 31, 2018 and 2017, the amount of loans granted under these programs totaled \$9,568 and \$8,777, respectively, and the related liability is included in "Bank and other borrowings" (see note 16).

Restructured loans:

At December 31, 2018 and 2017, restructured and renewed loans are analyzed as follows:

	<b>Current loans</b>	<b>Past-due loans</b>	<b>Total</b>
<b>2018</b>			
Business or commercial activity	\$ 6,493	749	7,242
Residential mortgages	4,368	271	4,639
Consumer loans	44	69	113
	<b>\$ 10,905</b>	<b>1,089</b>	<b>11,994</b>
<b>2017</b>			
Business or commercial activity	\$ 4,534	1,072	5,606
Residential mortgages	4,978	297	5,275
Consumer loans	32	44	76
	<b>\$ 9,544</b>	<b>1,413</b>	<b>10,957</b>

During 2018 and 2017, the Bank carried out some modifications (exchange of better qualified guarantees, currency and partial payment dates) to the original terms of loans classified as commercial loans for \$1,819 and \$1,772, respectively, which were not considered restructures.

Current commercial loans restructured and renewed by the Bank during years ended December 31 2018 and 2017, which continue being current, amount to \$4,296 and \$587, respectively; for mortgage portfolio were \$275 and \$172, respectively.

During the years 2018 and 2017, the Bank recorded restructuring from past-due commercial loans which remained as past-due for \$83 and \$437, respectively. Also, in 2018 the Bank made restructure from past-due mortgages loans for \$27 (\$22 in 2017).

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The restructuring consumer loans current and past-due made by the Bank during 2018 amount to \$4 and \$7, respectively (\$18, for both current and past-due in 2017).

At December 31, 2018 and 2017 no interest capitalization was carried out.

Risk concentration:

At December 31, 2018, the Bank has 10 economic group debtors that exceeded 10% of its basic capital. The amount of funding to these groups is \$61,423 and represents 145% of the basic capital at September 2018. At December 31, 2017, the Bank had nine economic group debtors that exceeded such limit totaling \$58,553 and represented 149% of its basic capital at September 2017. The total balance of the loans granted to the three largest borrowers as of December 31, 2018 and 2017, amounts to \$28,151 and \$28,884, respectively.

*Loan portfolio acquired from INFONAVIT*

As of December 31, 2018, the analysis of the loan portfolio, current and in extension, is presented below:

<b>Type of loan</b>	<b>Current portfolio</b>	<b>Portfolio in extension<sup>(1)</sup></b>	<b>Total</b>
<b>2018</b>			
Acquired from INFONAVIT	\$ 3,578	46	3,624
<b>2017</b>			
Acquired from INFONAVIT	\$ 1,244	-	1,244

(1) Extension scheme, is the period of time during which an extension is granted to a mortgage loan to make loan payments of a result of having lost salary income.

On May 17, 2017, the Bank was selected through an auction process to acquire the co-participation rights in the origination of the credit loans denominated "Segundo Crédito (second loan)" that will be granted to INFONAVIT beneficiaries. On August 15, 2017, the Bank and INFONAVIT entered into an assignment contract to manage mortgage loans. INFONAVIT continues with management and collection of the loans assigned to the Bank, and is responsible for the actions needed to collect due loans.

At December 31, 2018 and 2017, 4,205 and 2,215 credit loans were acquired from INFONAVIT, respectively; amounting \$2,407 and \$1,221, respectively.

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As of December 31, 2018, loans acquired from INFONAVIT of the past-due portfolio amount \$1. As of December 31, 2017, there are no credit loans with 180 days past due or more that were not transferred to the past due loan portfolio, applying the exceptions according to the accounting criteria in force (ROA and REA).

As of December 31, 2018, mortgage loans granted under the program "Second mortgage" classified by category REA or ROA, are as follows:

<b>Category</b>	<b>Number of loans</b>	<b>2018</b>	
		<b>Amount</b>	
REA	156	\$	86
ROA	6,048	\$	3,491

As of December 31, 2017, there were no mortgage loans granted under such program.

REA – Applies to the beneficiaries that lost their jobs and the payments are being made directly by the debtor.

ROA – Applies to the beneficiaries with formal employment and payments are made by the employer through payroll discounts.

Past-due loan portfolio:

An analysis of past-due loans at December 31, 2018 and 2017, from the date the loans were considered past-due, are summarized below:

	<b>1 to 180</b>	<b>181 to 365</b>	<b>1 to 2 years</b>	<b>Over 2</b>	<b>Total</b>
	<b>days</b>	<b>days</b>		<b>years</b>	
<b>2018</b>					
Commercial*	\$ 722	443	588	1,811	3,564
Consumer	1,398	99	-	-	1,497
Residential mortgages	1,306	528	769	397	3,000
	<b>\$ 3,426</b>	<b>1,070</b>	<b>1,357</b>	<b>2,208</b>	<b>8,061</b>
<b>2017</b>					
Commercial*	\$ 726	506	420	1,628	3,280
Consumer	945	58	8	5	1,016
Residential mortgages	1,304	544	547	378	2,773
	<b>\$ 2,975</b>	<b>1,108</b>	<b>975</b>	<b>2,011</b>	<b>7,069</b>

\* Includes commercial loans, loans to financial institutions and government entities.

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The movement in the past-due loan portfolio for the years ended December 31, 2018 and 2017, is summarized below:

		<b>2018</b>	<b>2017</b>
Balance at beginning of the year	\$	7,069	5,979
Settlements		(1,994)	(2,590)
Write-offs and write-downs		(2,972)	(1,844)
Net increase, for transfers from and to current loans		5,957	5,443
Foreign exchange fluctuation		1	81
<b>Balance at the end of the year</b>	<b>\$</b>	<b>8,061</b>	<b>7,069</b>

The interest on the past-due loan portfolio not recognized in results of operations for the year ended December 31, 2018 amounted to \$378 (\$329 in 2017), which are recorded in memorandum accounts.

For the years ended December 31, 2018 and 2017, the Bank recorded write-offs from those past-due loans that had been fully reserved for \$2,763 and \$1,610, respectively. In both years there was no application of reserves to loans granted to related parties.

For the years ended December 31, 2018 and 2017, the Bank obtained recoveries from written-off loans for \$232 and \$183, respectively.

Additional guarantees

At December 31, 2018 and 2017, the Bank has no additional guarantees for the restructured loans.

Impaired loans:

At December 31, 2018, the balance of impaired commercial loans is \$3,456 (\$3,397 in 2017), from which \$100 are recorded in current loans (\$118 in 2017), and \$3,356 are recorded in past-due loans (\$3,279 in 2017).

Adjustment from valuation of financial asset hedging:

The fair value hedges of interest rate risk of a portion of a portfolio comprised of financial assets, could generate an adjustment to the carrying amount of the hedged item, the gain or loss is recorded in the consolidated income statement and is presented under valuation adjustments for hedging financial assets.

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At December 31, 2018 and 2017, the adjustment to the carrying value of the loan portfolio from the loss recognized in results of operations for the year is presented under the caption "Valuation adjustment from hedging of financial assets" in the consolidated balance sheet for \$(562) and \$(530), respectively.

**(e) Allowance for loan losses-**

As of December 31, 2018 and 2017, as a result from the application of the new allowance for loan losses methodology, the probability of default, loss given default and exposure at default by type of loan portfolio, obtained as weighted average (unaudited) from the exposure at default, are as follows:

<b><u>Type of loan portfolio</u></b>	<b><u>Probability of default</u></b>	<b><u>Loss given default</u></b>	<b><u>Exposure at default</u></b>
<b><u>2018</u></b>			
<b><u>Bank:</u></b>			
Commercial	4.09%	42.46%	\$ 235,054
Residential mortgages	5.09%	15.55%	123,318
Personal loans	5.19%	71.83%	29,434
Revolving loans	<u>9.78%</u>	<u>72.56%</u>	<u>5,660</u>
<b><u>Globarcard</u></b>			
Credit card	10.92%	73.54%	\$ 24,072
Personal loans	<u>64.19%</u>	<u>72.70%</u>	<u>64</u>

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<b><u>Type of loan portfolio</u></b>	<b><u>Probability of default</u></b>	<b><u>Loss given default</u></b>	<b><u>Exposure at Default</u></b>
<b><u>2017</u></b>			
<b><u>Bank:</u></b>	4.31%	37.59%	\$ 210,591
Commercial			
Residential mortgages	5.06%	17.46%	107,594
Personal loans	5.70%	71.79%	23,989
Revolving loans	<u>11.90%</u>	<u>72.84%</u>	<u>4,142</u>
<b><u>Globarcard</u></b>			
Revolving loans	10.84%	73.54%	\$ 19,558
Personal loans	<u>63.32%</u>	<u>72.51%</u>	<u>41</u>

The parameters are weighted on the loans of each of the portfolios. Exposure at default shown for credit includes credit commitments.

At December 31, 2018, the credit rated loan portfolio and the allowance for loan losses are analyzed as follows:

<b><u>Risk grade</u></b>	<b><u>Commercial</u></b>	<b><u>Financial institutions</u></b>	<b><u>Government entities</u></b>	<b><u>Consumer</u></b>	<b><u>Residential mortgages</u></b>	<b><u>Total</u></b>
A-1	\$ 98,502	28,184	8,026	24,853	99,532	259,097
A-2	49,126	9,351	564	7,896	7,144	74,081
B-1	8,985	10,800	-	2,215	2,899	24,899
B-2	2,703	306	-	2,196	3,157	8,362
B-3	5,185	4,320	366	960	3,951	14,782
C-1	730	334	720	1,464	2,676	5,924
C-2	505	-	-	1,380	1,886	3,771
D	1,472	-	-	1,154	1,737	4,363
E	2,283	110	-	1,355	346	4,094
<b>Total</b>	<b>\$ 169,491</b>	<b>53,405</b>	<b>9,676</b>	<b>43,473</b>	<b>123,328</b>	<b>399,373</b>

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<b>Risk grade</b>	<b>Commercial</b>	<b>Financial institutions</b>	<b>Government entities</b>	<b>Consumer</b>	<b>Residential mortgages</b>	<b>Total</b>
A-1	\$ 576	127	46	521	206	1,476
A-2	565	103	6	337	43	1,054
B-1	150	170	-	119	25	464
B-2	60	7	-	125	39	231
B-3	171	156	17	84	74	502
C-1	52	22	44	157	74	349
C-2	62	-	-	244	166	472
D	536	-	-	550	391	1,477
E	2,172	108	-	1,011	182	3,473
Subtotal	\$ 4,344	693	113	3,148	1,200	9,498
Reserves for residential mortgages past-due loans						21
Operational risk reserve						25
Reserves for accrued interest on past-due loans						98
Specific reserves authorized by the Banking Commission						97
<b>Total allowance for loan losses</b>					<b>\$</b>	<b>9,739</b>

At December 31, 2017, the credit rated loan portfolio and the allowance for loan losses are analyzed as follows:

<b>Risk grade</b>	<b>Commercial</b>	<b>Financial institutions</b>	<b>Government entities</b>	<b>Consumer</b>	<b>Residential mortgages</b>	<b>Total</b>
A-1	\$ 76,840	24,270	8,970	20,592	89,393	220,065
A-2	35,659	5,771	835	4,793	4,634	51,692
B-1	14,113	8,510	542	1,804	2,014	26,983
B-2	6,625	292	352	1,630	2,807	11,706
B-3	6,255	2,744	464	800	1,998	12,261
C-1	672	1,323	-	1,355	2,437	5,787
C-2	1,394	966	-	1,481	1,991	5,832
D	1,985	-	-	1,163	1,568	4,716
E	2,196	110	-	1,109	405	3,820
<b>Total</b>	<b>\$ 145,739</b>	<b>43,986</b>	<b>11,163</b>	<b>34,727</b>	<b>107,247</b>	<b>342,862</b>

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<b>Risk grade</b>	<b>Commercial</b>	<b>Financial institutions</b>	<b>Government entities</b>	<b>Consumer</b>	<b>Residential mortgages</b>	<b>Total</b>
A-1	\$ 428	136	53	454	157	1,228
A-2	394	78	10	217	29	728
B-1	244	140	9	95	17	505
B-2	154	8	-	96	35	293
B-3	192	107	17	70	34	420
C-1	44	103	26	142	69	384
C-2	180	109	-	243	171	703
D	640	-	-	485	359	1,484
E	2,074	108	-	794	228	3,204
Subtotal	\$ 4,350	789	115	2,596	1,099	8,949
Additional reserves for residential mortgages past-due loans						30
Operational risk reserve						14
Additional reserve for past-due accrued interest						66
Specific reserves authorized by the Banking Commission						97
<b>Total allowance for loan losses</b>					<b>\$</b>	<b>9,156</b>

The movement in the allowance for loan losses for the years ended December 31, 2018 and 2017 is summarized below:

		<b>2018</b>	<b>2017</b>
Balance at the beginning of the year	\$	9,156	7,138
Provisions debited to results of operations		3,750	3,870
Provisions debited to retained earnings		-	80
Applications, write-downs and others		(2,972)	(1,846)
Foreclosure		(181)	(64)
Exchange rate fluctuations		(14)	(22)
<b>Balance at the end of the year</b>	<b>\$</b>	<b>9,739</b>	<b>9,156</b>

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**Credit loan program with INFONAVIT**

On April 4 and September 4, 2018, the Bank increased its participation in the credit loan origination program of INFONAVIT by \$1,000 on each date.

On August 15, 2017, the Bank, as assignee, and INFONAVIT, as assignor, entered into an assignment contract to manage mortgage loans originated under the program denominated "Segundo Crédito" for \$1,500 (see note 10c).

**(f) Special accounting criteria for natural disasters support program-**

Through official letters No. P-071/2018, dated March 5, 2018, the Banking Commission authorized the application of special accounting criteria referred to in the official Letter No. 320-1/14057/2017 regarding guaranteed mortgage loans for up to 4 additional months.

Through official letters No. P-290/2017, dated September 15, 2017 and No. 320-1/14057/2017, dated October 17, 2017, the Banking Commission authorized the application of special accounting criteria regarding consumer, mortgage and commercial loans, with the purpose of helping the economic recovery of the clients living or working in the locations declared as "disaster zone" derived from the disasters caused by the hurricanes "Lidia" and "Katia" and the earthquakes occurred on September 7 and 19, 2017. The special criteria establishes that the credit loans of the affected clients is considered as "current portfolio".

The Bank applied mentioned criteria to its clients, as such, the total amount of the payments past due from those clients is for \$4, for both 2018 and 2017.

**(11) Benefits receivable on securitization transactions-**

On March 13, 2008, the Bank securitized a mortgage portfolio, through a trust that issued debt securities for \$2,500 with maturity in 20 years and an annual interest rate of 9.15%.

On July 25, 2018, the Bank executed its right of total reacquisition of the equity of the Trust, and recognized a net income of \$55 in the caption "Other operating income" in the consolidated statement of income.

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At December 31, 2017, the amount of the portfolio assigned receivable amounted to \$333, and the amount payable on the debt securities amounted to \$271.

As part of the agreed transaction of the securitization, the Bank received a trust certificate, which was reported under the caption "Benefits receivable on securitization transactions" on the consolidated balance sheet, and was recorded at fair value, which was determined based on the expectations for recovery of the trust assets and the remaining cash flows once all obligations to bondholders were met. The fair value of benefits receivable on securitization transactions at December 31, 2017 were \$75, the valuation effect was recognized in "Other operating income" in the consolidated statement of income.

For the year ended December 31, 2017, the assigned portfolio received prepayments for \$27.

The Bank received servicing fees from the trust, which were recognized in earnings when the services were provided, which for the year ended December 31, 2017, amounted to \$3.

**(12) Foreclosed assets-**

At December 31, 2018 and 2017, foreclosed assets are analyzed below:

	<b>2018</b>	<b>2017</b>
Premises	\$ 100	100
Furniture, securities and foreclosed rights	1	11
	<b>101</b>	<b>111</b>
Impairment allowance	(14)	(25)
	<b>\$ 87</b>	<b>86</b>

The movement of the allowance for impairment for the years ended December 31, 2018 and 2017 is analyzed in the following page.

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	<b>2018</b>	<b>2017</b>
Balance at the beginning of the year	\$ (25)	(30)
Additional provisions due to aging debited to operations for the year	(6)	(7)
Credit to income on sale of assets and others	17	12
	<b>\$ (14)</b>	<b>(25)</b>

**(13) Premises, furniture and equipment-**

Premises, furniture and equipment and leasehold improvements at December 31, 2018 and 2017 are analyzed below:

	<b>2018</b>	<b>2017</b>	<b>Annual depreciation rate</b>
Land	\$ 497	497	-
Office premises	1,201	1,201	Various
Transportation equipment	5	5	25% and 33%
Leased transportation equipment	3	48	33%
Computer equipment	1,390	1,242	Various
Computer equipment in financial lease	37	21	20%
Office furniture and equipment	1,403	1,281	10%
Leasehold improvements	2,982	2,720	Various
	7,518	7,015	
Accumulated depreciation	(3,752)	(3,379)	
	<b>\$ 3,766</b>	<b>3,636</b>	

Depreciation charged to results of operations for the years ended December 31, 2018 and 2017 amounted to \$443 and \$423, respectively.

For the years ended December 31, 2018 and 2017, there was not an effect from impairment of leasehold improvements.

According to assessment carried out by the Bank, the residual value (except land) at December 31, 2018 and 2017, is minimum.

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**(14) Permanent investments-**

At December 31, 2018 and 2017, the Bank's permanent investments in equity, classified by activity, are analyzed below:

	<b>2018</b>	<b>2017</b>
Other banking related services	\$ 45	45
Derivatives market operators	6	6
Security and protection	-	1
	<b>\$ 51</b>	<b>52</b>

**(15) Deposit funding-**

At December 31, 2018 and 2017, the deposit funding caption, is analyzed as follows:

	<b>2018</b>			<b>2017</b>		
	<b>Local currency</b>	<b>Foreign currency</b>	<b>Total</b>	<b>Local currency</b>	<b>Foreign currency</b>	<b>Total</b>
<b>Demand deposits:</b>						
Non-interest bearing	\$ 73,734	49	73,783	71,442	155	71,597
Interest bearing	53,801	35,348	89,149	59,623	45,139	104,762
	127,535	35,397	162,932	131,065	45,294	176,359
<b>Time deposits:</b>						
General public	103,501	9,480	112,981	92,998	-	92,998
<b>Money market:</b>						
Certificates of deposit (Cedes)	40,858	1,967	42,825	19,604	-	19,604
Promissory notes	10,250	-	10,250	4,468	-	4,468
	51,108	1,967	53,075	24,072	-	24,072
<b>Debt securities issued:</b>						
Bank stock certificates	23,098	-	23,098	22,508	-	22,508
Bank bonds	2,680	-	2,680	3,746	-	3,746
	25,778	-	25,778	26,254	-	26,254
<b>Global account of deposits without movements</b>	585	9	594	501	8	509
<b>Total deposit funding</b>	<b>\$ 308,507</b>	<b>46,853</b>	<b>355,360</b>	<b>274,890</b>	<b>45,302</b>	<b>320,192</b>

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The unaudited average weighted interest rates on deposit balances during the years ended December 31, 2018 and 2017, are as follows:

	2018		2017	
	Local currency	Dollars	Local currency	Dollars
<b>Demand deposits</b>	2.25%	-	2.23%	0.17%
<b>Time deposits:</b>				
General public	7.06%	2.64%	5.70%	-
Money market	8.47%	2.00%	7.13%	-

At December 31, 2018 and 2017, money market time deposits and debt securities issued among the public investors, are as follows:

**(a) Money market time deposits-**

**Certificates of deposit (Cedes)**

At December 31, 2018 and 2017, the Bank issued Cedes with par value of one hundred pesos for an amount of \$40,858 and \$19,604, respectively. As of December 31, 2018, the Bank issued Cedes with a par value of one hundred dollars for an amount of \$1,967 (as of December 31, 2017 no Cedes in dollars were issued).

