

# ConverseBank

**“Converse Bank” closed Joint Stock Company**

Consolidated Financial Statements

*For the period ended 30 June 2018*

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**Consolidated Statement of financial position**  
**As at 30 June 2018**  
*(In thousand Armenian drams)*

	<i>Notes</i>	<i>30/06/2018</i>	<i>31/12/2017</i>
<b>Assets</b>			
Cash and cash equivalents	15	41,218,901	39,842,049
Investments at fair value through profit or loss	16	1,042,219	787,330
Amounts due from banks	17	5,028,946	10,546,355
Loans and advances to customers	18	