**December 31, 2018**

**Cedes-**

Interest payment	Annual rate	Term in days	Amount
28 días	TIIIE 28+.08%	365	\$ 350
28 días	TIIIE 28+.08%	365	1,100
28 días	TIIIE 28+.08%	337	1,000
28 días	TIIIE 28+.08%	337	700
28 días	TIIIE 28+.07%	365	560
28 días	TIIIE 28+.08%	365	1,500
28 días	TIIIE 28+.04%	225	1,000
28 días	TIIIE 28+.08%	309	1,000
28 días	TIIIE 28+.08%	337	1,000
28 días	TIIIE 28+.06%	225	1,000
28 días	TIIIE 28+.02%	141	1,000
Subtotal carried forward			\$ 10,210

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<b>Interest payment</b>	<b>Annual rate</b>	<b>Term in days</b>	<b>Amount</b>
Subtotal brought forward			\$ 10,210
28 días	TIIE 28+.08%	141	500
28 días	TIIE 28+.08%	253	2,100
28 días	TIIE 28+.08%	225	600
28 días	TIIE 28+.08%	169	1,000
28 días	TIIE 28+.06%	351	1,410
28 días	TIIE 28+.06%	253	1,650
28 días	TIIE 28+.07%	365	1,400
28 días	TIIE 28+.07%	337	700
28 días	TIIE 28+.07%	316	400
28 días	TIIE 28+.06%	365	1,000
28 días	TIIE 28+.06%	337	700
28 días	TIIE 28+.06%	365	500
28 días	TIIE 28+.07%	365	90
28 días	TIIE 28+.03%	253	1,000
28 días	TIIE 28+.05%	281	1,000
28 días	TIIE 28+.03%	365	1,130
28 días	TIIE 28+.04%	365	500
28 días	TIIE 28+.06%	365	600
28 días	TIIE 28+.07%	225	1,000
28 días	TIIE 28+.08%	225	500
28 días	TIIE 28+.05%	361	500
28 días	TIIE 28+.05%	169	200
28 días	TIIE 28+.07%	113	350
28 días	TIIE 28+.07%	225	1,300
28 días	TIIE 28+.07%	169	5,000
28 días	TIIE 28+.09%	169	300
28 días	TIIE 28+.08%	253	500
28 días	TIIE 28+.08%	169	1,000
28 días	TIIE 28+.08%	253	500
28 días	TIIE 28+.08%	225	1,000
28 días	TIIE 28+.08%	197	1,000
28 días	TIIE 28+.12%	365	300
28 días	TIIE 28+.15%	364	800
			40,740
Accrued interest			118
Subtotal cedes carried forward			\$ 40,858

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	<b>Amount</b>	
Subtotal cedes brought forward	\$	40,858

**Cedes in dollars-**

Underlying	Periods	Term in days		Amount
TIE 28	13	258		1,967
<b>Total cedes</b>			<b>\$</b>	<b>42,825</b>

**December 31, 2017**

**Cedes-**

Interest payment	Annual rate	Term in days		Amount
28 días	TIE 28+.12%	337	\$	1,000
28 días	TIE 28+.12%	337		1,500
28 días	TIE 28+.12%	340		1,200
28 días	TIE 28+.08%	225		1,000
28 días	TIE 28+.10%	281		500
28 días	TIE 28+.08%	225		200
28 días	TIE 28+.07%	169		700
28 días	TIE 28+.10%	281		200
28 días	TIE 28+.10%	226		1,830
28 días	TIE 28+.10%	225		700
28 días	TIE 28+.10%	225		550
28 días	TIE 28+.13%	337		1,100
28 días	TIE 28+.08%	197		500
28 días	TIE 28+.07%	169		750
28 días	TIE 28+.03%	169		17
28 días	TIE 28+.06%	85		1,500
28 días	TIE 28+.13%	337		400
				13,647
Accrued interest				57
Subtotal cedes carried forward			\$	13,704

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Underlying	Periods	Term in days	<b>Amount</b>
Subtotal cedes brought forward			\$ <u>13,704</u>
TIIE 28	13	364	1,000
TIIE 28	13	364	500
TIIE 28	13	364	400
TIIE 28	13	364	1,500
TIIE 28	13	364	1,000
TIIE 28	13	364	1,000
TIIE 28	13	364	500
<b>Total de cedes</b>			<b>\$ 19,604</b>

Structured Cedes pay interest on each payment date according to the periods established in the offering filing, if the underlying observation date is within the ranges established for each period.

**Promissory notes-**

At December 31, 2018 and 2017, the Bank issued promissory notes with par value of one peso approximately as shown in the following page.

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<b>Issuance date</b>	<b>Number of securities</b>	<b>Term in days</b>	<b>Annual rate</b>	<b>Amount</b>
February 2018	500,000,000	365	8.45%	\$ 460
February 2018	500,000,000	365	8.44%	460
February 2018	500,000,000	365	8.47%	460
February 2018	542,600,000	365	8.45%	500
August 2018	150,000,000	366	8.46%	138
September 2018	500,000,000	365	8.29%	461
September 2018	500,000,000	365	8.29%	461
October 2018	500,000,000	365	8.57%	460
October 2018	500,000,000	365	8.57%	460
November 2018	500,000,000	365	8.97%	458
November 2018	200,000,000	365	8.96%	183
November 2018	50,000,000	365	8.92%	45
November 2018	167,750,000	302	4.48%	999
December 2018	168,380,000	320	4.65%	998
December 2018	1,091,000,000	361	9.16%	999
December 2018	522,810,833	187	8.87%	500
December 2018	527,040,417	220	8.93%	500
December 2018	530,813,750	250	8.96%	500
December 2018	534,805,556	281	9.00%	500
December 2018	542,625,560	339	9.16%	500
				10,042
Accrued Interest				208
<b>Total</b>				<b>\$ 10,250</b>

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<b>Issuance date</b>	<b>Number of securities</b>	<b>Term in days</b>	<b>Annual rate</b>	<b>Amount</b>
July 2017	538,150,002	361	7.43%	\$ 500
April 2017	535,388,889	365	7.43%	500
August 2017	315,816,667	262	7.45%	300
August 2017	537,158,000	364	7.25%	499
August 2017	1,140,974,682	181	7.54%	1,100
August 2017	650,000,000	365	7.63%	603
August 2017	250,000,000	363	7.48%	232
September 2017	650,000,000	365	7.62%	604
				4,338
Accrued interest				130
<b>Total</b>				<b>\$ 4,468</b>

***(b) Debt securities issued-***

At December 31, 2018 and 2017, the Bank issued banking stock certificates with par value of one hundred pesos, under the program authorized by the Banking Commission for up to \$25,000, as shown below:

**Banking stock certificates**

**December 31, 2018**

<b>Issuance date</b>	<b>Number of securities</b>	<b>Term in years</b>	<b>Interest payment in days</b>	<b>Proportion</b>	<b>Interest rate</b>	<b>Amount</b>
June 2013	11,500,000	10	182	8%	7.30%	1,150
November 2015	23,000,000	5	28	9%	TIIE + 0.40%	\$ 2,300
April 2017	28,750,000	5	28	9%	TIIE + 0.50%	2,875
March 2017	34,500,000	3	28	9%	TIIE + 0.39%	3,450
August 2017	34,500,000	4	28	9%	TIIE + 0.36%	3,450
September 2017	34,500,000	3	28	9%	TIIE + 0.31%	3,450
March 2018	34,500,000	4	28	9%	TIIE + 0.24%	3,450
March 2018	28,750,000	4	28	9%	TIIE + 0.24%	2,875
						23,000
Accrued interest						98
<b>Total banking stock certificates</b>						<b>\$ 23,098</b>

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<b>Issuance date</b>	<b>Number of securities</b>	<b>Term in years</b>	<b>Interest payment in days</b>	<b>Proportion</b>	<b>Interest rate</b>	<b>Amount</b>
September 2017	34,500,000	3	28	14%	TIIE + 0.31%	\$ 3,450
August 2017	34,500,000	4	28	14%	TIIE + 0.36%	3,450
April 2017	28,750,000	5	28	12%	TIIE + 0.50%	2,875
March 2017	34,500,000	3	28	14%	TIIE + 0.39%	3,450
November 2015	23,000,000	5	28	9%	TIIE + 0.40%	2,300
October 2015	20,000,000	3	28	8%	TIIE + 0.25%	2,000
June 2013	11,500,000	10	182	8%	7.30%	1,150
March 2013	34,500,000	5	28	8%	TIIE + 0.40%	3,450
December 2015	3,000,000	13	183	3%	9.75%	300
						22,425
Accrued interest						83
<b>Total banking stock certificates</b>						<b>\$ 22,508</b>

\* Issued under the prior years' program authorized by the Banking Commission.

**Structured banking bonds**

**December 31, 2018**

<b>Issuance date</b>	<b>Number of securities</b>	<b>Term in days</b>	<b>Underlying</b>	<b>Amount</b>
February 2016	2,924,220	1457	TIIE28	\$ 292
February 2016	673,800	1097	SX5E	68
February 2016	1,150,200	1094	SPX	115
October 2016	626,750	1095	SX5E	63
October 2016	335,350	1095	SPX	33
March 2017	455,400	730	SX5E	46
April 2017	463,800	730	CAC40	47
May 2017	2,118,370	729	SX5E	212
May 2017	2,586,750	1092	SX5E	259
June 2017	327,700	1093	IXM	32
June 2017	829,020	729	IXM	83
November 2017	1,312,600	729	SPTSX60	131
November 2017	1,321,340	541	MEXBOL	132
February 2018	278,750	729	SX5E	28
February 2018	278,750	729	TC MXPUSD	28
July 2018	10,000,000	196	TIIE28	1,000
October 2018	1,111,300	730	EEM UP EQUITY	111
<b>Total structured banking bonds</b>				<b>\$ 2,680</b>

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**December 31, 2017**

<b>Issuance date</b>	<b>Number of securities</b>	<b>Term in days</b>	<b>Underlying</b>	<b>Amount</b>
November 2017	150,000	129	USD MXN	\$ 13
November 2017	750,000	92	SPX	60
November 2017	1,321,340	540	IPC	132
November 2017	1,320,600	728	SPTSX60	132
October 2017	600,000	271	Nikkei 225 (NKY)	60
July 2017	415,200	323	USDMXN	42
June 2017	875,020	728	IXM	87
June 2017	357,700	1092	IXM	36
May 2017	2,617,850	1091	SX5E	262
May 2017	2,128,370	728	SX5E	213
April 2017	463,800	729	CAC 40	46
March 2017	343,800	363	SX5E	34
March 2017	455,400	729	SX5E	46
December 2016	916,650	727	Nikkei 225 (NKY)	92
October 2016	335,350	1,094	SX5E	34
October 2016	631,750	1,094	SPX	63
May 2016	2,508,500	728	TIE28	251
May 2016	304,800	896	TIE28	30
February 2016	688,800	1,096	SX5E	69
February 2016	1,156,200	1,093	SPX	116
February 2016	3,288,678	1456	TIE28	329
December 2015	753,000	1094	IBEX35	75
December 2015	1,301,400	1092	TIE28	130
December 2015	1,200,000	924	TIE28	120
November 2015	103,800	1080	IXM SX7E	10
October 2015	2,244,950	1,098	SPX	224
September 2015	1,637,750	1,092	SXAE	164
August 2015	193,500	1,094	IXM SX7E	19
June 2015	300,000	1,093	SX7E	30
June 2015	285,000	1,278	SPX	29
June 2015	190,000	1,278	SX7E	19
May 2015	800,000	1,097	IXM SX5E	80
April 2015	4,256,400	1,091	IXM SX5E	426
February 2015	2,371,250	1,093	HSCEI	237
January 2015	362,082	1,094	SXEE	36
<b>Total structured banking bonds</b>				<b>\$ 3,746</b>

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**(c) Valuation adjustments of hedging financial liabilities:**

The fair value hedges of interest rate risk of a portion of a portfolio comprised of financial liabilities, could generate an adjustment to the carrying amount of the hedged item, the gain or loss is recorded in the consolidated income statement and is presented under valuation adjustments for hedging financial liabilities.

At December 31, 2018 and 2017, the loss recognized in results of operations for the year is presented under the caption "Valuation adjustment from hedging of financial liabilities" in the consolidated balance sheet for \$24 and \$29, respectively.

**(16) Bank and other borrowings-**

At December 31, 2018 and 2017, bank and other borrowings are compromised as follows:

	<b>2018</b>	<b>2017</b>
Due on demand	\$ -	180
Short-term:		
Local currency:		
Development banks <sup>(1)</sup>	1,675	1,874
Development agencies <sup>(1)</sup>	2,767	2,993
Other institutions	-	1,673
Accrued interest	119	63
	4,561	6,603
Dollars translated into local currency:		
Multiple banking	-	77
Development agencies <sup>(1)</sup>	199	116
Development banks <sup>(1)</sup>	43	48
Accrued interest	1	1
	243	242
<b>Total short term and due on demand, carried forward</b>	<b>\$ 4,804</b>	<b>7,025</b>

<sup>(1)</sup> Resources from development funds (see note 10c).

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		<b>2018</b>	<b>2017</b>
Total short term and due on demand, brought forward	\$	4,804	7,025
Long-term:			
Local currency:			
Development agencies <sup>(1)</sup>		4,555	3,553
Development banks <sup>(2)</sup>		15,000	1,000
Other organizations		5,657	1,856
		25,212	6,409
Dollars translated into local currency:			
Development agencies <sup>(1)</sup>		318	188
Total long-term		25,530	6,597
<b>Total bank and other borrowings</b>	<b>\$</b>	<b>30,334</b>	<b>13,622</b>

<sup>(1)</sup> Resources from development funds (see note 10c).

<sup>(2)</sup> At December 31, 2018, the Bank obtained two borrowings for \$1,000 and \$1,500, with a term of 7 and 5 years bearing interest at a fixed rate of 8.41% and 8.89%, respectively, from Sociedad Hipotecaria Federal, S.N.C. At December 31, 2017, the Bank obtained a loan for \$1,000 with a term of 10 years bearing interest at a rate of 8.48% from Sociedad Hipotecaria Federal, S.N.C., which is guaranteed with the mortgage loan portfolio (see note 10a). At December 31, 2018, the Bank obtained six borrowings from Nacional Financiera, S.N.C., Development Bank, for \$11,500 with maturity dates between 1 and 3 years and interest rates ranging from 8.95% to 9%.

At December 31, 2018 and 2017, long-term bank and other borrowings maturity dates are as follows:

		<b>2018</b>	<b>2017</b>
<b>Maturity</b>			
2019	\$	-	414
2020		10,324	1,611
2021		8,227	2,167
2022		1,156	1,247
2023		3,545	1,158
Over 5 years		2,278	-
	<b>\$</b>	<b>25,530</b>	<b>6,597</b>

Banking borrowings that the Bank maintains, relate mainly to access to funds via auctions, loans regulated by the Central Bank with no pre-established limit, loans subject to availability of funds of the lenders' budget with no limit to the Bank and loans whose limit is agreed to daily by the lender. At December 31, 2018 and 2017, the Bank has no significant interbank lines of credit with authorized amounts that have not been drawn down.

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For the years 2018 and 2017, bank and other loans weighted average annual interest (unaudited) rates are as follows:

	2018 annual rates		2017 annual rates	
	Local currency	Foreign currency	Local currency	Foreign currency
Domestic banks	-	-	8.48%	-
Development banks	9.26%	3.29%	8.49%	2.91%
Development agencies	<u>7.42%</u>	<u>2.61%</u>	<u>7.29%</u>	<u>2.30%</u>

**(17) Employees' benefits-**

On November 15, 2018, the Bank carried out an employer substitution process transferring all its active employees to its related party SECOSA, because of that SECOSA took over, from that date on, all labor obligations derived from the active employees. Effects derived from this employer substitution were: cash outflow for \$345 related to the net liability for defined benefits, mainly for legal compensation, as well as a transfer of plan assets to SECOSA for \$2,218.

The Bank had in place, until November 15, 2018, a defined contribution plan for pensions that was also transferred to SECOSA. The plan provides for established contributions by both the Bank and employees, which may be fully withdrawn by employees when aged 55.

For the years ended December 31, 2018 and 2017, the charge to results for the Bank's contributions to the defined contribution pension plan amounted to \$58 and \$64, respectively. under the caption "Administrative and promotional expenses" in the consolidated statement income.

The Bank had also established a defined benefits plan that covered seniority premiums and legal compensations which active employees were entitled to until November 15, 2018, in accordance with the Federal Labor Law. From November 16, 2018 and on, the Bank only keeps a defined benefits plan for pensions of retired personnel, as well as obligations related to post-retirement medical plans, food coupons and life insurance of retirees.

The costs, obligations and assets of the defined pension, seniority premium, post-retirement medical service, life insurance, food coupons for retirees benefit plans were determined based on computations prepared by independent actuaries as of December 31, 2018 and 2017.

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The components of the defined benefit cost for the years ended December 31, 2018 and 2017 are as follows:

	Seniority premium		Legal compensation		Pension plan		Other post-retirement benefits	
	2018	2017	2018	2017	2018	2017	2018	2017
Current labor service cost (CLSA)	\$ 9	10	20	21	16	18	71	84
Net interest on DBNL o (DBNA)*	3	2	24	26	103	77	76	68
Actuarial losses gain (AGL) generated in the year	-	-	-	52	-	-	-	-
Net past service amortization	8	1	-	-	75	37	245	47
Reclassification of remeasurements of DBNL recognized in OCI	2	-	48	7	102	9	63	-
<b>Net cost of the year</b>	<b>22</b>	<b>13</b>	<b>92</b>	<b>106</b>	<b>296</b>	<b>141</b>	<b>455</b>	<b>199</b>
Beginning balance of remeasurement of DBNL (DBNA)	(6)	(8)	29	30	162	(62)	(65)	(236)
Remeasurements generated during the year	2	(4)	19	6	(31)	61	(193)	(85)
Recognition of de AGL in OCI	6	6	-	-	172	172	256	256
Reclassification of remeasurements recognized in OCI	(2)	-	(48)	(7)	(102)	(9)	(63)	-
Final balance of remeasurements of (DBNA) DBNL	-	(6)	-	29	201	162	(65)	(65)
<b>Increase (decrease) of remeasurements of DBNL or DBNA in OCI</b>	<b>6</b>	<b>2</b>	<b>(29)</b>	<b>(1)</b>	<b>39</b>	<b>224</b>	<b>-</b>	<b>171</b>
<b>Defined benefits cost</b>	<b>28</b>	<b>15</b>	<b>63</b>	<b>105</b>	<b>335</b>	<b>365</b>	<b>455</b>	<b>370</b>
Beginning balance of DBNL (DBNA)	22	7	332	317	677	264	290	(84)
Recognition of modifications to the plan in retained earnings (progressive recognition)	-	-	-	-	(22)	(16)	(60)	(30)
Cost (income) of defined benefits	28	15	63	105	335	365	455	370
Decrease in past services due to transfer or employees (paid to SECOSA)	-	-	(345)	-	-	-	-	-
Plan contributions	(50)	-	-	-	108	64	-	-
Payments charged to DBNL	-	-	(50)	(90)	-	-	-	-
Restricted funds	-	-	-	-	-	-	(235)	34
<b>Ending balance of DBNL</b>	<b>\$ -</b>	<b>22</b>	<b>-</b>	<b>332</b>	<b>1,098</b>	<b>677</b>	<b>450</b>	<b>290</b>

\* Defined benefits net liability (DBNL) Defined benefits net asset (DBNA).

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The reconciliation of the financial position of the obligation and net projected asset (liability) as of December 31, 2018 and 2017 is as follows:

	Seniority premium		Legal compensation		Pension plan		Other post-retirement Benefits	
	2018	2017	2018	2017	2018	2017	2018	2017
Defined benefits obligations (DBO) \$	-	(146)	-	(332)	(1,825)	(2,453)	(1,683)	(3,746)
Plan assets	-	110	-	-	578	1,403	1,110	2,891
Financial situation of the obligation	-	(36)	-	(332)	(1,247)	(1,050)	(573)	(855)
Past services to be amortized	-	-	-	-	(27)	(50)	(30)	(90)
Actuarial losses to be amortized	-	14	-	-	176	423	153	655
<b>Net projected liability</b> \$	-	<b>(22)</b>	-	<b>(332)</b>	<b>(1,098)</b>	<b>(677)</b>	<b>(450)</b>	<b>(290)</b>

**Progressive implementation of the adoption of MFRS D-3 “Employee benefits” issued by the Banking Commission**

On December 31, 2015, a resolution was issued in the Official Gazette that amends the Provisions in which through the third transitory article, the Banking Commission sets out the terms to recognize changes for reformulation resulting from the adoption of the new MFRS D-3, which entered into force on January 1, 2016, and defines the term that credit institutions have to recognize in its stockholders' equity the total amount of outstanding balances to be amortized from profits or losses of defined benefit plan, as well as modifications to the plan, not recognized until December 31, 2015.

The resolution states that the institutions referred to in Article 2, Section I of the Credit Institutions Law, opting for the progressive implementation of the transitory article referred to, should start the recognition of the balances listed in numbering a) and b) of paragraph 81.2 of MFRS D-3, in the year 2016, recognizing 20% of the balances in that year and an additional 20% in each of the subsequent years, up to 100% within a maximum period of 5 years". Credit institutions can apply early recognition, provided that the corresponding year the Bank recognize at least 20%, or the total amount remaining in terms of the aforementioned transitory article, however, derived from the employer substitution with SECOSA, the remaining balance mentioned was recognized in the consolidated income statement of the year.

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Balances pending of amortization due to modifications to the defined benefit plan, as well as to the actuarial gains and losses of the plan, recognized in the items "Retained earnings" and "Remeasurements of defined employee benefits", respectively, are as follows:

	Modifications to the defined benefits plan	Actuarial losses
Balance at December 31, 2017 pending of progressive amortization and application during the following three year	\$ (140)	1,091
Remeasurements gradually recorded	46	(434)
Amortization of past services	-	(38)
Recognition in advance in equity due to employees transfer	37	(290)
Balance at December 31, 2018 pending to be amortized gradually during the following two years	\$ (57)	329

At December 31, 2018 and 2017, the remeasurements of defined employee benefits recorded in the OCI are analyzed as follows:

	<b>2018</b>	<b>2017</b>
Beginning balance of remeasurements	\$ 120	(276)
Remeasurements gradually recorded	434	434
Reclassification of remeasurements recognized in OCI in the year	(215)	(16)
Remeasurements generated in the year	(203)	(22)
Final balance of remeasurements	136	120
Deferred IT <sup>(1)</sup>	144	108
Deferred ESPS <sup>(1)</sup>	-	36
<b>Effect in equity, net of deferred IT and ESPS</b>	<b>\$ 280</b>	<b>264</b>

<sup>(1)</sup> Calculated based on the Tax Provisions of deductibility for salaries and wages to the employees.

In the next page there is an analysis of movements of the plan assets required for covering the employee benefit obligations for the years ended December 31, 2018 and 2017.

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	<b>2018</b>	<b>2017</b>
Fair value of the assets at beginning of year	\$ 4,403	4,694
Transfers to defined contribution fund	(58)	(64)
Restricted funds	235	(34)
Return on plan assets	(123)	289
Transfer of plan assets to SECOSA	(2,218)	-
Payments charged to the fund during the year	(551)	(482)
<b>Fair value of the assets at end of year</b>	<b>\$ 1,688</b>	<b>4,403</b>

During the year 2018, the Bank transferred funds from the defined benefit plan to the defined contribution plan to cover contributions of the year amounting to \$58 (\$64 in 2017).

The annual nominal rates as of December 31, 2018 and 2017 used in actuarial projections are as follows:

	<b>2018</b>	<b>2017</b>
Return on plan assets	10.60%	9.30%
Discount rate	10.60%	9.30%
Salary increase	4.50%	4.50%
Increase in medical expenses	6.50%	6.50%
Estimated inflation	3.50%	3.50%

The expected return rate on the plan assets is the same to the discount rate in accordance with current standards.

The plan assets covering the pension and other post-retirement benefits for retirees consist of 60% debt instruments and 40% equity instruments subject to a trust and managed by a Bank-designated Committee.

The effect from an increase or decrease by a percentage point in the rate of increase in medical expenses used for the actuarial projections at December 31, 2018 and 2017, are shown in the next page.

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	<b>2018</b>		<b>2017</b>	
	<b>Annual rates</b>	<b>DBO medical expense retirees</b>	<b>Annual rates</b>	<b>DBO medical expense retirees</b>
With no modification	6.50%	\$ 1,298	6.50%	\$ 3,166
1% increase in medical inflation rate	7.50%	1,423	7.50%	3,903
1% decrease in medical inflation rate	5.50%	\$ 1,190	5.50%	\$ 2,594

As of December 31, 2018, the amortization periods in years for unrecognized items related to defined pension and other post-retirement benefits are as follows:

	<b>Pensions</b>		<b>Other post- retirement benefits</b>
	<b>Retirement</b>	<b>Disability</b>	
Prior service plan modifications	\$ 2	-	2
Net actuarial loss/(gain) and reclassification of remeasurements DBN(L)A to be recognized in OCI	\$ 18.41	-	18.41

The components of the stress-analysis in pesos as of December 31, 2018 and 2017, are shown in the next page.

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	Seniority premium		Legal compensation		Pension plan		Other post-retirement benefits	
	2018	2017	2018	2017	2018	2017	2018	2017
Defined benefit obligations (DBO) as of December 31	\$ -	146	-	332	1,825	2,453	1,683	3,746
Significant actuarial assumptions as of December 31								
Sensitivity analysis, discount rate 9.50% (+0.50%)	\$ -	(3)	-	(5)	(59)	(98)	(72)	(244)
Discount rate 8.50% (-0.50%)	\$ -	4	-	6	63	106	78	272
Long-term inflation rate 3.75% (+0.25%)	\$ -	2	-	-	-	25	5	15
Long-term inflation rate 3.25% (-0.25%)	\$ -	(2)	-	-	-	(21)	(5)	(14)

**(18) Income taxes and employee statutory profit sharing (ESPS)-**

IT Law effective as of January 1, 2014 establishes an IT rate of 30% for 2014 and later years. The current ESPS rate is 10%, for the years 2018 and 2017.

At December 31, 2018 and 2017, current and deferred IT and ESPS expense (benefit), is as follows:

	2018		2017	
	IT	ESPS	IT	ESPS
Current:				
Bank	\$ -	-	409	154
Additional tax provision	388	72	964	52
Reversed provisions from prior years (Bank)	(61)	(22)	(73)	(25)
Globalcard	545	-	71	-
Inmobiliaria	202	-	17	-
Derivatives market entities	50	-	49	-
Current IT and ESPS	1,124	50	1,437	181
Deferred IT and ESPS	(365)	1,207	(751)	(84)
	<b>\$ 759</b>	<b>1,257</b>	<b>686</b>	<b>97</b>

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The Bank does not consolidate income tax results with its subsidiaries, thus the information presented below is for informational purposes only.

The Bank has not recognized a deferred tax liability on the undistributed earnings of its subsidiaries and associated companies, the Bank currently does not expect that these undistributed earnings be reinvested and be taxable in the near future.

Deferred IT and ESPS:

The deferred tax and ESPS asset at December 31, 2018 and 2017 is analyzed below:

	<b>2018</b>		<b>2017</b>	
	<b>IT</b>	<b>ESPS</b>	<b>IT</b>	<b>ESPS</b>
Valuation of financial instruments:				
Trading securities	\$ 170	-	205	68
Available-for-sale securities	(4)	-	7	3
Cash flow hedge swaps	(367)	-	(211)	(71)
Expense accruals and others	(615)	-	211	-
Remaining balance to be deducted of premises, furniture and equipment	172	-	97	89
Unearned fees collected	788	-	512	171
Pension plan	218	-	78	26
Other assets	3	-	-	-
Remeasurements of defined employee benefits	(144)	-	(108)	(36)
Foreclosed assets	247	-	207	69
Credit reserves surplus	64	-	538	179
Future loan write-offs	3,082	-	2,830	792
Tax loss carryforwards	440	-	-	-
	4,054		4,366	1,290
Valuation allowance <sup>(1)</sup>	(64)	-	(538)	(179)
	3,990	-	3,828	1,111
	<b>\$ 3,990</b>		<b>4,939</b>	

<sup>(1)</sup> At December 31, 2018 and 2017, valuation allowance relates to the credit reserve surplus.

The (unfavorable) favorable effect in consolidated income statement and stockholders' equity, for the years ended December 31, 2018 and 2017 are presented in next page.

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	<b>2018</b>		<b>2017</b>	
	<b>IT</b>	<b>ESPS</b>	<b>IT</b>	<b>ESPS</b>
Valuation of financial instruments:				
Trading securities	\$ (35)	(68)	(20)	(7)
Available-for-sale securities	(11)	(3)	(16)	(5)
Cash flow hedge swaps	(156)	71	(41)	(14)
Expense accruals and others	(826)	-	(31)	(33)
Remaining balance to be deducted of premises, furniture and equipment	75	(89)	97	26
Unearned fees collected	276	(171)	27	9
Pension plan	140	(26)	68	23
Remeasurements of defined employee benefits	(36)	36	50	17
Other assets	3	-	-	-
Foreclosed assets	40	(69)	(50)	(17)
Tax loss carryforwards	440	-	(43)	-
Loan reserves surplus <sup>(1)</sup>	-	-	(498)	(166)
Future loan write-offs <sup>(1)</sup>	252	(792)	1,225	257
	162	(1,111)	768	90
	<b>\$ (949)</b>		<b>858</b>	

The above movements are reflected in the consolidated financial statements as follows:

	<b>2018</b>		<b>2017</b>	
	<b>IT</b>	<b>ESPS</b>	<b>IT</b>	<b>ESPS</b>
In statement of income:	\$ 365	(1,207)	751	84
In equity:				
Valuation in available-for-sale securities	(11)	(3)	(16)	(5)
Remeasurements of defined employee benefits	(36)	36	50	17
Valuation of cash flow hedge swaps	(156)	71	(41)	(14)
Allowance for loan losses	-	(8)	24	8
	162	(1,111)	768	90
	<b>\$ (949)</b>		<b>858</b>	

<sup>(1)</sup> Net of valuation allowance

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The following is an analysis, for information purposes, of the effective tax rate of the Bank without subsidiaries for the fiscal years ended at December 31, 2018 and 2017:

	<b>Tax base</b>	<b>IT Tax at 30%</b>	<b>Effective rate</b>	<b>ESPS at 10%</b>
<b>December 31, 2018</b>				
<b>Operating income</b>	\$ 7,274	(2,182)	(30%)	-
<b>Current tax allocation:</b>				
Adjustment for effects of inflation, net	(1,810)	543	7%	-
Valuation of financial instruments	439	(132)	(2%)	-
Depreciation and amortization	82	(25)	-	-
Non-deductibles expenses <sup>(1)</sup>	386	(116)	(2%)	-
Loan reserves surplus	(6,703)	2,011	28%	-
Allowance for loan losses	2,321	(696)	(10%)	-
Deductible loan write-offs	(1,830)	549	8%	-
Current and deferred ESPS	1,246	(374)	(5%)	-
Deduction of paid ESPS	(240)	72	1%	-
Commission fees and advance payments	(1,360)	408	6%	-
Financial instruments gain (loss)	(570)	171	2%	-
Credit card administration fee	(193)	58	1%	-
Other, net	(509)	153	2%	-
Tax loss, net	(1,467)	-	-	-
<b>Deferred tax allocation:</b>				
Valuation of financial instruments	(406)	122	2%	(16)
Expense accruals and other	3,405	(1,022)	(14%)	(28)
Remaining balance to be deducted of premises, furniture and equipment	(202)	62	1%	(89)
Pension plan	(465)	139	2%	(26)
Foreclosed assets	(136)	40	1%	(69)
Fees collected in advance	(141)	42	1%	(171)
Future loan write-offs	(166)	50	1%	(797)
Tax loss	(1,467)	440	6%	-
Deferred tax	422	(127)	(2%)	(1,196)
<b>Income tax</b>	<b>\$ (1,045)</b>	<b>(127)</b>	<b>(2%)</b>	<b>(1,196)</b>

(1) For ESPS purposes the 47% deductible expense related to non-taxable income of the employees is not included, while for IT purposes, it is included.

At December 31, 2018, current and deferred tax of Globalcard amount \$545 and \$(231), respectively (\$71 and \$(526) as of December 31, 2017).

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	<b>Tax base</b>	<b>IT Tax at 30%</b>	<b>Effective rate</b>	<b>ESPS at 10%</b>
<b>December 31, 2017</b>				
<b>Operating income</b>	\$ 8,337	(2,501)	(30%)	(834)
<b>Current tax allocation:</b>				
Adjustment for effects of inflation, net	(2,427)	728	9%	243
Valuation of financial instruments	(552)	166	2%	55
Depreciation and amortization	160	(48)	(1%)	(16)
Non-deductibles expenses <sup>(1)</sup>	355	(107)	(1%)	(23)
Loan reserves surplus	(5,777)	1,733	20%	578
Allowance for loan losses	2,469	(741)	(9%)	(247)
Deductible loan write-offs	(1,310)	393	5%	131
Current and deferred ESPS	107	(32)	-	(11)
Deduction of paid ESPS	(299)	90	1%	-
Other, net	300	(90)	(1%)	(30)
Current tax	1,363	(409)	(5%)	(154)
<b>Deferred tax allocation:</b>				
Valuation of financial instruments	538	(161)	(2%)	(54)
Expense accruals and other	262	(80)	(1%)	(10)
Remaining balance to be deducted of premises, furniture and equipment	(260)	78	1%	26
Pension plan	(226)	68	1%	23
Foreclosed assets	168	(50)	-	(17)
Fees collected in advance	(90)	27	-	9
Loan reserves surplus	1,660	(498)	(6%)	(166)
Future loan write-offs	(2,623)	787	9%	262
Deferred tax	(571)	171	2%	73
<b>Income tax</b>	<b>\$ 792</b>	<b>(238)</b>	<b>(3%)</b>	<b>(81)</b>

Tax loss carryforward for \$1,467, was generated in 2018 and will expire in 2028.

- (1) For ESPS purposes the 47% deductible expense related to non-taxable income of the employees is not included, while for IT purposes, it is included.

In assessing the recoverability of deferred tax assets, management considers whether it is more likely than not that some portion or all of the deferred tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible. Management considers the scheduled reversal of deferred tax liabilities, projected future taxable income, and tax planning strategies in making this assessment.

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*Other considerations:*

In accordance with Mexican tax law, the tax authorities may examine transactions carried out during the five years prior to the most recent income tax return filed.

According to the IT Law, corporations carrying out transactions with related parties, whether domestic or foreign, are subject to a limits and tax obligations, to certain requirements as to the determination of the transaction prices, since these prices must be similar to those that would be used in arm's-length transactions.

**(19) Subordinated debt issued-**

At December 31, 2018 and 2017, the Bank has issued the following private subordinated debt which are not convertible into shares:

Issuance date	Number of securities	Price per security in pesos	Term in years	Interest term in days	Interest rate	Total amount of issuance
<b>2018</b>						
29-jun-18	33,600,000	\$ 100	15	182	12.30%	\$ 3,360
11-sep-18	34,550,000	\$ 100	Perpetual	182	11.32%	3,455
18-dec-14	20,930,000	\$ 100	10	182	7.40%	2,093
						8,908
Accrued interest payable						136
						<b>\$ 9,044</b>
<b>2017</b>						
18-dec-14	20,930,000	\$ 100	10	182	7.40%	2,093
Accrued interest payable						8
						<b>\$ 2,101</b>

**(20) Stockholders' equity-**

**(a) Structure of capital stock-**

On April 24, 2018, at the Extraordinary General Stockholders' Meeting, it was agreed to increase the capital stock by \$150, through the issuance of 150,000,000 of ordinary shares, series "F", with a nominal value of one peso each.

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On November 22, 2018, at the Extraordinary General Stockholders' Meeting, it was agreed to increase the capital stock by \$150, through the issuance of 150,000,000 of ordinary shares, series "F", with a nominal value of one peso each.

On July 28, 2017, at the Extraordinary General Stockholders' Meeting, it was agreed to increase the capital stock by \$800, through the issuance of 800,000,000 of ordinary shares, series "F", with a nominal value of one peso each.

After the stockholder's equity increases mentioned above, at December 31, 2018 and 2017, the Stockholders' equity is comprised of 9,153,500,000 and 8,853,500,000, respectively, common shares, with a par value of one peso per share, divided into two series: 9,153,499,916 shares (8,853,499,916 shares in 2017) "F" series shares, and 84 "B" series shares for both years.

**(b) Dividends declared-**

The dividends paid to individuals and corporations resident abroad shall be subject to an additional tax of 10%, which is considered final and must be withheld by entities that distribute such dividends. The rule solely applies to dividends payment from earnings generated beginning January 1, 2014.

On June 6, 2018, the Bank decreed and paid dividends for \$6,695. As of December 31, 2018, there are no dividends pending payment. For the year ended December 31, 2017, there was no dividends decree.

**(c) Comprehensive income-**

The comprehensive income reported in the consolidated statement of changes in stockholders' equity represents the results of the total performance of the Bank and subsidiaries during the year, and includes the net income, plus the result of the valuation of available-for-sale securities and cash flow hedge transactions, as well as the remeasurements of defined employee benefits.

**(d) Restrictions on stockholders' equity-**

No individual or entity may acquire direct or indirect control of Series "B" shares in excess of 5% of the Bank's paid-in capital, through one or more simultaneous or successive transactions of any kind. If deemed appropriate, the Ministry of Finance and Public Credit may authorize the acquisition of a higher percentage, provided that it does not exceed 20% of the capital stock.

The Credit Institutions Law requires an appropriation of 10% of net income for the year to statutory reserves, until such reserves reach an amount equal to paid-in capital.

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The tax basis of stockholder contributions and retained earnings may be distributed to the stockholders tax free. Distributions in excess of the tax bases are subject to income tax. At December 31, 2018 the capital contribution account of the Bank (Cuenta de capital de aportación or CUCA, unaudited) and the net taxable income account of the Bank (Cuenta de utilidad fiscal neta or CUFIN, unaudited), amount to \$15,397 and \$0, respectively.

The retained earnings of subsidiaries may not be distributed to the Bank's stockholders until these are received by way of dividends from the subsidiaries.

**(e) Capitalization (unaudited)-**

At December 31, 2018 and 2017, the Bank maintained a capitalization index in excess of 10.5%; accordingly, it is classified as Category I in both years in accordance with article 220 of the Provisions in both years, the capitalization index is determined by applying certain percentages according to the risk assigned pursuant to the rules established by the Central Bank. Below is the individual Bank's capitalization information (capitalization index reported to the Central Bank and subject to its approval).

	<b>2018</b>	<b>2017</b>
<b>Basic capital</b>		
Common shares	\$ 10,877	10,577
Prior years' results	25,463	26,183
Other elements of the comprehensive income (and other reserves)	13,437	11,587
Basic capital 1 before regulatory adjustments	49,777	48,347
Regulatory adjustments:		
Investment in financial subsidiaries	(2,337)	(1,704)
Deferred debits and prepayments	(5,834)	(4,319)
Investments in clearing house	(299)	(44)
Deferred taxes, favorable items from temporary differences	(440)	(255)
Investment in other instruments	(36)	(135)
Total regulatory adjustments to capital	(8,946)	(6,457)
Basic Capital 1	40,831	41,890
Basic Capital non-fundamental	3,577	-
Total Basic Capital	44,408	41,890
<b>Supplementary Capital</b>		
Equity instruments	5,467	2,101
<b>Net Capital</b>	49,875	43,991
Total risk weighted assets	\$ 353,102	302,473

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**Equity and supplementary ratios**

	<b>2018</b>	<b>2017*</b>
Basic Capital I Ratio	11.56%	13.85%
Basic Capital Ratio	12.58%	13.85%
Supplementary Capital Ratio	1.54%	0.69%
Net Capital Ratio	14.12%	14.69%
Specific institutional supplement	14.51%	16.65%
Supplement capital conservation	2.50%	2.50%
Supplement of local systemic importance (D-SIB)	0.45%	0.30%
Tier 1 common equity available to cover supplements	4.56%	6.85%
<i>* Final information approved by the Central Bank</i>		
<i>Limits applicable to the inclusion of reserves in supplementary capital:</i>		
Limits applicable to the inclusion of reserves in supplementary capital under standardized methodology	\$ 1,860	1,572

Total weighted assets at risk as of December 31, 2018:

	<b>Risk Weighted assets</b>	<b>Capital requirement</b>
Exposed positions to market risk by risk factor:		
Transactions in pesos at nominal interest rates	\$ 15,931	1,274
Transactions with debt securities in pesos with premium and adjustable rates	795	64
Transactions in Mexican pesos at real interest rates or denominated in UDIS	247	20
Positions in UDIS or with returns linked to the INPC	5	-
Foreign currency transactions at nominal interest rates	822	66
Foreign currency positions or with exchange rate indexed returns	1,371	110
Equity positions or with returns indexed to the price of a single share or group of shares	37	3
Capital requirement for Gamma impact	-	-
Capital requirement for Vega impact	48	4
Total market risk, carried forward	\$ 19,256	1,541

(Continued)

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	<b>Risk Weighted assets</b>	<b>Capital requirement</b>
Total market risk, brought forward:	\$ 19,256	1,541
Weighted assets subject to credit risk by risk group:		
Group I-B (weighted at 2%)	20	2
Group II (weighted at 20%)	60	5
Group II (weighted at 100%)	212	17
Group III (weighted at 10%)	595	48
Group III (weighted at 20%)	3,420	274
Group III (weighted at 25%)	225	18
Group III (weighted at 50%)	4,527	362
Group III (weighted at 100%)	3,278	262
Group IV (weighted at 20%)	2,115	169
Group V (weighted at 20%)	239	19
Group V (weighted at 150%)	1,498	120
Group VI (weighted at 50%)	31,578	2,526
Group VI (weighted at 75%)	18,645	1,492
Group VI (weighted at 100%)	62,946	5,036
Group VII-A (weighted at 11.5%)	729	58
Group VII-A (weighted at 20%)	11,071	886
Group VII-A (weighted at 23%)	264	21
Group VII-A (weighted at 50%)	5,384	431
Group VII-A (weighted at 100%)	142,143	11,371
Group VIII (weighted at 115%)	1,764	141
Group VIII (weighted at 150%)	2,290	183
Group IX (weighted at 100%)	21,376	1,710
Securitization with risk degree 2 (weighted at 20%)	41	3
Derivatives credit valuation adjustment	4,588	367
Total credit risk	319,008	25,521
Weighted assets subject to risk and capital requirement from operational risk	14,838	1,187
Total market, credit and operational risk	\$ 353,102	28,249
Annual average of positive net income for the past 36 months	\$	20,414

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*Total weighted assets at risk as of December 31, 2017:*

	<b>Risk Weighted assets</b>	<b>Capital requirement</b>
Exposed positions to market risk by risk factor:		
Transactions in pesos at nominal interest rates	\$ 11,836	947
Transactions with debt securities in pesos with premium and adjustable rates	687	55
Transactions in Mexican pesos at real interest rates or denominated in UDIS	283	23
Positions in UDIS or with returns linked to the INPC	49	4
Foreign currency transactions at nominal interest rates	330	26
Foreign currency positions or with exchange rate indexed returns	718	57
Equity positions or with returns indexed to the price of a single share or group of shares	766	61
Capital requirement for Gamma impact	9	1
Capital requirement for Vega impact	3,608	289
<b>Total market risk, carried forward</b>	<b>\$ 18,286</b>	<b>1,463</b>

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	<b>Risk Weighted assets</b>	<b>Capital requirement</b>
Total market risk, brought forward:	\$ 18,286	1,463
Weighted assets subject to credit risk by risk group:		
Group I-B (weighted at 2%)	8	1
Group II (weighted at 20%)	325	26
Group II (weighted at 100%)	2,154	172
Group III (weighted at 10%)	128	10
Group III (weighted at 20%)	2,984	239
Group III (weighted at 25%)	1,664	133
Group III (weighted at 50%)	468	37
Group III (weighted at 100%)	1,141	91
Group IV (weighted at 20%)	29,311	2,345
Group V (weighted at 20%)	16,090	1,287
Group V (weighted at 150%)	50,576	4,046
Group VI (weighted at 50%)	1,109	89
Group VI (weighted at 75%)	8,896	712
Group VI (weighted at 100%)	16	1
Group VII-A (weighted at 11.5%)	37	3
Group VII-A (weighted at 20%)	5,033	403
Group VII-A (weighted at 23%)	4,120	330
Group VII-A (weighted at 50%)	114,762	9,181
Group VII-A (weighted at 100%)	285	23
Group VIII (weighted at 115%)	1,793	143
Group VIII (weighted at 150%)	1,846	148
Group IX (weighted at 100%)	23,763	1,901
Securitization with risk degree 2 (weighted at 20%)	47	4
Derivatives credit valuation adjustment	3,856	309
Total credit risk, carried forward	\$ 270,412	21,634

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	<b>Risk Weighted assets</b>	<b>Capital requirement</b>
Total credit risk, brought forward	270,412	21,634
Weighted assets subject to risk and capital requirement from operational risk	13,775	1,102
Total market, credit and operational risk	\$ 302,473	24,199
Annual average of positive net income for the past 36 months	\$	16,820

As of December 31, 2018, the net capital structure of the Bank of \$49,874 had an increase of 13.4% compared to \$43,991 of the year 2017, mainly due to issuance of subordinated debt that computed as non-fundamental basic capital of \$3,577 and supplementary capital of \$3,366; the profits obtained during the year 2018 for \$7,176.

The Bank carried out its Capital Adequacy Assessment Exercise during 2018, this exercise was carefully planned and executed to evaluate the adequacy of capital and liquidity under conditions of stress in internal scenarios. The result of the exercise led to the conclusion that the institution's liquidity and capital would enable it to cope with the risks arising from defined stress scenarios, maintaining its capital ratio and liquidity indicators above minimum requirements.

On April 16, 2018, the Board of Governors of the Banking Commission ratified the Bank as a multiple banking institution of local systemic importance, through Official Letter No. 131/4473/2018. Its degree of systemic importance was defined as Grade I, so it should constitute a capital supplement of 60 basis points. That supplement must be constituted in a period of four years completed in December 31, 2019.

As of December 31, 2018, the weightings involved in calculating the institutions' countercyclical capital supplement is zero.

**(f) Capital management-**

To evaluate the capital adequacy, the Bank starts from its Exposition Plan to obtain a prospective vision of the institution that allows to identify risks which is exposed and to make decisions when monitoring key metrics and indicators, such as: Capital, Liquidity, Profitability and Credit Losses.

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The Exposition Plan has been structured based on a view of the country's macroeconomic scenario and plans of the diverse business lines.

At the same time, to ensure the compliance and the continuous monitoring of the capital sufficiency, the Bank has documented an Action Plan for the Conservation of Capital and Liquidity, which aims to implement early warning indicators, that are the base for the Liquidity and Capital Management Committee, carry out assessments and monitoring in accordance with the policies, as the impact and magnitude of the stress event.

On a quarterly basis, the capitalization notes are incorporated in the financial reports. Such notes have, among others, the following information: composition and integration of capital, composition of total risk weighted assets and by type of risk and estimates of Capital Index.

Likewise annual stress tests as established by the Banking Commission under various scenarios are performed, in order to ensure that the Bank has the sufficient capital to continue receiving funding and granting loans with these stress scenarios and business strategies. Additionally, an analysis of internal stress scenarios starting from the Plan of Exhibitions as base scenario, that integrate various adverse macroeconomic conditions is performed, in order to disclose exposure of the Bank at different risks.

**(21) Related-party balances and transactions-**

During the normal course of business, the Bank carries out transactions with related parties such as loans, investments, deposit funding, services, etc. According to the Bank's policies, the Board of Directors authorizes all credit transactions with related parties, which are granted at market rates with guarantees and terms in accordance with sound banking practices.

The main transactions carried out with related parties for the years ended December 31, 2018 and 2017, are as follows:

	<b>2018</b>	<b>2017</b>
<hr/>		
<b><u>Holding Company</u></b>		
Interest paid	\$ 17	34
	<hr/>	<hr/>

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	<b>2018</b>	<b>2017</b>
<b><u>Other related parties</u></b>		
<b><i>Income</i></b>		
Interest received	\$ 730	1,061
Rents and maintenance	27	8
Commissions	114	178
Financial advisory	(173)	62
Intermediation income	55	53
Co-distribution and administration services	433	396
Others	17	7
<b><i>Expenses</i></b>		
Interest paid	\$ 412	58
Commissions	5	14
Interest and premiums on repurchase agreement	1,302	1,757
Financial advisory	1,265	506
Rents	19	17
Intermediation income	26	1,918
Management and promotion	765	220
Issuance and placement of debt instruments expense	84	16

Balances receivable from and payable to related parties as of December 31, 2018 and 2017 are as follows:

	<b>2018</b>	<b>2017</b>
<b><i>Holding company</i></b>		
<b><i>Payable:</i></b>		
Demand deposits	\$ 130	301

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	<b>2018</b>	<b>2017</b>
<b><u>Other related parties</u></b>		
<b><i>Receivable:</i></b>		
Cash and cash equivalents	\$ (865)	(3,055)
Debtor on repurchase / resell agreements	3,467	14,409
Derivatives	92,365	106,875
Commercial loans	8,778	7,380
Co-distribution	35	35
Prepaid expenses	292	-
Other accounts receivable	326	3,212
<b><i>Payable:</i></b>		
Demand deposits	\$ 1,870	677
Creditor on repurchase / resell agreements	15,518	23,566
Collateral sold or pledge	5,806	2,981
Derivatives	93,054	107,270
Other accounts payable	290	362

For the years ended December 31, 2018 and 2017 there were no changes in the existing conditions of balances receivable from and payable to related parties, there were no items that are deemed irrecoverable or difficult collection and no reserve was required for non-collectability, except loans granted by the Bank where reserves are created according to the methodology of the Banking Commission.

In accordance with Article 73bis of the Credit Institutions Law, the total amount of transactions with related parties is not to exceed 35% of the basic portion of the net capital (see note 20). The loans granted with related parties by the Bank as of December 31, 2018 and 2017 amount to \$5,973 and \$5,461, respectively. The deposits made by related parties as of December 31, 2018 and 2017 amount to \$54 and \$9, respectively.

For the years ended December 31, 2018 and 2017, the benefits granted to senior management amounted to \$112 and \$248, respectively.

**(22) Memorandum accounts-**

**(a) Credit commitments-**

**Credit facilities:**

As of December 31, 2018 and 2017, the balance of authorized credit facilities not withdraw amounted to \$199,768 and \$160,285, respectively, within that amount of committed facilities non-withdraw credit facilities amounted for \$19,772 and \$15,491, in the same year, and other credit commitments by \$14,236 and \$5, respectively.

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**Letters of credit:**

As of December 31, 2018 and 2017, the Bank has issued letters of credit for \$29,048 and \$27,092, respectively.

As of December 31, 2018 and 2017, the allowance created for credit letters amount to \$226 and \$379, respectively, and are included in the allowance for loan losses.

**(b) Assets in trust or under mandate-**

The Bank's trust activity, recorded in memorandum accounts as of December 31, 2018 and 2017, is shown as follows:

	<b>2018</b>	<b>2017</b>
<u>Trust:</u>		
Administration	\$ 188,004	187,519
Guarantee	3,681	3,045
	191,685	190,564
Mandates	29,081	29,023
	<b>\$ 220,766</b>	<b>219,587</b>

Trust revenue accrued for the years ended December 31, 2018 and 2017 amounted \$237 and \$244, respectively and were recorded in the caption "Commission and fee income".

**(c) Assets in custody or under management-**

At December 31, 2018 and 2017, this caption is comprised of property and securities received in custody, guarantee or under management, is shown in the following page.

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	<b>2018</b>	<b>2017</b>
<i>Securities in custody:</i>		
Securities vault	\$ 103	117
General vault		104
Investment transactions	2,663	1,508
Securities transactions	8,802	15,617
Other	7,646	2,789
	<b>19,214</b>	<b>20,135</b>
<i>Securities under management:</i>		
Securities	95,712	84,762
<i>Derivatives transactions</i>		
Futures	51,387	81,039
Swaps	472,944	547,744
Options	2,355	7
	<b>\$ 641,612</b>	<b>733,687</b>

**(d) Collaterals received by the entity and collaterals received and sold or pledged by the entity-**

Collaterals received and collaterals sold or delivered by the Bank at December 31, 2018 and 2017 are analyzed as follows:

***Collaterals received by the entity:***

	<b>2018</b>	<b>2017</b>
Repurchase / resell agreements		
IQ BPAG	\$ -	2,001
LD BONDESD	2,204	26,406
IS BPA 182	4,884	498
IM BPAG	2,298	1,000
M BONOS	2,280	2,011
BI CETES	500	-
CEBIC	-	100
CEDE	400	-
	<b>12,566</b>	<b>32,016</b>
Guarantees received for derivatives transactions	2,176	2,057
Guarantees received for credit operations	28,315	28,214
	<b>\$ 43,057</b>	<b>62,287</b>

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***Collaterals received and sold or pledged by the entity:***

	<b>2018</b>	<b>2017</b>
Collaterals received and sold or pledged by the entity:		
LD BONDESD	\$ 1,616	17,993
M BONOS	2,280	2,004
IS BPA 182	4,885	498
BI CETES	500	-
CEBIC	-	100
	<b>\$ 9,281</b>	<b>20,595</b>

***(e) Investments on behalf of customers-***

As of December 31, 2018 and 2017 funds managed by the Bank following customer instructions for investment in different instruments of the Mexican financial system are recorded in memorandum accounts and are analyzed as follows:

	<b>2018</b>	<b>2017</b>
Private equity	\$ 997	1,518
Government securities	55,345	50,494
Mutual funds	41,638	42,219
Bank securities not issued by the Bank	20,343	9,744
Otros	2,488	-
<b>Total</b>	<b>\$ 120,811</b>	<b>103,975</b>

The amount of any funds invested in the Bank's own instruments forms part of the liabilities included in the consolidated balance sheet.

***(23) Additional information on operations and segments-***

***(a) Segment information-***

The Bank's operations are classified in the following segments: "Credit and services" (acceptance of deposits, granting of loans) and "Trading and treasury" (securities, derivatives and currency transactions). For the years ended December 31, 2018 and 2017, income by segment is analyzed in the next page.

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	<b>Credit and services</b>	<b>Trading and treasury</b>	<b>Total</b>
<b>December 31, 2018</b>			
Interest income, net	\$ 22,118	140	22,258
Commissions and fees, net; result from trading and other operating income (expense)	6,307	172	6,479
Net operating revenues	28,425	312	28,737
Allowance for loan losses	(3,518)	-	(3,518)
Administrative and promotional expenses	(16,356)	(929)	(17,285)
Income before income taxes and equity method in the results of associated companies	8,551	(617)	7,934
Equity method in the results of associated companies			1
Income taxes and deferred income, net			(759)
<b>Net income</b>		<b>\$</b>	<b>7,176</b>

	<b>Credit and services</b>	<b>Trading and treasury</b>	<b>Total</b>
<b>December 31, 2017</b>			
Interest income, net	\$ 18,170	1,296	19,466
Commissions and fees, net; result from trading and other operating income (expense)	5,467	242	5,709
Net operating revenues	23,637	1,538	25,175
Allowance for loan losses	(3,687)	-	(3,687)
Administrative and promotional expenses	(13,483)	(772)	(14,255)
Income before income taxes and equity method in the results of associated companies	6,467	766	7,233
Equity method in the results of associated companies			1
Income taxes and deferred income, net			(686)
<b>Net income</b>		<b>\$</b>	<b>6,548</b>

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**(b) Financial margin-**

For the years ended December 31, 2018 and 2017, the financial margin in the consolidated statement of income is comprised as follows:

Interest income:

Interest income for the years ended December 31, 2018 and 2017 is comprised as follows:

	<b>Credit and services</b>	<b>Trading and treasury</b>	<b>Total</b>
<b>December 31, 2018</b>			
Cash and cash equivalents	\$ -	1,906	1,906
Margind accounts	-	56	56
Investment securities	-	4,029	4,029
Securities on repurchase / resell agreements	-	1,931	1,931
Current loan portfolio	35,182	-	35,182
Past due portfolio	72	-	72
Loan origination fees	537	-	537
	<b>\$ 35,791</b>	<b>7,922</b>	<b>43,713</b>

	<b>Credit and services</b>	<b>Trading and treasury</b>	<b>Total</b>
<b>December 31, 2017</b>			
Cash and cash equivalents	\$ -	1,395	1,395
Margind accounts	-	38	38
Investment securities	-	3,434	3,434
Securities on repurchase / resell agreements	-	2,293	2,293
Current loan portfolio	27,322	-	27,322
Past due portfolio	210	-	(210)
Loan origination fees	495	-	495
	<b>\$ 28,027</b>	<b>7,160</b>	<b>35,187</b>

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An analysis of the loan portfolio interest and commission income by type of loan is shown below, for the years ended December 31, 2018 and 2017:

	<b>2018</b>		<b>2017</b>	
	<b>Current</b>	<b>Past-due</b>	<b>Current</b>	<b>Past-due</b>
Commercial	\$ 12,967	48	9,256	51
Financial institutions	3,016	-	2,791	-
Consumer	7,298	21	5,598	10
Residential mortgages	11,398	-	9,571	149
Government entities	1,040	3	601	-
	35,719	72	27,817	210
	<b>\$ 35,791</b>		<b>28,027</b>	

For the years ended December 31, 2018 and 2017, commissions that represent a yield adjustment of 0.22%, 1.28% and 0.08%, for 2018, as well as 0.21%, 3.58% and 0.12% for 2017, respectively, are recorded within the total interest income from commercial, consumer and residential loans.

For the years ended December 31, 2018 and 2017, total interest income includes interest denominated in foreign currency amounting to 48 million dollars and 34 million dollars, respectively.

Loan origination fees for the years ended December 31, 2018 and 2017 are comprised as follows:

	<b>2018</b>	<b>2017</b>
Commercial	\$ 187	178
Consumer	247	191
Residential mortgages	103	126
	<b>\$ 537</b>	<b>495</b>

Amortization term for the fees are from 12 to 360 months.

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*Interest expense:*

Interest expense for the years ended December 31, 2018 and 2017 is comprised of the following:

	<b>Credit and services</b>	<b>Trading and treasury</b>	<b>Total</b>
<b>2018</b>			
Demand deposits	\$ 3,319	-	3,319
Time deposits	9,884	-	9,884
Debt securities issued	-	2,020	2,020
Bank and other borrowings	-	1,871	1,871
Subordinated debt issued	-	493	493
Securities on repurchase/resell agreements	-	3,265	3,265
Discounts debt issuance	-	1	1
Issuance and placement of debt securities expense	-	104	104
Loan origination fees and expenses	470	-	470
Interests in charge associated with the global account of deposits without movements	-	28	28
	<b>\$ 13,673</b>	<b>7,782</b>	<b>21,455</b>

	<b>Credit and services</b>	<b>Trading and treasury</b>	<b>Total</b>
<b>2017</b>			
Demand deposits	\$ 2,627	-	2,627
Time deposits	6,859	-	6,859
Debt securities issued	-	1,223	1,223
Bank and other borrowings	-	948	948
Subordinated debt issued	-	157	157
Interests in charge associated with the global account of deposits without movements	-	45	45
Securities on repurchase/resell agreements	-	3,468	3,468
Discounts debt issuance	-	6	6
Issuance and placement of debt securities expense	-	16	16
Loan origination fees and expenses	372	-	372
	<b>\$ 9,858</b>	<b>5,863</b>	<b>15,721</b>

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**(c) Commission and fee income-**

For the years ended December 31, 2018 and 2017, the commission and fee income are analyzed as follows:

	<b>2018</b>	<b>2017</b>
Letters of credit with no refinancing	\$ 171	151
Account handling	313	360
Trust activities	237	244
Fund transfers	145	154
Electronic banking services	136	135
Credit transactions	1,529	1,204
Other fees and commissions collected	2,478	2,196
	<b>\$ 5,009</b>	<b>4,444</b>

**(d) Financial intermediation income-**

For the years ended December 31, 2018 and 2017, financial intermediation income is analyzed as follows:

	<b>2018</b>	<b>2017</b>
<i>Unrealized valuation:</i>		
Investment securities	\$ 2	4
Derivatives:		
Trading	(1,007)	579
Hedging	11	1
Available-for-sale hedge securities	1	-
Foreign currencies and precious metals	351	1,973
	<b>(642)</b>	<b>2,557</b>
<i>Realized gain or (loss):</i>		
Investment securities	(235)	(79)
Derivatives:		
Trading	(30)	(2,587)
Hedging	2	-
Transaction costs	(1)	-
Foreign currencies and precious metals	1,078	351
	<b>814</b>	<b>(2,315)</b>
	<b>\$ 172</b>	<b>242</b>

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**(e) Other operating income (expenses)-**

For the years ended December 31, 2018 and 2017, other operating income (expenses) is analyzed as follows:

	<b>2018</b>	<b>2017</b>
Revenue from acquisition of credit portfolio, net	\$ 53	-
Dividends	180	96
Donations	(35)	(22)
Income on sale of foreclosed assets	131	191
Income from securitization	16	60
Taxation	4	1
Other recoveries	1	33
Income from credit insurance	1,104	969
Armored transportation fees	16	13
Distribution of shares of mutual funds	433	396
Loans to employees	131	141
Food coupons	124	190
Cancellation of allowance for loan losses excess	(202)	(541)
Others, mainly support services	255	238
	<b>\$ 2,211</b>	<b>1,765</b>

**(f) Financial ratios (unaudited)-**

The following are the main quarterly financial ratios of the Bank as of and for the years ended December 31, 2018 and 2017:

	<b>2018</b>			
	<b>Fourth</b>	<b>Third</b>	<b>Second</b>	<b>First</b>
Delinquency index	2.18%	2.15%	2.06%	2.20%
Coverage of past-due loan portfolio index	120.8%	126.1%	131.4%	135.7%
Operating efficiency (administrative and promotional expenses / average total assets)	4.4%	3.4%	3.2%	3.1%
ROE (annualized net income for the quarter / average stockholders' equity)	11.2%	12.8%	18.1%	16.4%
ROA (annualized net income for the quarter / average total assets)	1.1%	1.3%	1.9%	1.8%
Net capital / Assets at credit risk	15.63%	15.66%	15.78%	15.91%
Net capital / Assets at credit, market and operational	14.12%	14.23%	14.33%	14.39%
Liquidity (liquid assets / liquid liabilities)	62.0%	57.1%	52.3%	47.9%
Financial margin after allowance for loan losses / Average earning assets	4.0%	3.9%	4.6%	3.8%

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	<b>2017</b>			
	<b>Fourth</b>	<b>Third</b>	<b>Second</b>	<b>First</b>
Delinquency index	2.24%	2.20%	2.20%	2.20%
Coverage of past-due loan portfolio index	129.50%	128.50%	124.80%	126.30%
Operating efficiency (administrative and promotional expenses / average total assets)	3.10%	3.60%	3.50%	3.60%
ROE (annualized net income for the quarter / average stockholders' equity)	23.00%	11.10%	11.60%	13.20%
ROA (annualized net income for the quarter / average total assets)	2.40%	1.20%	1.10%	1.40%
Net capital / Assets at credit risk	16.23% <sup>(1)</sup>	15.85%	16.03%	16.52%
Net capital / Assets at credit, market and operational	14.69% <sup>(1)</sup>	14.31%	13.49%	13.46%
Liquidity (liquid assets / liquid liabilities)	45.30%	54.00%	48.80%	45.20%
Financial margin after allowance for loan losses / Average earning assets	4.10%	3.80%	4.20%	3.90%

<sup>(1)</sup> For approval of the Central Bank

**(24) Commitments and contingencies-**

**(a) Leases-**

Leases provide for periodic rental adjustments based on changes in various economic factors. Total rental expense in office property, software and other for the years ended December 31, 2018 and 2017, amounted to \$718 and \$951, respectively.

**(b) Claims and trials-**

In the normal course of the operations, the Bank is involved in some claims and trials, which are not expected to have an important negative effect in the future financial situation and in the results of its operations. In such cases that represent a probable loss or make a cash outflow, the Bank has made necessary provisions.

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**(25) Risk management (unaudited information)-**

The following foot note focuses on the risk management of the Bank and its subsidiaries Globalcard and Scotia Derivados.

Certain amounts and/or percentages calculated in this note may vary slightly against the same amounts or percentages indicated in any other note to the consolidated financial statements due to rounding of the amounts.

The purpose of the comprehensive risk management function is to identify and measure risks, follow up on the impact that these risks may have on the operations and control their effects on income and shareholder value by applying the best mitigating strategies available, and the incorporation of the risk culture in daily transactions.

According to the General Provisions applicable to Credit Institutions in terms of risk management issued by the Banking Commission, the Board of Directors assumes responsibility over the Bank's risk management objectives, guidelines and policies. At least once a year, the Board of Directors approves the objectives, guidelines and policies as well as the limit structure for the various types of risk.

Pursuant to the policies in force, the Board of Directors entrusts the implementation of the risk policies and the setting of specific limits by risk factor as well as the implementation of the procedures designed to measure, manage and control risks to the Risk Management Committee and the Comprehensive Risk Management Unit (UAIR).

Furthermore, the Risk Management Committee delegates responsibility to the Asset-Liability Committee for monitoring compliance of policies and procedures concerning market and liquidity risks. In like manner, the UAIR has policies for reporting deviations from the specified limits, which it should report to the Risk Committee and the Board of Directors.

The Bank's Comprehensive Risk Management Unit is represented by the Assistant General Risk Management (Risk DGA) and relies for the management and administration of the different types of risk (i.e. credit, liquidity, interest rate, market and operational, among others), on the Risk Corporate Management (Risk CD), which in turn is organized into 6 managements designed to monitor and reduce the risks to which the Bank is exposed; this in order to ensure an adequate risk management to comply with the risk profile wanted and defined by the Management Board, and also to improve quality, diversification and composition of the different portfolios, optimizing the risk-return ratio; for the particular case of Globalcard, the UAIR is represented by Risk CD.

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The UAIR is responsible for reviewing and submitting for the approval of the Risk Committee and/or the Board of Directors the different methodologies used to manage the risks to which the Bank is exposed as well as the risk appetite framework, management policies for the different types of risk, global and specific exposure limits and the corresponding risk tolerance levels. Additionally, it is also responsible for providing Senior Management with reliable and timely information to support decision-making monitoring, management and administration of the different lines of business.

Finally, risk management is based on the best international practices because it has a regulatory framework that allows not only to comply with local regulations but also with corporate standards and guidelines established by BNS.

**(a) Market risk-**

The purpose of the market risk management function is to identify, measure, monitor, and control risks arising from interest, exchange rate, stock market price and index fluctuations and other risk factors that are present in the money, foreign exchange, capital and derivative instruments markets, in which the Bank maintains business positions for its own account.

The Bank's risk positions include fixed and floating rate money market instruments, stock, foreign exchange positions and derivatives such as: interest rate futures, futures, foreign exchange forwards and options, interest rate swaps, interest rate options and foreign currency swaps. For each portfolio, there are established and approved limits.

The market risk limits framework contemplates volumetric or notional amounts for value at risk, sensitivity, concentration, "stress" limits and due dates, among others.

Market risk management includes monitoring that the risk mitigating factors are up to date and accurate, in this regard, the established and approved limits for each one of the portfolios are daily monitoring and annually reviewed. Furthermore, the models used to manage market risk are reviewed at least biannually; and the Risk Committee and Board of Directors are periodically informed of the performance of the limits, as well as the Market Risk indicators. It is relevant to mention that the limits approved by the Risk Committee and Board of Directors are aligned with the Bank's Risk Appetite.

Market risk is managed is conducted through specialized systems that perform risk estimates such as risk value, sensitivity and stress tests.

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The Bank's securities trading activities are directed primarily to providing service to its customers, therefore, for this purpose, the Bank holds an inventory of financial instruments of shares, interest rates and foreign exchange, the access to market liquidity is available through offers to buy from and sell to other intermediaries. In addition, the Bank has treasury positions invested in the money market so that surplus cash generates the maximum yields. The trading securities portfolio (fixed and variable income and derivative instruments) is marked to market on a daily basis, such information is included daily in the corresponding reports.

Value-at-risk (VaR)

The VaR is an estimate of the potential loss of value within a specific level of statistical confidence, that might arise from maintaining a specific position during a specific period of time (the holding period) under normal market conditions. VaR is calculated daily on all of the Bank's risk-exposed financial instruments and portfolios.

The VaR is calculated using the historical simulation method, with a 300-working day time span. To conform to the measurement methodologies used, the Group calculates the VaR considering a 99% confidence level and a 1 day holding period.

The global VaR observed at the end of a day during the fourth quarter of 2018 was \$3; as a percentage of net capital (\$42 at December 2018, latest figure available) at the period's end is equal to 0.01%. During the fourth quarter of 2018, the average one-day VaR, broken down by the Bank's risk factors is as follows:

<b><u>Risk factor</u></b>	<b><u>December 2018</u></b> <b><u>Average VaR 1 day</u></b>	<b><u>December 2017</u></b> <b><u>Average VaR 1 day</u></b>
Interest rates	3.14	4.86
Capitals	0.10	0.41
Foreign exchange rates	<u>0.49</u>	<u>0.14</u>
Diversification effect	<u>(0.59)</u>	<u>(0.62)</u>
Total	<u>3.14</u>	<u>4.79</u>

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The distribution of the exposure to market risk (position vs. value at risk) of the trading portfolio in December 2018 is as follows:

<b>December 2018</b>	<b>Position</b>	<b>VaR</b>
<b>Bank</b>	<b>742,315</b>	<b>2.871</b>
Money market	19,575	2.679
SC Swaps (MXN / USD)	578,075	
CC Swap	24,633	
Caps & Floors (MXN / USD)	54,230	
Derivatives market		1.040
<b>Market portfolio of interest rates and interest rate derivatives</b>	<b>676,512</b>	<b>2.759</b>
Equity shares	8	0.260
Capital derivatives	8,628	0.852
<b>Equity shares portfolio</b>	<b>8,637</b>	<b>0.997</b>
Spot FX	2,8652	0.038
FX FWD	42,647	
FX Options	14,517	
FX Derivatives	57,164	0.018
<b>Foreign exchange portfolio</b>	<b>57,166</b>	<b>0.043</b>

Figures expressed in millions of pesos

Figures expressed in value added

Only trading positions are included

Capital derivatives include local and international underlying

Money market (bonuses) is expressed in net figures (long – short)

Included the Treasury's position

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The distribution of exposure to market risk (position vs. value at risk) of the trading portfolio in December 2017 is as follows:

<b>December 2017</b>	<b>Position</b>		<b>VaR<sup>1</sup></b>	
	<b>Average</b>	<b>Closing</b>	<b>Average</b>	<b>Closing</b>
<b>Bank</b>	<b>724,039</b>	<b>725,134</b>	<b>4.79</b>	<b>4.63</b>
Mexican pesos:				
Money market	8,236	5,076	3.95	3.18
Interest rate swaps	588,925	585,542	5.78	4.09
Caps & Floors	33,259	34,880	1.38	2.15
<b>Interest rate market and rate derivatives/4</b>	<b>630,420</b>	<b>625,498</b>	<b>4.86</b>	<b>4.68</b>
Shares	13	15	0.41	0.35
Capital derivatives (national underlying)	448	528	-	-
Capital derivatives (international underlying)	12,881	19,108	-	-
<b>Equity shares portafolio</b>	<b>13,342</b>	<b>19,651</b>	<b>0.41</b>	<b>0.35</b>
FX Forwards <sup>3,4,5</sup>	1,782	2,295	0.01	0.01
FX Trading <sup>3,4</sup>	-	-	0.02	0.19
Currency Options <sup>4</sup>	633	-	-	0.00
Dollar futures <sup>4</sup>	-	-	-	-
Currency Swaps <sup>4</sup>	1,668	1,773	0.12	0.13
Metal Forwards <sup>4</sup>	-	-	-	-
<b>FX trading, currency and metals derivatives</b>	<b>4,083</b>	<b>4,068</b>	<b>0.15</b>	<b>0.33</b>

1. The VaR is expressed in millions of pesos.
2. Only the VaR is shown as the position is in number of contracts operated in MexDer and is presented in separate tables.
3. The forwards position is gross (long + short) while the exchange position is net (long – short)
4. The position is expressed in millions of US dollars.
5. Includes the net position of Treasury foreign exchange forwards.

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During the quarter October - December 2017, the Bank participated in the MexDer, operating interest rate futures contracts. Positions for the fourth quarter of 2017 (number of contracts) are shown as follows:

<u>Underlying</u>	<u>Average</u>	<u>Closing</u>
TIE Swaps <sup>1</sup>	\$ 179,217	184,550

1. The position is in number of contracts operated in the MexDer.

Stress testing is performed daily, with the purpose of determining exposure to risk considering large abnormal fluctuations in market prices (changes in volatility and correlations between risk factors). The Risk Committee has approved stress limits.

The stress testing during the last quarter of 2018 shows a maximum loss of \$94, which compared with the \$2,000 limit, is within the acceptable parameters. Scenario used for this test is the Emerging Markets 2008, this scenario represents the world sub-prime or real estate crisis of 2007-2008 and its impact in Mexico.

On the other hand, back-testing is performed monthly for comparing the theoretical losses and gains to the observed VaR and thus calibrate the models being used. The model's efficiency level is based on the approach established by the Bank for International Settlements (BIS).

For the valuation and risk models, references are used on updated prices, interest rate curves and other risk factors provided by the price supplier "Valuación Operativa y Referencias de Mercado, S. A. de C. V".

### ***Sensitivities***

#### Qualitative information on sensitivities

Daily, the market risk sensitivities are calculated for each portfolio to which the Bank is exposed. During 2018, no changes were made to the assumptions, methods or parameters used for this analysis.

Next, a description of the methods, parameters and assumptions used for the portfolio of stock, currency, interest rates and derivative products, is disclosed.

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*Interest rate portfolio*

Sensitivity measures produced for fixed-income instruments (bonds) are based on estimating the behavior of the portfolio's value in response to a change in the market interest rates.

The sensitivities of the fixed-income instruments portfolio are based on durations and convexities, depending on the particular type of instrument, generating 2 types of measures: (i) the expected change in the portfolio value in response to a change of 1 bp (0.01%) in the yield curve; and (ii) the expected change in the portfolio value in response to a change of 100 bp (1%) in the yield curve. For purposes of this disclosure, we only report the changes in 1 bp.

Two sensitivities are calculated for floating rate bonds: the one relating to the free-risk rate and the other for the spread. In zero-coupon bonds, the computation of the sensitivity of zero coupon instruments, the term to maturity, expressed in years, is used as duration.

*Interest rate derivatives*

TIIE and CETE futures: This type of derivative instruments is modeled for purposes of calculating sensitivities such as the future of a zero-coupon rate and, therefore, its duration is taken into account in estimating its sensitivity.

M bond futures: The sensitivity considers the duration and convexity over the bonds deliverable under these contracts.

Interest rate swaps: For determining the sensitivity to changes in the yield curve of TIIE swaps a 1 bp change is made in each of the relevant points in the yield curve and a 1 and 100 bp is made parallel, valuing the portfolio with the different curves and calculating the change in the portfolio's value with each of these changes. For information purposes, just changes in 1 bp are reported.

*Stock portfolio and IPC derivatives*

*Equity shares*

For stock position purposes, the sensitivity is obtained calculating the Delta by issue within the portfolio. Delta is defined as the change in the portfolio's value in response to a 1% change in the value of the underlying asset.

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*Equities derivatives*

This sensitivity is calculated through the Delta. This portfolio has limits expressed in notional terms.

The Delta risk is defined as the change in the value of the option in response to a change of a predetermined magnitude in the price of the underlying asset (for example 1%). Its calculation is made by valuing the option with different underlying asset levels (one original and one with a +1% shock) and maintaining all other parameters constant.

In the case of non-linear products such as warrants and options, the Delta and the "Greeks". The calculation of sensitivities is based on the formula for modeling options on futures known as the Black (1976) Option Pricing Formula.

Dividend Risk. The valuation of options on index or stocks assumes a known continuous compound dividend rate. Dividends, however, are an estimate and therefore an unknown variable, representing a risk factor for the valuation and the consequent loss and profit analysis of operations with options.

There is no Greek letter associated to the sensitivity of dividend risk and in the case of options on indices and stock in the Bank, measurement is made by increasing the dividend rate 1% (i.e. from 1% to 1.01%).

*Currency portfolio and currency derivatives*

*Currency*

The sensitivity is calculated as the Delta by currency as the change in the portfolio's value in response to a 1% change in the value of the underlying asset.

*Currency derivatives*

Currency forwards and futures: For this portfolio, the sensitivity is calculated for each currency in response to changes in the interest rate, as the present value result in response to a parallel or not parallel 1 basis point change along the respective yield curves, with all other factors remaining constant.

Currency options: For exchange rate options, sensitivities known for the Greek letters (i.e. Delta, Gamma, Vega, Theta and Rho) are calculated.

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Cross Currency Interest Rate Swap (CCIRS): For determining the sensitivity to changes in the yields curve, a one basis point change is made along the respective yields curves, valuing the portfolio with the different curves and calculating the change in the portfolio's value with each of such changes. Also, a parallel analysis with a change of 100 basis point is made. In addition, a one basis point change is made not parallel to the yield curves by time gaps, maintaining all other factors constant. For purposes hereof, we only present the sensitivity for 1 basis point.

Quantitative information on sensitivities

*Interest rate sensitivities*

The following table shows the sensitivity of one bp at December 31, 2018 and 2017:

**Sensibility 1pb**

<b>Bank</b>	<b><u>December</u></b> <b><u>2018</u></b>	<b><u>December</u></b> <b><u>2017</u></b>
Money market	0.286	0.103
SC Swaps (MXN / USD)	0.060	(0.371)
CC Swaps	0.010	
Caps & Floors (MXN / USD)	0.027	0.126
Derivatives market	0.097	(0.142)
<b>Interest rate market and rate derivatives portfolio</b>	<b>0.383</b>	<b>(0.039)</b>

Figures expressed in millions of pesos  
Includes the Treasury position

At December 31, 2018, the Bank presents sensitivity in the interest rate portfolio of \$0.383

*Equity shares and IPC derivatives*

Sensitivities for the equity shares and IPC derivatives portfolio at December 31, 2018 and 2017, are not material.

*FX and FX derivatives portfolio*

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**Sensibility 1pb**

<b>Bank</b>	<b><u>December</u> <u>2018</u></b>	<b><u>December</u> <u>2017</u></b>
Spot FX	0.0000	0.000
FX FWD	(0.001)	0.000
FX options	0.000	0.000
FX derivatives	(0.001)	0.000
<b>Currency derivatives, FX portfolio</b>	<b>(0.001)</b>	<b>0.000</b>

Figures expressed in millions of pesos  
Includes the Treasury position

Foreign Exchange desk (spot/forward) does not present material exposures.

FX options pesos-dollar, "greeks"

The position and sensitivities of the foreign currency options portfolio as of December 2018, are as follows:

Greeks December 2018

<b>Bank</b>	<b><u>Delta</u></b>	<b><u>Vega</u></b>	<b><u>Gamma</u></b>	<b><u>Theta</u></b>
<b>FX options</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

Figures expressed in millions of pesos  
Includes the Treasury position

**(b) Liquidity and interest rate risk**

The Bank and its subsidiaries assume liquidity risks as an intrinsic part of its function as financial intermediary. The liquidity risk is the result of cash flow gaps. The objective of the liquidity risk management process is to guarantee that the Bank will be able to meet the totality of its obligations as they become due and payable. To such end, the Bank and its subsidiaries apply controls to liquidity gaps, monitors key liquidity indicators, maintains diversified funding sources, establishes limits and maintains a minimum percentage of liquid assets.

The Bank manages exposure to liquidity risk and interest rate risk according to the applicable regulatory provisions and the better market practices, considering those positions for structural handling of the balance sheet.

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Funding strategy is determined by the Group Treasury but condensed and authorized by the Assets and Liabilities Committee, where various departments of the Bank are involved, including business areas.

Liquidity and interest rate risk management includes monitoring that the risk mitigating factors are up to date and accurate, for which the limits set and approved for the management of these risks are reviewed annually and monitored periodically. Furthermore, the models used to manage liquidity and interest rate risks are reviewed at least biannually. Additionally, the Risk Committee and Board of Directors are periodically informed of the performance of the limits, as well as of the liquidity and interest rate risk indicators.

Limits related to liquid assets, liquidity gaps, margin sensitivity and economic value sensitivity are among the limits applicable to the management of liquidity and interest rate risk. These limits are reviewed at least annually in order to validate that they are aligned with the institution's risk appetite. The structure of liquidity and interest rate risk limits contemplates volumetric or notional amounts.

It is relevant to mention that the limits approved by the Risk Committee and Board of Directors are aligned with the institution's Risk Appetite.

Liquidity and interest rate risk is conducted through specialized systems where risk estimates related to liquidity risk are performed.

Additionally, it is important to indicate that there are prospective metrics for liquidity and interest rate risk management, which are incorporated in the annual exercise of the Institution's Exposure Plan and Enterprise Wide Stress Testing.

The liquidity risk is monitored and controlled through accumulated liquidity gaps . These gaps are built through maturities and cash flows from payments of the different instruments of the balance sheet, both assets and liabilities, thus creating a daily gap that corresponds to the differences between payment obligations and receivables generated day to day. The liquidity gaps include the Bank's contractual maturity flows (cash inflows and outflows). The liquidity gaps are estimated under corporate guidelines that consider normal market conditions and are different from those gaps calculated for estimating the Liquidity Coverage Ratio, since the last include stress factors for both inflows and outflows.

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For measuring liquidity risk, the cumulative liquidity gaps at the closing of December 2018 and the average of the fourth quarter of the Bank were as follows:

	<b>December 2018</b>	<b>Average position</b>
30-day cumulative gap (MXN + UDI's+ USD)	\$ 8,625	(18,588) <sup>(1)</sup>
Liquid assets (under CCL metric)	39,244	23,379

<sup>(1)</sup> The average includes the period of January 2018 to December 2018, however, it is highlighted that on November 16, 2018 there were changes in the methodology.

The cumulative liquidity gaps of Globalcard at the closing of December 31, 2018, were as follows:

	<b>December 2018 <sup>(1)</sup></b>	<b>Average Position <sup>(1)</sup></b>
30-day cumulative gap	\$ 969	93

<sup>(1)</sup> The average includes the period of January 2018 to December 2018, however, it is highlighted that on November 16, 2018 there were changes in the methodology.

The accumulated liquidity gaps imply contractual maturities, including hedging derivatives positions. It is important to mention that at the end of December 2018, the cumulated gap was positive, because in the 30-day window under normal conditions, more cash inflows than outflows were contemplated.

Interest rate risk arises as a result of funding, placement and investment activities of the Bank and is derived from the uncertainty in earnings and/or value of the portfolio as a result of changes in interest rates, that occurs when there are mismatches (gaps) in the review of assets and liabilities with contractual maturity or subject to rate revision within a specified period, or else, when there are different reference rates for assets and liabilities. This risk materializes due to a change in interest rates such as a variance in financial margin.

Indicators such as sensitivity of economic value and margin sensitivity are used to measure interest rate risk using repricing gaps, built based on reference rates of assets and liabilities. In the case of fixed rate positions the indicators are modeled according to contractual amortizations and maturities, while positions referenced to a floating rate are modeled according to their next repricing date.

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The methodology for calculating the indicators considered assumptions of stability of demand deposits and prepaid mortgages. The first is an analysis of crops while the second considers credit recency segmentation to assign it a prepaid rate.

Both the sensitivity of Economic Value and the margin sensitivity contemplate an impact of  $\pm$  100 base points (bp) on interest rates and considers the maximum loss expected by currency.

The sensitivity of the Economic Value incorporates the impact of change in interest rates on total expected cash flows in a 30-year window and provides a measure of long-term impact of these variations, while the time window to estimate margin sensitivity is 12 months.

The variation between the economic value estimated and the estimated variation in the financial income for the Bank, at the end of December and on average for 2018, is shown as follows:

	<b>2018 <sup>(1)</sup></b>		<b>2017 <sup>(2)</sup></b>	
	<b>December</b>	<b>Average</b>	<b>December</b>	<b>Average</b>
Economic value (-100 pbs)	\$ (61)	(39)	(592)	(657)
Margin sensitivity (+ 100 bps)	657	616	478	476

(1) Sensitivities based on the new interest rate model approved by the Risk Committee in November 2018. Average figures consider the November-December 2018 period, taking into account the change to the model assumptions.

The variation between the economic value estimated and the estimated variation in the financial income for the Bank, at the end of December and on average for 2018, is shown as follows:

	<b>2018 <sup>(1)</sup></b>	
	<b>December</b>	<b>Average</b>
Economic value	\$ 1	1
Margin sensitivity	32	30

(1) Millions of Mexican pesos, aligned to the interest rate model of the Bank.

Treatment for securities available for sale – Below is the valued position for the Bank available for sale investments at December 2018 and 2018 average.

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	<b>2018</b>	
	<b>December</b>	<b>Average</b>
Bank	\$ 13,022	8,012
Corporate	584	365
Government	24,837	24,347
Total	\$ 38,443	32,724

At the closing of December 2018 and the 2018 average, Globalcard did not have securities available for sale.

Available-for-sale securities, as being integral part of the balance sheet management for the Bank, are monitored under the sensitivity measurements already explained (Economic Value and margin sensitivity) and therefore are excluded in the VaR calculation.

At the closing of December 2018, Globalcard does not have investments in securities for purposes of structural management of the balance. The purpose of such investment is the structural management of the balance sheet, and the corporate assumptions regarding sensitivity metrics are applicable.

The following page shows a summary of hedging derivatives at closing of December and average of the fourth quarter used by the Bank for interest rate and foreign exchange risk hedge purposes. These positions are excluded from the VaR calculation because their purpose is to hedge the structural balance of the Bank and the risk factor sensitivity is measured within the Economic Value of the Bank and Margin Sensitivity.

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Strategy	December 2018 Notional	December 2017 Notional
<b>Interest rate swaps paid at fixed rate (cash flows)</b>	<b>\$ 26,885</b>	<b>22,085</b>
0y - 3y	3,660	7,160
3y - 5y	18,225	10,165
5y - 10y	5,000	4,760
<b>Interest rate swaps paid at floating rate (cash flows)</b>	<b>4,090</b>	<b>7,090</b>
0y - 3y	4,090	7,090
<b>Interest rate swaps paid at fixed rate (fair value)</b>	<b>12,008</b>	<b>12,008</b>
0y - 3y	7,370	5,403
3y - 5y	6,712	1,640
5y - 10y	1,796	4,965
<b>Interest rate swaps paid at fixed rate (fair value in USD)</b>	<b>61</b>	<b>3</b>
0y - 3y	61	3
<b>CCIRS paid at fixed rate (fair value in USD)</b>	<b>10</b>	<b>-</b>
0y - 3y	10	-

**Bank's rating downgrade**

The Bank periodically measures the impact and the consequences this scenario would have on liquidity measures and liquid assets. A summary of the requirements a downgrade of the institution would have on 3 levels at the end of December 2018 and the annual average of 2018 are shown below:

	2018	
	December average	2018 average
<b>Downgrade (3 levels)</b>	\$ 1,362	1,076

**(c) Credit risk-**

Credit risk is defined as the potential loss due to default by a borrower or counterparty in transactions carried out by the Bank and its subsidiaries. This risk affects not only the loan portfolio but the securities portfolio, transactions in derivatives and other financial instruments.

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The Bank's credit risk management is based on the application of well defined strategies for controlling this type of risk, which include the centralization of credit processes, the diversification of the portfolio, credit analysis, close monitoring and a credit risk rating model, this credit risk management incorporates the totality of portfolios with credit risk including derivatives and financial instruments.

The Bank has three different levels of credit resolution: the Board of Directors, the Credit Committees and joint powers of the Credit department. Each level is defined depending on the amount of the transaction, the type of borrower and the purpose for which the funds will be used.

For the management of credit risk, the information is extracted from the various applications and systems available to the Bank. It is also through specialized systems where estimates are made, such as the expected loss, unexpected and potential future exposure. (PFE) for the counterparty credit risk.

In the case of the Bank, particularly in commercial loans, business areas continually evaluate the financial position of each client, by exhaustively reviewing and analyzing the risk of each loan at least once a year. When impairment of the financial position of the client is detected, the credit rating is changed. Thus, the Bank determines the changes in the risk profiles of each client. These reviews consider the global credit risk, including operations with financial instruments, derivatives and changes. Complementary reviews are conducted more frequently on identified higher than acceptable risks, at least quarterly.

There are origination models that evaluate the credit quality of the borrowers for the case of mortgage and consumer portfolio (personal loans, automotive loans, revolving and Globalcard), hereinafter referred to as the Bank's consumer portfolio, and there are also policies and procedures established to manage the authorization processes of new credits <sup>1</sup> and monitor the credit quality of the different credit portfolios.

In the case of Globalcard, the control of management of the loans is carried out through periodic reviews, analysis, models and follow-up processes within the DCR Retail and PyME VP. The portfolio credit rating is performed on a monthly basis taking into account the default probability, loss severance and default exposure according to the Provisions; additionally, the transfer to portfolio past due also follows the regulatory rules.

(Continued)

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<sup>1</sup> Globalcard currently has no new portfolio placement; the main activity being portfolio management; notwithstanding the foregoing, Globalcard has the structure, policies and manuals for the origination of credits.

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Credit risk concentrations- The Bank has implemented policies and procedures to maintain a sound and diversified portfolio with a prudent and controlled risk. Among such policies are the setting of credit risk exposure limits, considering business unit, currency, term, sector, etc. The limits are authorized annually to the Risk Committee and/or the Board of Directors; their behavior is monitored and reported to the Risk Committee on a monthly basis and to the Board of Directors every quarter.

Methodology to identify, quantify, manage and control credit risk - The process to set exposure limits for each type of portfolio subject to credit risk contemplates the analysis of the information and identification of the risks inherent to each borrower, documented policies based on an authorization process and ongoing review. All credit exposures are monitored by the UAIR through the Associate Director of Credit Risk and Counterparty for each type of portfolio (commercial including derivative instruments, mortgage and consumer), the monitoring process considers informing the Risk Committee and the Board of Directors of the usage of specific limits, the excesses observed and the strategies implemented to restore parameters. Also, the Board delegates to the Risk Committee the power to authorize limits and updates methodologies for managing credit and counterparty risk.

The Bank uses a credit risk classification system approved at the institutional level for commercial loans portfolio and score models and/or metrics of performance follow up for retail loans portfolio

Methodology used to determine allowances for loan losses - Also, it has processes and systems that allow portfolio classification by risk level and estimating reserves in accordance with regulatory models from the Banking Commission.

Commercial loans

The Bank applies the Standard Models determined by the Banking Commission for the entire portfolio; at December 31, 2018 the portfolio is comprised as follows:

Group	Appendix CUB	% Total Portfolio
States and Municipalities	Appendix 18	1.07%
Investment Projects with own source of payment	Appendix 19	1.55%
Financial Sector Entities	Appendix 20	14.85%
Corporations and Individuals with business activities with income or sales less than 14MM UDIS *	Appendix 21	23.05 %
Corporations and Individuals with business activities with income or sales greater than 14MM UDIS	Appendix 22	59.47%

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*\* It includes trustees who act under trusts and "structured" loan schemes with modification of net worth that allow for the individual assessment of the related risk.*

The Bank uses the following Rating Agencies in the standard method: S&P, MOODY'S, FITCH, HR RATINGS y VERUM, based on Appendix 1-B of the Banking Commission "Mapping of rating and degrees of risk".

The grade of rating agencies is used by the Bank to Calculation of Probability of Default of clients:

- States and Municipalities
- Admissibility of guarantors with a risk level of 1 and/or 2.
- Clients located abroad, when they have a rating from a global scale agency, long term, risk level 1 and/or 2 and have no information of payment experience within the domestic Credit Information Companies.

Allowance for commercial loans is based on the individual assessment of the credit risk of debtors and their rating, in compliance with the general provisions.

Except to rate portfolio secured by or owned by the Federal Government, Central Bank and the Mexican Bank Savings Protection Institute or IPAB, in accordance with the Rule for rating the Loan Portfolio of Multiple Banking Institutions.

**Credit risk hedging management and recognition process**

The Bank has policies implemented for the evaluation of guarantees, which implies the review of each one of the elements and risks related, depending on the type, considering both the Guarantee policies and those corresponding to the Analysis and Evaluation of Credit, for which the Bank applies controls on the assessment of the guarantor and liable party, identifying the detail of the corporate structure and any significant aspect of subordination affecting the support provided.

The credit rating of the guarantor or liable party must be determined continuously and consistently during the term of the loan.

**Control mechanisms for rating systems, including an analysis of independence, accountability and evaluation**

The Bank has an application, "ScotiaCred", used to control rating systems for Commercial loans in which credit application and authorization processes as well as the proper and complete record of the characteristics and requirements of each guarantee are described, defined in the institutional Guarantee catalog and are updated in time, including further amendments, if applicable.

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This record enables the Bank to identify the collateral in their custody and maintain a clear separation from its own assets.

The ScotiaCred system classifies the portfolios and rates credits under the standard rating methodologies determined by the Banking Commission.

With regard to the allowances for borrowers related to consumer and mortgage portfolios, in addition to the commercial loan portfolio, the Bank uses the regulatory methodologies published in the CUB, based on the calculation of the Expected Loss for each of the loan portfolios using the parameters of Probability of Default (PD), Loss Given Default (LGD) and Exposure at Default (ED) are based on specific information and characteristics of the assessed borrowers and loans.

The measurement and monitoring of the credit risk is also based on an expected and unexpected loss model carried out in a specialized tool and based on the methodology of CreditMetrics.

- The expected loss represents an estimate of the probability of default, loss given default and exposure at default in a 12-month period.
- The unexpected loss is a measure of dispersion around the expected loss and is calculated on the basis of risk parameters.
- Additionally, stress tests are performed for determining its impact on the portfolio's expected and unexpected loss, which are presented to and analyzed by the Risk Committee. These tests comply with internal standards and Provisions.

At the end of December 2018 and 2017 and in average for the fourth quarter of 2018 and 2017, the expected and unexpected loss over the Bank's total portfolio, commercial and consumer portfolio, was as follows:

	<b>2018</b>		<b>2017</b>
	<b>Closing</b>	<b>Average</b>	<b>Closing</b>
<b>Expected loss</b>			
Bank <sup>(1)</sup>	\$ 3,723	3,876	3,934
Globalcard	632	631	541
<b>Total</b>	<b>4,355</b>	<b>4,507</b>	<b>4,475</b>
<b>Non expected loss</b>			
Bank <sup>(1)</sup>	19,976	19,841	26,784
Globalcard	1,175	1,198	1,381
<b>Total</b>	<b>\$ 21,151</b>	<b>21,039</b>	<b>28,165</b>

\*Only includes traditional loan portfolio (commercial and retail).

(1) Excludes credit card since this portfolio was transferred to Globalcard in August 2017.

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For interpreting the expected and unexpected loss and by way of example, the average expected loss during the fourth quarter of 2018 was \$4,507 which represents the amount the Bank and its subsidiaries expects to lose (in average) during the next twelve months by way of defaults given the characteristics of its portfolios; while the unexpected average loss was \$21,039 and represents the necessary economic capital to maintain the Institution's solvency in the event of a large magnitude adverse event that has an impact on the credit portfolios.

*Exposure of the loan portfolio by type of portfolio* - At the end of December 2018 and 2017, the total and average quarterly exposure of the loan portfolio corresponds to the following:

		<b>2018</b>		<b>2017</b>
		<b><u>December</u></b>	<b><u>Average</u></b>	<b><u>December</u></b>
Mortgage loans	\$	123,327	121,746	107,248
Auto loans		24,956	24,441	20,412
Non-revolving personal loans <sup>(1)</sup>		4,494	4,505	3,551
Revolving personal loans <sup>(2)</sup>		3,037	2,822	2,301
Commercial loans <sup>(3)</sup>		239,959	238,917	206,994
<b>Total</b>		<b>395,773</b>	<b>392,431</b>	<b>340,506</b>
Globalcard	\$	10,986	10,876	8,462

- (1) Incorporates non-revolving personal loans (payroll and open market) and Scotianline (SL) restructurings for \$34.
- (2) Includes SL (without restructuring), excludes credit card since this portfolio was transferred to Globalcard in August 2017.
- (3) Includes credit letters and PyME portfolio (PyME, Kabbage y Konfio)

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**Risk Parameters (PD, LGD and ED) of the credit portfolio (December 2018)**

<b>Portfolio</b>	<b>Exposure to default (EI)<sup>1</sup></b>	<b>Probability of default (PI)<sup>2</sup></b>	<b>Loss given default (SP)<sup>2</sup></b>
Mortgage loans	116,428	2.4%	13.6%
Infonavit (HITO)	3,623	7.14%	23.9%
Non-revolving consumer loans	28,809	4.3%	71.4%
Revolving	5,515	12.8%	73.8%
Commercial Portfolio	242,023	2.5%	43.2%
Investment Projects <sup>3</sup>	3,333	2.1%	45%
Globalcard revolving <sup>4</sup>	22,409	8.49%	73.41%
Globalcard non revolving	22	14.04%	71.02%

1 *Determined under regulatory methodology. (Exclude nonperforming loans, include PyME and Konfio Portfolio).*

2 *Weighted risk parameter from exposure to default. (Exclude nonperforming loans).*

3 *Excludes Investment Projects.*

4 *PI determined implicitly upon considering reserve determined under regulatory methodology between SP (45%).*

The exposures by type of loan portfolio and by geographic region corresponding to the Bank detailed by subsidiary, Bank (Commercial, consumer, and mortgage portfolio) and Globalcard (Consumer revolving and non-revolving loan portfolio) are shown in the following tables.

Credit risk management information for the loan portfolio (figures in millions of Mexican pesos, except otherwise indicated)

a. The total amount of gross credit risk exposures at the end of December 2018 broken down by major types of credit portfolio include the following:

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Commercial loan portfolio

<b>Portfolio Total Exposures (Segment)</b>	<b>Exposures (disposed amount) December 2018</b>	
Government	\$	12,694
Corporate Banking		131,407
Enterprise Banking		93,134
Small and Medium-sized entities (PyME for its acronym in Spanish)		2,724
<b>Total</b>	<b>\$</b>	<b>239,959</b>

Note: It includes letters of credit.

Retail loan portfolio

For the purposes of this document, the treatment within the credit portfolio tables of the balance of Scotialine for \$34 corresponding to restructurings is included in the portfolio of personal loans, as required by the regulation.

In the following tables, the non-revolving portfolio consists of: Payroll Credits, Automotive Credits, Personal Loans, Fairmont, Overdrafts, Scotialine Restructures (the total amount of Scotialine considering restructurings at the close of December 2018 is \$3,071).

<b>Loan portfolio (Figures at December 31, 2018)</b>	<b>Pesos</b>	<b>Dollars translated</b>	<b>Total</b>
Mortgage Loans <sup>1</sup>	123,197	121	123,318
Non-revolving loan portfolio <sup>2</sup>	29,444	-	29,444
Revolving loan portfolio	3,037	-	3,037

1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.

2 Includes: Payroll Credit loans, Auto loans, Personal loans, Fairmont, Overdrafts, Restructures Scotiaflex, Personal.

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GlobalCard, Total portfolio

<b>Credit loan exposure by portfolio</b>	<b>2018</b>	
	<b>December</b>	<b>Q4<sup>1</sup></b>
Non-revolving personal loans <sup>2</sup>	64	65
Revolving personal loans <sup>3</sup>	10,922	10,810
<b>Total</b>	<b>10,986</b>	<b>10,875</b>

1 Average exposure observed during the quarter (Q4, October – December 2018)

2 Corresponds to credit cards restructures

3 Includes credit cards

**a. Distribution of exposures by economic sector**

The distribution of exposures by economic sector broken down by major types of exposures, including the list of current, past-due and nonperforming loans, preventive reserves for credit risks is summarized as follows:

Commercial loan portfolio

<b>Distribution of exposures by economic sector, including, nonperforming loans, past-due loans and allowance</b> <i>(Figures in million of pesos at December 31, 2018)</i>									
<b>Sector</b>	<b>Loan portfolio</b>		<b>Nonperforming</b>			<b>Total exposure</b>	<b>Allowance<sup>1</sup></b>	<b>Variation allowance vs previous quarter (Sep 18)</b>	<b>Average of days Past-due</b>
	<b>Current loans</b>	<b>Past-due loans</b>	<b>Current loans</b>	<b>Past-due loans</b>	<b>Opening balance</b>				
Financial institutions	\$35,445	-	-	-	-	35,445	292	32	-
Consumer	26,391	52	1	330	349	26,774	602	94	312
Financial Intermediaries and Investment	16,247	-	-	110	113	16,356	345	-147	790
Food and beverages	23,943	1	-	795	827	24,739	853	12	387
Oil & Gas	16,584	-	-	36	38	16,620	155	4	585
Other Sectors	117,723	221	61	2,019	2,164	120,024	2,994	75	387
<b>Total</b>	<b>\$236,334</b>	<b>275</b>	<b>61</b>	<b>3,290</b>	<b>3,492</b>	<b>239,959</b>	<b>5,242</b>	<b>70</b>	

1 Does not include additional allowance

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Retail loan portfolio (Bank and Globalcard) is not classified by economic sector as those loans are granted to individuals.

**b. Distribution of exposures by region**

The geographical distribution by region, including the list of the current, past-due and nonperforming loans, preventive reserves for credit risks is shown below:

**Commercial loans**

<b>Geographical distribution by region of commercial loans</b> <i>(Figures at December 31, 2018)</i>						
<b>Region</b>	<b>Loan portfolio</b>		<b>Nonperforming</b>		<b>Total exposure December 2018</b>	<b>Allowance<sup>1</sup></b>
	<b>Current</b>	<b>Past-due</b>	<b>Current</b>	<b>Past-due</b>		
Central	14,148	16	2	304	14,471	430
Metropolitan	64,039	67	24	1,205	65,333	1,658
North	44,494	21	15	716	45,246	1,015
South	113,652	172	20	1,065	114,909	2,138
Total	236,334	275	61	3,290	239,959	5,242

1 Not included additional allowances

Retail loan portfolio

The geographical distribution of the exposures in the main states and main exposures as of December 31, are broken down in the following sheet.

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<b>Financial information by geographical distribution of the loan portfolio (Figures at December 31, 2018)</b>	<b>Mortgage loan portfolio <sup>1</sup></b>	<b>Non revolving loan portfolio <sup>2</sup></b>	<b>Revolving loan portfolio</b>	<b>Total</b>
Mexico City	32,568	20,801	785	54,154
State of Mexico	15,227	533	433	16,193
Jalisco	12,476	512	183	13,171
Nuevo León	9,774	564	151	10,489
Querétaro	8,512	196	12	8,720
Chihuahua	4,535	564	162	5,261
Coahuila de Zaragoza	4,279	653	112	5,044
Guanajuato	3,544	213	79	3,836
Veracruz de Ignacio de la Llave	3,453	531	130	4,114
Puebla	3,105	425	83	3,613
Others	25,845	4,452	907	31,204
<b>Total</b>	<b>123,318</b>	<b>29,444</b>	<b>3,037</b>	<b>155,799</b>

1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.

2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures

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Geographical distribution of non-performing loans

Financial information by geographical distribution of the non-performing loans <sup>3</sup> (Figures at December 31, 2018)	Mortgage portfolio <sup>1</sup>		Non-revolving loans <sup>2</sup>		Revolving loans	
	Balance	Allowance	Balance	Allowance	Balance	Allowance
Mexico City	433	89	436	341	33	24
State of Mexico	284	61	21	17	18	13
Jalisco	282	70	10	8	8	5
Nuevo León	223	48	13	10	7	5
Querétaro	106	23	3	3	0	0
Chihuahua	60	14	11	9	7	6
Coahuila de Zaragoza	134	34	13	10	6	4
Guanajuato	69	19	6	5	5	4
Veracruz de Ignacio de la Llave	233	60	15	12	9	6
Puebla	140	35	14	11	5	4
Otros	1,038	261	105	82	48	35
<b>Total</b>	<b>3,002</b>	<b>714</b>	<b>647</b>	<b>508</b>	<b>146</b>	<b>106</b>

- 1 Includes the loan portfolio of loans securitized. Excludes \$97 corresponding to FOVI allowance for loan losses.
- 2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.
- 3 Non-performing loans portfolio is equal to the past due portfolio.

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**Globalcard**

Geographical distribution by mayor states and mainly exposures as of December 31, 2018, of Globalcard, are shown below:

<b>Financial information by geographical distribution of the loan portfolio (Figures at December 31, 2018)</b>	<b>Non-revolving Loans <sup>1</sup></b>	<b>Revolving loans</b>	<b>Total</b>
Mexico City	18	2,554	2,572
State of Mexico	10	1,354	1,364
Jalisco	3	735	738
Nuevo León	3	674	677
Chihuahua	3	612	615
Quintana Roo	3	554	557
Veracruz de Ignacio de la Llave	3	437	439
Tamaulipas	2	405	407
Coahuila de Zaragoza	2	395	397
Puebla	2	325	327
Others	15	2,877	2,892
<b>Total</b>	<b>64</b>	<b>10,922</b>	<b>10,985</b>

<sup>1</sup> Includes credit card restructures

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**Globalcard**

Non-performing loans of Globalcard, detailed by mayor States including allowance for loan losses amount related to each geographic region.

<b>Financial information by geographical distribution of the non-performing loans (Figures at December 31, 2018)</b>	<b>Non-revolving loans</b>		<b>Revolving loans</b>	
	<b>Balance</b>	<b>Allowance</b>	<b>Balance</b>	<b>Allowance</b>
México City	12	9	141	101
State of Mexico	7	5	85	60
Jalisco	2	2	43	30
Nuevo León	2	2	36	26
Chihuahua	2	1	35	25
Quintana Roo	2	2	35	26
Veracruz de Ignacio de la Llave	2	1	32	23
Tamaulipas	1	1	27	19
Coahuila de Zaragoza	1	1	23	16
Puebla	1	1	21	15
Others	9	7	184	129
<b>Total</b>	<b>41</b>	<b>32</b>	<b>662</b>	<b>470</b>

The breakdown of the current and past-due portfolio as of December 2018 by remaining term and type of loan.

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Commercial loans

<b>Current and past-due portfolio by remaining term (Figures at December 31, 2018)</b>			
<b>Term</b>	<b>Current</b>	<b>Past-due</b>	<b>Total exposure</b>
Past-due loans	0	3,564	3,564
Up to 1 year	102,435	0	102,435
1 to 2 years	24,239	0	24,239
2 to 3 years	24,183	0	24,183
3 to 4 years	33,466	0	33,466
4 to 5 years	31,863	0	31,863
Over 5 years	20,209	0	20,209
<b>Total</b>	<b>236,395</b>	<b>3,564</b>	<b>239,959</b>

Retail loans

<b>Scotiabank Financial information for current portfolio by remaining term (Average term)</b>	<b>Months</b>	<b>Years</b>
Mortgage portfolio <sup>1</sup>	176	15
Non-revolving loans <sup>2</sup>	38	3
Revolving loans	-	-

1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.

2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.

<b>Scotiabank Financial information for past-due loan portfolio by remaining term (Average term)</b>	<b>Months</b>	<b>Years</b>
Mortgage portfolio <sup>1</sup>	147	12
Non-revolving loans <sup>2</sup>	35	3
Revolving loans	-	-

1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.

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- 2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.

<b>Scotiabank Financial information for total loan portfolio by remaining term (Average term)</b>	<b>Months</b>	<b>Years</b>
Mortgage portfolio <sup>1</sup>	176	15
Non-revolving loans <sup>2</sup>	38	3
Revolving loans	-	-

- 1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.
- 2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.

**Exposures distribution of the current and past due portfolio by product**

<b>Scotiabank Financial information loan portfolio status (Figures at December 31, 2018)</b>	<b>Current</b>	<b>Past-due</b>	<b>Total</b>
Mortgage portfolio <sup>1</sup>	120,316	3,002	<b>123,318</b>
Non-revolving loans <sup>2</sup>	28,797	647	<b>29,444</b>
Revolving loans	2,891	146	<b>3,037</b>

- 1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.
- 2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.

**Globalcard**

Loan portfolio by remaining term by product

<b>Financial information of loan portfolio by remaining term</b>	<b>Months</b>	<b>Years</b>
Non-revolving personal loans <sup>1</sup>	23	2
Revolving personal loans	-	-

- 1 Includes credit card restructures

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**c. List of credit risk allowances**

The list of credit risk allowances classified according to Article 129 is as follows as of December 2018:

Commercial loans

<b>Score</b>	<b>Allowance <sup>1</sup></b>
A1	749
A2	765
B1	321
B2	66
B3	343
C1	118
C2	62
D	536
E	2,281
<b>Total</b>	<b>5,242</b>

1 Not included additional allowances

Retail loans

Allowance for loan losses classified under Article 129

<b>Allowance for loan losses percentages</b>			
<b>Risk grading</b>	<b>Mortgage loans</b>	<b>Non-revolving loans</b>	<b>Revolving loans</b>
A - 1	0 to 0.50	0 to 2.0	0 to 3.0
A - 2	0.501 to 0.75	2.01 to 3.0	3.01 to 5.0
B - 1	0.751 to 1.0	3.01 to 4.0	5.01 to 6.5
B - 2	1.001 to 1.50	4.01 to 5.0	6.51 to 8.0
B - 3	1.501 to 2.0	5.01 to 6.0	8.01 to 10.0
C - 1	2.001 to 5.0	6.01 to 8.0	10.01 to 15.0
C - 2	5.001 to 10.0	8.01 to 15.0	15.01 to 35.0
D	10.001 to 40.0	15.01 to 35.0	35.01 to 75.0
E	40.001 to 100.0	35.01 to 100.0	Grater than 75.01

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<b>Scotiabank Allowance for loan losses by risk grading (Figures at December 31, 2018)</b>	<b>Mortgage Loans <sup>1</sup></b>	<b>Non-revolving loans <sup>2</sup></b>	<b>Revolving loans</b>	<b>Total</b>
A-1	206	115	70	\$391
A-2	43	68	74	185
B-1	25	38	19	82
B-2	39	74	8	121
B-3	74	24	11	109
C-1	74	51	18	143
C-2	184	73	29	286
D	419	86	85	590
E	196	607	112	915
<b>Total</b>	<b>1,260</b>	<b>1,136</b>	<b>426</b>	<b>\$2,822</b>

- 1 Includes the loan portfolio of loans securitized. Excludes \$97 corresponding to FOVI allowance for loan losses.
- 2 Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.

**Globalcard**

Allowance for loan losses classified under Article 129.

<b>Risk grading</b>	<b>Non-revolving loans</b>	<b>Revolving loans</b>
A - 1	\$336,125	7
A - 2	194,711	54
B - 1	62,456	103
B - 2	42,898	305
B - 3	47,595	26
C - 1	86,943	222
C - 2	141,666	315
D	378,761	501
E	290,428	31,902
Total	<b>\$1,581,583</b>	<b>33,435</b>

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1 *Includes credit card restructures*

**d. Non-performing loans at December 2018: Allowances, variations, geographical distribution and write-offs:**

**Commercial loans**

<b>Scotiabank Allowance for loan losses – Non-performing loans (Figures at December 31, 2018)</b>	<b>Amount</b>
Beginning balance of Allowance <b>September 2018</b>	\$ 5,181
Increase in provision	134
Increase in provision (SMEs)	19
Debits in results	-39
Due to FX changes	21
Reserve cancellation	0
Write-offs, Dations and partial write-offs	-60
Final balance of allowance <b>December 2018</b>	\$ 5,295
Loan recovery	0

\* Includes additional allowance (past due interest and other)

Retail loans

Variation in allowance for loan losses and impaired loans during the period

<b>Scotiabank Variation of allowance for loan losses</b>	<b>December 2017</b>	<b>December 2018</b>	<b>Variation</b>
Mortgage portfolio <sup>1</sup>	1,161	1,260	<b>99</b>
Non-revolving loans <sup>2</sup>	1,001	1,136	<b>135</b>
Revolving loans	381	426	<b>45</b>

1 *Includes the loan portfolio of loans securitized. Excludes \$97 corresponding to FOVI allowance for loan losses.*

2 *Includes: Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine restructures, Personal.*

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Reconciliation of changes in allowance for loan losses to nonperforming loans

<b>Variations in allowance for non-performing loans (Figures al December 31, 2018)</b>	<b>Mortgage Portfolio <sup>1</sup></b>	<b>Non-revolving loans <sup>2</sup></b>	<b>Revolving loans</b>
<b>Allowance at September 30, 2018</b>	<b>760</b>	<b>463</b>	<b>114</b>
Releases <sup>3</sup>	(80)	(269)	(58)
Transfer from current to past-due portfolio	53	127	20
Transfer from past-due to current portfolio	(81)	(43)	(10)
Decreases in the balance of reserves (includes write-offs and debt forgiveness)	(65)	(13)	(1)
Increases in the balance of reserves	127	243	41
<b>Allowance at December 31, 2018</b>	<b>714</b>	<b>508</b>	<b>106</b>

1 Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.

2 It Includes Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine Restructures, Personal

3 All credits that in the quarter no longer appeared for reasons like changes of status on the credit card, pay-offs, etc.

\* Non-performing loans equal past-due loans.

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<b>Scotiabank Variations in allowance for non-performing loans</b>	<b>Mortgage Portfolio <sup>1</sup></b>	<b>Non-revolving loans <sup>2</sup></b>	<b>Revolving loans</b>
<b>Allowance at December 31, 2017</b>	<b>715</b>	<b>322</b>	<b>118</b>
Releases <sup>3</sup>	(293)	(686)	(108)
Transfer from current to past-due portfolio	143	363	16
Transfer from past-due to current portfolio	(194)	(115)	(7)
Decreases in the balance of reserves (includes write-offs and debt forgiveness)	(90)	(26)	(1)
Increases in the balance of reserves	433	650	88
<b>Allowance at December 31, 2018</b>	<b>714</b>	<b>508</b>	<b>106</b>

1 *Includes the portfolio corresponding to FOVI loans and the portfolio of loans purchased from securitized loans.*

2 *It Includes Payroll loans, Auto loans, Personal loans, Fairmont, Overdrafts, Scotialine Restructures, Personal*

3 *All credits that in the quarter no longer appeared for reasons like changes of status on the credit card, pay-offs, etc.*

\* *Non-performing loans equal past-due loans.*

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Globalcard

Variation in allowance for loan losses during the period.

<b>Variation in allowance for loan losses (Figures at December 31, 2018)</b>	<b>Change in allowance</b>	<b>Write-offs</b>
Non-revolving loans <sup>1</sup>	493	-
Revolving loans	51,576	273,575

<sup>1</sup> Includes credit card restructures

Globalcard

Reconciliation of changes in allowance for loan losses to nonperforming loans.

<b>Globalcard Variations in allowance for non-performing loans</b>	<b>Non-revolving loans</b>	<b>Revolving loans <sup>1</sup></b>
<b>Allowance at September 30, 2018</b>	<b>432,827</b>	<b>31,087</b>
Releases <sup>2</sup>	\$(234,156)	(4,066)
Transfer from current to past-due portfolio	97,952	650
Transfer from past-due to current portfolio	(55,424)	(4,999)
Decreases in the balance of reserves (includes write-offs and debt forgiveness)	(1,930)	(1,525)
Increases in the balance of reserves	231,063	10,057
<b>Allowance at December 31, 2018</b>	<b>\$470,332</b>	<b>31,204</b>

<sup>1</sup> Includes credit card restructures

<sup>2</sup> All credits that in the quarter no longer appeared for reasons like changes of status on the credit card, pay-offs, etc.

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<b>Globalcard Variations in allowance for non-performing loans</b>	<b>Non-revolving loans</b>	<b>Revolving loans <sup>1</sup></b>
<b>Allowance at December 31, 2017</b>	<b>\$312,146</b>	<b>19,575</b>
Releases <sup>2</sup>	(289,984)	(11,796)
Transfer from current to past-due portfolio	42,075	341
Transfer from past-due to current portfolio	(16,468)	(3,755)
Decreases in the balance of reserves (includes write-offs and debt forgiveness)	(2,428)	(1,041)
Increases in the balance of reserves	424,991	27,880
<b>Allowance at December 31, 2018</b>	<b>\$470,332</b>	<b>31,204</b>

1 *Includes credit card restructures*

2 *All credits that in the quarter no longer appeared for reasons like changes of status on the credit card, pay-offs, etc.*

**Credit risk mitigation techniques (Applicable to Commercial loans portfolio)**

The Bank has policies and processes that allow it to perform a valuation of guarantees. In general, it can be considered that there are no restrictions regarding the acceptance of guarantees. However, prior to acceptance, the impacts on profitability need to be assessed and determine whether it is feasible for the guarantee to be used as a mitigating factor in regulatory calculations of:

- Allowance for loan losses, and
- Capital requirements

Based on an identification of the guarantees that are part of the Bank's Guarantee Management System, or if the proposal differs from the standards established in this System. The value of guarantees is determined by accurately identifying the standard valuation methodology at the beginning and during the term of the loan, depending on their type, such as formal appraisals prepared by certified experts, in the case of real estate; in the case of securities, the market value defined by the corresponding Stock Exchange.

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The types of real guarantees for Commercial Portfolio accepted by the institution are mainly: Pledge on Chattel, Pledge on Cash Deposits in SBI, Pledge on Inventories in Bonded Warehouse, Pledge on Machinery, Pledge on Vehicle, Pledge on Working Capital Loan (Treasury Guarantees), Pledge on Fixed Asset Loan (Treasury Guarantees), Civil Mortgage, Industrial Mortgage, Guarantee Trust.

The types of guarantors accepted by Commercial Portfolio by the Bank are: Jointly Liable, Guarantor, Guarantee, Guarantee Letter, letter of credit standby and development entity guarantee.

Most of the concentration of guarantees the Bank has to reduce credit risk, is in the real non-financial guarantees.

As of December 2018 the coverage of the guarantees reported by the Bank in standard and intern methodology, which are applicable to commercial loans portfolio is shown below:

<b>Scotiabank</b> <b>Guarantee amount</b> <i>(Figures at December 31, 2018)</i>	
<b>Coverage</b>	<b>Standar methodology</b>
Eligible financial collateral	1,618
Eligible non-financial collateral	15,751
Personal guarantees	1,055

The Bank does not have credit derivatives operations at closing of December 31, 2018.

**Policies to ensure real guarantees and establish credit reserves**

The guarantees covering loans, depending on their type and characteristics they can contribute to improve the level of credit risk and consequently the amount of required reserves. For these purposes two types of guarantees are considered: Personal guarantees and real guarantees.

Credits that have some of these guarantees, including the two types may adjust their rating to a higher level of risk. Probability of default with personal guarantees and loss given default (LGD) with real guarantees.

Guarantees used to improve the credit rating in addition to the specific requirements for the type (personal or real) in general must cover the following:

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- The guarantee is granted and incorporated in the form and terms established in the applicable legal provisions and internal policies of the Bank.
- When a loan is covered by real and personal guarantees: If the real guarantee is granted simultaneously by the same personal guarantor, only one of them can improve the score.
- In syndicated loans with other Credit Institutions, the Bank may agree on the following rights in the corresponding credit agreement: First in order to collect on the guarantee; or the same degree of priority in the order to collect as the other participants, in cases where the guarantee is allocated proportionally among all Institutions involved in the credit.

**Credit risk of financial instruments**

Financial situation of each counterparty is evaluated periodically, and at least once a year an exhausting review and risk analysis is performed. Any impairment in the financial situation of the issuer/counterparty is reflected in its credit rating. Thus, the Bank determines the changes in the risk profiles of each client. These reviews consider the overall credit risk, including financial transactions, derivative instruments and currency transactions. In the case of identified risks, additional reviews are performed more frequently.

In the context of credit risk management performed by the Bank, gathering information, the execution of due diligence procedures, analysis of capacity and financial prosperity of the issuer/counterparty, the establishment of appropriate structures and interest rates is essential, as well as the foreclosure, rationale and supervision processes.

Credit risk in investment securities - Following is a summary of exposures, credit quality and concentration by risk level of investment securities for the Bank at the end of December 2018 and 2017:

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	2018		2017	
		%		%
<b>Held-to-maturity</b>				
Bank	4,804		4,679	
<b>Subtotal</b>	<b>4,804</b>	<b>7</b>	<b>4,679</b>	<b>8</b>
<b>Available-for-sale</b>				
Bank	38,443		44,684	
<b>Subtotal</b>	<b>38,443</b>	<b>61</b>	<b>44,684</b>	<b>79</b>
<b>Trading securities</b>				
Bank	19,986		5,091	
Globalcard	0		112	
<b>Subtotal</b>	<b>19,986</b>	<b>32</b>	<b>5,203</b>	<b>13</b>
<b>Risk total</b>	<b>63,233</b>	<b>100</b>	<b>54,566</b>	<b>100</b>

**Credit risk in derivative transactions**

In addition to the risk measures mentioned earlier for derivative transactions, the Bank quantifies its credit exposures in order to control the use of lines granted to its counterparties for the operation of derivative instruments. This control is carried out by calculating future potential exposure (PFE) at the counterparty level through specialized tools, incorporating mitigating risk elements such as netting agreements, collateral agreements and collateral. There are counterparty risk policies and monitoring of established limits that contemplate the process to be followed in the event of excesses occurring in them.

Following is presented the potential future exposure by counterparty credit risk and concentration by type of counterparty at the end of December 2018 and 2017 of the Bank:

Type of counterparty	Potential future exposure	Concentration (%)*
<b><u>December 2018</u></b>		
Financial institutions	4,147	70
Corporations	<u>1,782</u>	<u>30</u>
Total maximum exposure	5,929	100
<b><u>December 2017</u></b>		
Financial institutions	3,933	84
Corporations	<u>769</u>	<u>16</u>
Total maximum exposure	4,702	100

\* *At the closing of 2018, the three mayor exposures by counterparty represent 28% of the total amount.*

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*Methodology for setting credit limits for counterparties and capital allocation* - The Bank, by establishing operating policies, defines capital allocation based on business criteria and risk appetite, i.e., customer eligibility criteria and setting maximum exposure limits are defined through the Credit Committees, considering potential future exposure by counterparty as the main risk parameter, estimated according to the methodology approved by the Risk Committee.

It is important to say that before entering into any operation that involves credit risk, a review process of the debtors/counterparties is carried out to evaluate their risk profile and to determine the exposure limit to be accepted by each one.

The Bank's business line is responsible for analyzing and proposing according to strategy, new counterparties and their respective limits and/or the update thereof. For that, the Credit area has defined well the structure of responsibilities and powers for authorization. All proposals are analyzed considering the level of potential future exposure related to the risk profile of each counterparty and the products required for operation.

Once the limits are approved, they are monitored by the UAIR and reviewed annually by the Credit area or with more frequency in case any potential risk is detected or else the line of business requests it so.

The capital requirement for operations with derivatives is calculated under regulatory methodology, such is the case of the adjusted value for credit valuation or CVA.

The following table shows the gross fair value, the compensation benefit and the offset exposure at closing of December 2018 and 2016. The Bank does not maintain credit derivative positions for hedging (CDS).

<b>Type of counterparty</b>	<b>Gross Fair Value (\$) *</b>	<b>Offset Exposure (\$)</b>
<b>December 2018</b>		
Financial institutions	20,890	4,090
Corporations	363	145
Total	21,253	4,235
<b>December 2017</b>		
Financial institutions	19,392	3,319
Corporations	320	164
Total	19,712	3,483

\* It refers to the positive value of market valuation and also represents the current potential exposure

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The above table shows mainly the exposure benefit as a result of the establishment of compensation agreements with counterparties. Such benefit represents the decrease in exposure to counterparty credit risk. These agreements allow compensating buying and selling positions for each counterparty in transactions with the same characteristics (instrument and underlying).

Also, the deposit guarantees and/or values held by the Bank at the closing of December 2018 and 2017 amount to \$3,033 and \$1,964, respectively.

The Bank has the guidelines of BNS to identify the risk of adverse correlation during the credit authorization process for counterparty operations.

**Operational risk-**

The operational risk is a non-discretionary risk, which is defined as the potential loss resulting from internal controls failures or deficiencies, errors in transaction processing or storage or in data transmission as well as adverse administrative or legal resolutions, frauds or theft and includes, among other things, technological risk and legal risk.

The Bank, has implemented policies and procedures enabling them to have an appropriate operational risk management process, which are mentioned as follows.

Policies for operational risk management

These policies are intended for establishing the principles and management framework to identify, measure, monitor, limit, control and disseminate the operational risks inherent in the day-to-day activities and to promote a risk management culture throughout all the Bank.

Operational Risk Assessment

The Bank has a structured methodology for assessing operational risk, which allows the Bank to identify, assess and mitigate the risk inherent in its processes and business activity, which is applied to the entire structure, the assessment is based on the identification of inherent operational risk, assessing the effectiveness of controls in such risks, on which is determined a level of residual risk from which actions are set to mitigate identified risks.

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Manual for Operational Risk Data Gathering and Classification.

These policies define the requirements for reporting the information that supports the measuring processes, as well as the scope of the data gathering process, the functions and responsibilities of the business units for gathering and reporting loss data, as its specific characteristics.

During the January – December 2018 period, the Bank recognized operational risk losses of \$160, and the operational risks at closing of December 2018, which if materialized will have a negative impact, amount to \$213, \$6 correspond to operational risk and \$207 to legal risk, the 100% of the exposure has been provisioned.

Operational risk tolerance levels

This is an operational loss management tool that enables each area to know the tolerance levels of losses applicable to each assumed loss event, and serves as an incentive for the improvement of the operational risk management process and the adoption of the necessary action to minimize the risk of future losses.

Key risk indicators (KRI).

This process allows the Bank to establish indicators from process variables, which behavior is related to the level of risk assumed. By tracking each indicator, trends are identified that allow for managing the indicator's values over time. Admissible thresholds are established for each of the selected indicators.

Calculation of capital.

The Bank uses the standard alternative method to determine its capital requirements for operational risk, whereas Globalcard uses basic indicator method to calculate capital for operational risk. Scotia Derivados does not determine capital requirements for its operational risk exposure

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Estimate of legal risk losses

There is a methodology for estimating expected and unexpected legal risk losses through for estimating probable losses arising from an adverse outcome of trials in process. Such methodology is based on the loss experience of previous years that is used for determining the likelihood of loss associated with the ongoing legal issues through a statistical severity and occurrence analysis.

**Technological risk**

Technological risk is defined as the potential loss associated with damage, interruption, modification or failure resulting from the use of hardware, software, systems, applications, networks and any other channel for transmitting information in rendering services to the customers of the Bank.

In order to attend to requirements of regulations in terms of technological risk, the Bank has technological risk management policies, which describe the guidelines and methodology for assessing technological risks. Furthermore, the DGA of Information Technology has policies, procedures and systems that contribute to compliance of the related requirements.

The technological risk methodology, which assesses vulnerabilities, considers the criticality of the information in terms of completeness, confidentiality, availability and continuity to identify the risks inherent in the technological applications and infrastructure, assess the controls in place and obtain the residual risk. As a result, the methodology sets forth a proposal of controls for mitigating the technological risk at an acceptable level.

The regular audits performed by an independent and skilled internal audit department include comprehensive reviews of the design, implementation and exploitation of the internal control systems in every business and support area, new products and systems and of the reliability and completeness of data processing operations.

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**Appendix 5. Disclosure Form of the Liquidity Coverage Ratio (LCR)**

Reporting period: October - December 2018

Table 1.1 Disclosure Form of the Liquidity Coverage Ratio <sup>2</sup>

(Figures in millions of Mexican pesos)	Unweighted amount (average)	Weighted amount (average)
<b>COMPUTABLE LIQUID ASSETS</b>		
<b>1 Total Computable Liquid Assets</b>	<b>Non applicable</b>	<b>43,661.76</b>
<b>CASH OUTFLOWS</b>		
<b>2 Non-guaranteed retail financing</b>	<b>122,953.91</b>	<b>9,840.39</b>
3 Stable financing	48,630.86	2,426.06
4 Less stable financing	74,323.05	7,414.33
<b>5 Wholesale financing not guaranteed</b>	<b>114,091.54</b>	<b>41,297.36</b>
6 Operational deposits	44,328.72	10,451.25
7 Non-operational deposits	62,423.10	23,506.39
8 Unsecured debt	7,339.72	7,339.72
<b>9 Guaranteed Wholesale Financing</b>	<b>Non applicable</b>	<b>285.19</b>
<b>10 Additional requirements:</b>	<b>192,756.28</b>	<b>18,567.67</b>
11 Outflows related to financial derivative instruments and other guarantee requirements	4,422.57	3,485.24
12 Outflows related to losses on the financing of debt instruments	-	-
13 Credit lines and liquidity	188,333.71	15,082.44
<b>14 Other contractual financing obligations</b>	<b>-</b>	<b>-</b>
<b>15 Other contingent financing obligations</b>	<b>29,777.40</b>	<b>87.57</b>
<b>16 TOTAL CASH OUTFLOWS</b>	<b>Non applicable</b>	<b>70,078.18</b>
<b>CASH INFLOWS</b>		
<b>17 Guaranteed cash inflows</b>	<b>21,874.36</b>	<b>113.75</b>
<b>18 Cash inflows for unsecured transactions</b>	<b>42,591.09</b>	<b>29,414.02</b>
<b>19 Other cash inflows</b>	<b>19,566.49</b>	<b>10,642.82</b>
<b>20 TOTAL CASH INFLOWS</b>	<b>84,031.94</b>	<b>40,170.59 <sup>1</sup></b>
<b>21 TOTAL COMPUTABLE LIQUID ASSETS</b>	<b>Non applicable</b>	<b>43,661.76</b>
<b>22 TOTAL NET OF CASH OUTFLOWS</b>	<b>Non applicable</b>	<b>29,789.83</b>
<b>23 LIQUIDITY COVERAGE RATIO</b>	<b>Non applicable</b>	<b>147.68%</b>

1 Adjusted amount

2 Previous figures subject to review of the Central Bank

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- (a) *Calendar days comprised in the quarter that is being disclosed. 92 calendar days*  
 (b) *Main causes of the result of the Liquidity Coverage Ratio and the change on its main components.*

**During October 2018, the main changes that impacted the CCL are the following (considering a 30 day time window):** <sup>2</sup>

- o **Main Cash Outflows:**  
 Cash outflows due to demand deposits for \$26,953 and time deposits for \$16,840, outflows derived from the Look Back Approach (LBA) and the estimate related to the impact on liquidity due to the possible impairment of the institution's rating in 3 levels for \$1,303 and \$1,101, respectively, outflows by undrawn credit commitments for \$15,197.
- o **Main Cash inflows:**  
 Cash inflows for loan portfolios for \$9,942, call money operations for \$19,030 and maturity of securities with a rating lower than 2B for \$8,557.
- o **Liquid assets:**  
 Liquid assets mainly concentrated in Level 1; \$24,644 in debt securities level 1, \$13,915 in monetary regulation deposits, deposits in the Central Bank and TIIE active auctions, not including BREMS, as these are reported as debt securities level 1; additionally, available cash for \$6,298 and \$414 in securities level 2A.

**During November 2018, the main changes that impacted the CCL are the following (considering a 30 day time window):** <sup>4</sup>

- o **Main Cash Outflows:**  
 Outflows due to demand deposits of \$26,205 and time deposits of \$16,169, outflows derived from the Look Back Approach (LBA) and the estimation related to the impact on liquidity due to the possible impairment of the institution's rating in 3 levels for \$1,210 and \$1,120, respectively, outflows by undrawn credit commitments for \$14,970.
- o **Main Cash inflows:**  
 Cash inflows for loan portfolios for \$9,230, call money operations for \$23,967 and maturity of securities with a rating lower than 2B for \$9,494.

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<sup>2</sup> Weighted cash outflows and entries for the next 30 days considering the defined factors in the Provisions on liquidity requirements for credit institutions.

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o Liquid assets:

Liquid assets mainly concentrated in Level 1; \$15,195 in debt securities level 1, \$12,243 in monetary regulation deposits, deposits in the Central Bank and TIIE active auctions, not including BREMS, as these are reported as debt securities level 1; additionally, available cash for \$6,310 and \$414 in securities level 2A.

**During December 2018, the main changes that impacted the CCL are the following (considering a 30 day time window)<sup>3</sup>:**

o Main Cash Outflows:

Outflows due to demand deposits of \$27,283 and time deposits of \$18,146, outflows derived from the Look Back Approach (LBA) and the estimation related to the impact on liquidity due to the possible impairment of the institution's rating in 3 levels for \$1,085 and \$1,362, respectively, outflows by undrawn credit commitments for \$14,548.

o Main Cash inflows:

Cash inflows for loan portfolios for \$11,080, call money operations for \$19,705 and maturity of securities with a rating lower than 2B for \$12,641.

o Liquid assets:

Liquid assets mainly concentrated in Level 1; \$12,452 in debt securities level 1, \$18,856 in monetary regulation deposits, deposits in the Central Bank and TIIE active auctions, \$413 in securities level 2A; finally, available cash for \$7,524.

(c) *Changes in the main components of the quarter being reported;*

**September 2018 – October 2018 (+37%)** The Liquidity Coverage Ratio increased by 37% compared to September 2018, mainly due to:

- o The professional Funding for more than 30 days, increased by \$4,626, as well as the immediate demand deposits, which increased \$7,706.
- o Previous increases had a direct impact on liquid assets, which increased by a total of \$12,798.
- o In the cash outflows, the outflows associated with the demand deposits increased by \$1,154.
- o Finally, in the cash inflows, the flows in the 30-day window of the commercial portfolio increased by \$5,905.

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<sup>3</sup> Weighted cash outflows and entries for the next 30 days considering the defined factors in the Provisions on liquidity requirements for credit institutions.

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**October 2018 – November 2018 (-35%)** The Liquidity Coverage Ratio decreased by 35% compared to October 2018, mainly due to:

- Decrease in professional funding by \$2,671, added to the maturity in the 30-day window of this same item for \$4,411, in addition to a decrease in demand deposits of \$1,919.
- In addition to the above, there was an increase in loan portfolios of \$4,322.
- The previous movements had a direct effect on liquid assets, which decreased by \$10,908.

**November 2018 – December 2018 (+53%)** The Liquidity Coverage Ratio increased by 53% compared to November 2018, mainly due to:

- The increase in volume of \$2,621 and traditional deposits increased by \$7,527; in addition to this increase, the 30 day outflows related to this professional system decreased by \$5,755, this period was partially offset by the increase in the maturities of traditional products, which increased their output in the 30 day window for \$3,055.
- The credit portfolios had an increase of \$3,367, increased in 30 days by \$1,850.
- These movements had a direct impact on liquid assets, which increased by \$4,882.

(d) *The change of the composition of eligible and computable liquid assets <sup>4</sup>:*

<b>Change of liquid assets Q4- 2018</b>			
	<b>October</b>	<b>November</b>	<b>December</b>
Cash	14%	18%	19%
Deposits in Central Bank	31%	36%	48%
Level 1	54%	44%	32%
Level 2A	1%	2%	1%
Level 2B	0%	0%	0%
<b>Total liquid assets weighted</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

(e) *Concentration of financing sources;*

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<sup>4</sup> Computable liquid assets under the guidelines established by the Central Bank.

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<b>Concentration of financing sources</b>	<b>October</b>	<b>November</b>	<b>December</b>
<b>DEPOSIT FUNDING</b>			
Demand deposits	<b>43%</b>	<b>42%</b>	<b>42%</b>
Time deposits	<b>43%</b>	<b>43%</b>	<b>43%</b>
General public	29%	29%	29%
Money market	14%	14%	14%
Debt securities issued	<b>7%</b>	<b>7%</b>	<b>7%</b>
Global account of deposits without movements	<b>0%</b>	<b>0%</b>	<b>0%</b>
<b>BANK AND OTHER BORROWINGS</b>			
Due on demand	<b>0%</b>	<b>0%</b>	<b>0%</b>
Short-term	<b>1%</b>	<b>1%</b>	<b>2%</b>
Long-term	<b>6%</b>	<b>7%</b>	<b>6%</b>
Total	<b>100%</b>	<b>100%</b>	<b>100%</b>

(f) *Exposures in derivative financial instruments and possible margin calls;*

The Bank negotiates derivative products on behalf of its clients and takes positions on its own account, carries out transactions with derivative financial instruments, for hedging and/or trading purposes in accordance with established policies.

The general objectives of the derivative products that the Bank operates are the following:

- o Offer derivative financial instruments in the market, with a specific risk-performance profile, to meet the client's needs according to their risk profile.
- o Provide solutions to clients that allow them to fulfill their objectives of reducing, eliminating or modifying the risks assumed respecting the risk profile of each client.
- o Carry out negotiation with derivative products with the purpose of generating higher revenues.
- o Cover specific products or general risks, as well as optimize the management of funding.

Derivatives traded may be classified as trading, hedging or arbitrage.

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The Bank has policies and manuals, with the guidelines and procedures related to the operation and the administration of derivatives. The applicable procedures for the monitoring and mitigation of the risks associated with the derivatives calculate future potential exposure, are the monitoring of the associated collateral, possible margin calls as a conservative measure and to be prepared for a possible increase in liquidity requirements as a result of a possible decline in the Bank's rating, the potential impact on collaterals is calculated periodically.

<b>Potential Future Exposure (December 2018)</b>	
With compensation agreement	2,106
Without compensation agreement	3,822
<b>Possible margin call (December 2018)</b>	
Collateral in Transit	93
<b>Downgrade (December 2018)</b>	
Downgrade 3 levels	1,362

The Bank's exposure to derivative financial instruments at the closing of December 2018 is as follows:

<b>Net Exposure Derivatives</b>	<b>Closing Position</b>
<b>Risk factor</b>	
Interest rate	656,937
Exchange rate	57,164
Capital market	9,508
<b>Total</b>	<b>723,609</b>

(g) *Foreign exchange mismatch;*

The general policy is to fund the assets with the same currency in which they are granted.

(h) *A description of the level of centralization of liquidity management and the interaction between the units of the group;*

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In the Financial Group there is an area in charge of the liquidity management, Treasury Group, in whose responsibility it is to cover the excess and lack of liquidity of the institution, for which it receives information on a daily basis about the contractual flows that will take place in a current market day, as well as the expected short-term and medium-term liquidity expectations for the main products.

The different areas of the Bank that generate business must inform in advance at least 24-48 hours in the different committees (pipeline) or directly to the Group Treasury, its short, medium and long term strategy, in order to program its funding structure to meet those commitments.

*(i) Outflows and entries cash flows that, if appropriate, are not captured in this framework, but which the Institution considers relevant because of its liquidity profile.*

It is important to mention that for the calculation of the Liquidity Coverage Ratio, the cash flows of outflows and entries at the contractual level are recorded; however, the institution daily calculates liquidity gaps considering not only the outflow and entry cash at the contractual level but also considers estimated flows, in addition it extends the schedule of flows to a period of more than 30 days, so that the institution has the possibility to anticipate and take measures in order to meet the commitments after this period.

Likewise, the Institutions shall at least disclose the information corresponding to the immediately preceding quarter disclosed, in accordance with the following:

**I. Quantitative information-**

*(a) The concentration limits for the different groups of guarantees received and the main sources of financing;*

Within the policies approved by the Bank in terms of liquidity, it is established that the Bank will have a low dependence on the wholesale market, as well as maintaining diversified sources of funding and a low concentration of resources in specific depositors. This diversification is not only made because of the funding sources, but also by timing and variety of products.

In addition, the minimum credit quality of the guarantees received is also established. These guarantees may not be less than a level A credit rating.

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In addition, the Bank establishes deposit concentration limits with the purpose of ensuring the diversification of its sources of funding among its relevant currencies.

<b>Deposits concentration</b>	
<b>Concept</b>	<b>Limit MM</b>
Deposits concentration (MXN)	4,500 MXN
Deposits concentration (USD)	80 USD

On the other hand, the Bank monitors potential future exposure (PFE) at the counterparty level for the operation of derivative financial instruments and on the other hand the institution has credit limits to monitor exposure to counterparty credit risk.

Exposure to liquidity risk and financing needs are monitored taking into account possible legal, regulatory and operational limitations; for this, the Bank has a prudent policy of liquidity management risks; In addition, internal limits have been established for liquidity gaps and liquid assets. Liquidity mismatches are shown in the following section.

Exposures to liquidity risk are covered from a funding point of view with local counterparties; which is also in line with the established limits.

Currently, the LCR calculation incorporates positions of the Bank and its subsidiaries.

*(b) Integration of balance sheet transactions by maturity and resulting liquidity gaps, including transactions recorded in memorandum accounts.*

To have control over the mismatch generated by the nature of the balance between assets and liabilities, Scotiabank sets limits to its liquidity gaps in different time frames. The Bank also monitors the daily gaps during the next 360 days, in order to have a broader picture of the institution's obligations for more than 30 days; The gaps incorporate active and passive positions of the balance sheets as well as positions outside it. The results at December 31, 2018 and the average of the fourth quarter of 2018<sup>5</sup> are:

<b>Scotiabank</b> <i>(Millions of Mexican pesos)</i>	<b>Closing balance</b>	<b>Average balance</b>	<b>Limit</b>
30-day cumulative gap (MXN + UDIs + USD)	8,625	(216)	(20,000)
Liquidity buffer (CCL metric)	39,244	36,203	26,000

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<sup>5</sup> The average includes the period from November 16, 2018 to the end of December 2018, because there were changes in the methodology, so the previous figures are not comparable

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The Bank also monitors daily gaps during the next 253 days, in order to have a broader picture of the institution's obligations for more than 30 days.

**II. Qualitative information-**

*(a) The way in which liquidity risk is managed in the Institution, considering for that purpose the tolerance to such risk; structure and responsibilities for the management of liquidity risk; internal liquidity reports; the liquidity risk strategy and policies and practices across the business lines and with the Board of Directors;*

One of the main objectives of Scotiabank is to generate value for its shareholders while maintaining the stability and solvency of the organization.

The principles of the Liquidity Risk Management process are:

- Ensure governance and supervision of liquidity risk, including clear guidelines of roles and responsibilities to ensure that monitoring, valuation, accounting, risk measurement, and risk management processes are independently conducted and reported.
- Identify, measure and manage the risk/return ratio, within the limits of tolerance and risk appetite established by the Board of Directors, ensuring that these activities are carried out in a prudent manner.

In the Financial Group there is an area in charge of the liquidity management, Treasury Group, in whose responsibility it is to cover the excess and lack of liquidity of the institution, for which it receives information on a daily basis about the contractual flows that will take place in a current market day, as well as the expected short-term and medium-term liquidity expectations for the main products. On the other hand, the area of Liquidity Risk Management has the responsibility to ensure that the main liquidity indicators are within the approved limits and that are aligned with the risk appetite of the institution, for such purposes the area of Liquidity Risk Management produces periodic information regarding liquid assets and liquidity gaps; in case of any deviation, must notify to the Group Treasury and involved areas in order to correct any deviation that could impact the institution's structural liquidity.

The internal liquidity reports as well as the policies in place with the purpose of the Integral Liquidity Risk Management are described in later sections.

*(b) Financing strategy, including diversification policies, and whether the financing strategy is centralized or decentralized;*

The funding strategy is determined by the Group Treasury of the institution but agreed and authorized by the Assets and Liabilities Committee. Where different areas of the Bank participate including business areas.

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(c) *Liquidity risk mitigation techniques used by the Institution;*

The Bank monitors the liquidity risk through different metrics and reports aligned with the risk appetite which include:

- LCR calculation (Liquidity Coverage Ratio)
- NSFR calculation (Net Stable Financing Ratio)
- Computation of liquid assets
- LDR calculation (Loan to Deposit Ratio)
- Monitoring the concentration of Wholesale Funding Ratio
- Monitoring Liquidity Gaps
- Monitoring of Deposits Concentration
- Monitoring of Bank Deposit
- Monitoring the Investment Portfolio
- Monitoring of assigned credits as collateral guarantee
- Monitoring of the relationship between funding obtained from the market and obtained from customers (Wholesale Funding Ratio)
- Liquidity Stress Testing
- Liquidity Contingency Financing Plan
- Periodic reports to the Assets and Liabilities Committee of the Institution
- Periodic reports to the Risk Committee
- Reports to the Board of Directors
- Policies and Manuals related to Liquidity Risk Management
- Contingency Plan for Solvency and Liquidity Risks

In order to mitigate liquidity risk, the Bank has established prudent guidelines, policies and procedures, paying particular attention to:

- Measurement, monitoring and forecasting of commitments involving cash flows for the major currencies managed by the Bank (MXP + UDIs and USD).
- Seek an uniform distribution of cash flows, minimizing liquidity gaps between assets and liabilities, considering the potential impact of renewals, prepayments, withdrawals of deposits, origination of credit and non-payment of credits
- Maintain diversified funding sources.
- Establish correspondent and Bank borrowings programs to help maintain market access.
- Implement and maintain programs for the issuance of liabilities, and portfolio discount with specialized funds
- Maintain operational capacity in the liquidation systems established by the Central Bank, considering for this the guarantee requirements and limits established for this purpose
- Maintain liquid assets reserves to meet operating needs and contingencies of liquidity needs.

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The Liquidity Contingency Financing Plan incorporates the corrective actions that the institution would have to start in case of contingency.

*(d) An explanation of how stress tests are used; and*

In accordance with the current standard stipulated in Appendix 12-B of Provisions applicable to Credit Institutions, which requires liquidity exercises in stress scenarios, the Bank periodically tests this in order to ascertain its ability to face adverse scenarios and be able to meet their short-term obligations based on a 30-day survival horizon.

These stress scenarios include, among others, the following assumptions:

- o Increase in the expected loss of credit portfolios
- o Increase in withdrawal of deposits
- o Disposal of lines of credit
- o Increase in the Bank's obligations due to degradation of the institution's rating
- o Exit of the main depositors of the Bank
- o Loss of Market Value of the Institution's liquid assets

The institution's liquidity stress tests contemplate different scenarios (i.e. idiosyncratic, systemic and combined) with 3 levels of severity each. The results of the stress tests are presented periodically to the collegiate bodies of the Bank.

Stress scenarios indicate an insight into liquidity gaps, liquid assets, and the institution's survival horizon, this information is critical for decision-making in order to maintain a solid position around liquid assets, as well as its short-term obligations in adverse scenarios. It is important to note that the institution has the Contingency Liquidity Financing Plan which incorporates the corrective actions that the institution would have to put in place in case of contingency.

*(e) A description of contingent financing plans.*

Periodically, the Group reviews all aspects of liquidity for the management of potential risks. The Contingency Liquidity Financing Plan is an integral component of this review and provides a frame of reference for determining the actions to be taken in the a crisis event and to be able to reestablish the Group's financial situation.

The general objectives of the Contingency Financing Plan are:

- o Identify potential threats that may seriously affect the liquidity of the Group and Subsidiaries.
- o Adhere to the early warning systems described in the Capital and Liquidity Conservation Action Plan.
- o Establish action plans to treat liquidity risks that the Group may face during the crisis period.

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- Propose actions to ensure that the global Group's liquidity risk is within the tolerance limits approved by the Board of Directors
- Ensure the availability of personnel, information and sources necessary in the crisis event to allow good decision-making.
- Ensure that information is provided to the Liquidity and Capital Management Committee opportunistically.

In case of requiring additional liquidity to the ordinary, the Central Bank may grant financing through any of the following operations or combination of these: (i) simple guaranteed credit operations with monetary regulation deposits or deposits in Dollars that the Financial Group maintains in the Central Bank, or (ii) repurchase/resell agreements on eligible securities. This financing is subject to the procedure indicated in Circular 10/2015 of the Central Bank.

Considering the levels of the Liquidity Coverage Ratio presented during the fourth quarter of 2018, which were greater than 90%, and according to the Provision for credit institutions on liquidity requirements, the Bank during the 3 months of the fourth quarter of 2018, falls in Scenario I (i.e. Scenario I, when the Liquidity Coverage Ratio corresponding to each day of the previous month is at least 90 percent).

**(26) Recently issued financial reporting standards-**

**Changes in the Provisions of the Banking Commission**

On November 15, 2018, a modification was published in the Official Gazette of the "resolution that modifies the general provisions applicable to credit institutions", published in the Official Gazette on December 27, 2017. This amendment considers January 1, 2020, as the effective date of the Financial Reporting Standards (NIF), issued by the CINIF and referred to in paragraph 3 of Criterion A-2 "Application of Particular Rules" of Appendix 33 that is modified by this instrument:

**Standards recently issued by the CINIF**

The CINIF has issued the MFRS and improvements listed below:

**MFRS B-17 "Determination of fair value"**- It establishes the valuation and disclosure standards in the determination of fair value, in initial and subsequent recognition, if the fair value is required or allowed by other specific MFRS.

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**MFRS C-3 “Accounts receivable”**- Some of the primary changes presented are the following:

- it provides that accounts receivable based on a contract are deemed financial instruments, while some other accounts receivable, resulting of legal or tax provisions, may have certain characteristics of a financial instrument, such as bearing interest, but are not in themselves financial instruments.
- it provides that the allowance for doubtful trade receivables shall be recognized as revenue is earned, based on the expected credit losses, and the allowance shall be recorded as an expense, separately when significant, in the statement of comprehensive income.
- it provides that, upon initial recognition, the time value of money shall be considered. Therefore, should the effect of the present value of the account receivable be significant in light of the term, an adjustment must be made taking into consideration such present value.
- it requires a reconciliation between the beginning and ending balances of the allowance for doubtful accounts for each period presented.

**MFRS C-9 “Provisions, Contingencies and Commitments”**- Some of the primary aspects covered by this MFRS include the following:

- The scope is narrowed by relocating the topic concerning accounting for financial liabilities to MFRS C-19 “Financial instruments payable”.
- The definition of “liability” is modified by eliminating the qualifier “virtually unavoidable” and including the term “probable”.

**MFRS C-16 “Impairment of financial instruments receivable”**- It establishes standards for the accounting recognition of impairment losses of all financial instruments receivable; it indicates when and how an expected impairment loss should be recognized and establishes the methodology for determination.

The primary changes arising from this MFRS consist of determining when and how expected impairment losses on financial instruments receivable should be recognized, including:

- It establishes that impairment losses on financial instruments receivable should be recognized if the credit risk increases and thus it is concluded that a portion of future cash flows of the financial instruments receivable will not be recovered.

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- It proposes recognizing the expected loss based on the entity's historical experience of credit losses, current conditions and reasonable and supportable forecasts of the various quantifiable future events that could affect the amount of future cash flows of the financial instruments receivable.
- With regard to interest-bearing financial instruments receivable, it establishes estimating how much of the financial instruments receivable amount is deemed recoverable and when, since the recoverable amount must be recorded at present value.

**MFRC C-19 “Financial instruments payable”** - Some of the main points covered by this MFRC include the following:

- It provides for the possibility of measuring, subsequent to their initial recognition, certain financial liabilities at fair value when certain conditions are fulfilled.
- Long-term liabilities are initially recognized at present value.
- In restructuring a liability, without the future cash flows for its settlement being substantially modified, the costs and commissions expensed in this process shall affect the amount of the liability and be amortized on a modified effective interest rate basis instead of directly affecting net income or loss.
- It includes the provisions of IFRIC 19 “Extinguishing Financial Liabilities with Equity Instruments”, which was not provided for by the existing standard.
- The effect of extinguishing a financial liability should be presented as financial income (loss) in the comprehensive statement of income.
- It introduces the concepts of amortized cost in valuing financial liabilities and of the effective interest method based on the effective interest rate.

**MFRC C-20 “SPPI Financing instruments receivable”** - Some of the main aspects resulting from the adoption of this MFRC are as follows:

- Classification of financial instruments within assets. To determine such classification, the concept of intention to acquire and hold financial instruments has been removed. Instead, the concept of business management model is adopted, either for obtaining a contractual yield, generating a contractual yield and selling in order to achieve certain strategic objectives, or generating earnings from the purchase and sale thereof, in order to classify them in accordance with the respective model.
- The valuation effect of investments in financial instruments is also focused on the business model.

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- The reclassification of financial instruments is not permitted among receivables, strategic investments, and negotiable instruments, unless the entity changes its business model.
- An embedded derivative that modifies the cash flows of principal and interest is not separated from its host receivable financial instrument. The entire receivable financial instrument shall be measured at fair value, as if it were a negotiable financial instrument.

**MFRS D-1 “Revenue from contracts with customers”-** Some of the primary changes are the following:

- The transfer of control as basis for the opportunity of revenue recognition is established.
- The identification of the obligations to be fulfilled in a contract is required.
- It indicates that the transaction amount between obligations to fulfill must be assigned based on independent sales prices.
- The concept “conditional account receivable” is introduced.
- The recognition of collection rights is required.
- Requirements and guidance on how to value the variable consideration and other aspects, upon valuing the income are established.

**MFRS D-2 “Costs from contracts with customers”-** establishes rules for the accounting recognition of costs of sales of goods or provision of services.

The primary change is the separation of the standard related to the recognition of revenues from contracts with customers, from the standard corresponding to the recognition of costs for contracts with customers. Additionally, it extends the scope of Bulletin D-7, referring exclusively to costs related to construction and manufacturing contracts for certain capital goods, to include costs related to all types of contracts with customers.

**MFRS D-5 “Leases”-** Main changes includes the following:

The accounting standard introduces a single model for the recognition of leases for the lessee and requires that the lessee recognizes the assets and liabilities of all leases with a term of more than 12 months, unless the asset is of low value. It requires to recognize a right-of-use asset that represents its right to use the leased asset and a lease liability that represents its obligation to make lease payments.

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It is considered that the following aspects of the new model are the most significant and important changes for lessors:

- modification of the definition of lease;
- elimination of the classification of operating or financial leases for a lessee, and the lessee recognizes a lease liability at the present value of lease payments and an asset for the right of use in the same amount;
- increase in leased assets balance and in financial liabilities balance of a lessee, which implies changes in the financial indicators related to the assets and liabilities of the entity;
- changes for the lessors the nature of the expenses related to such leases: lease expense now divided into an expense for depreciation / amortization and interest expense;
- change in the presentation of cash flows related to operating leases;
- modifies the recognition of the gain or loss in sale and lease back contracts.

As indicated above, the Banking Commission established the date of application of the previous MFRS on January 1, 2020, the Administration is in the process of evaluating the impact of these standards.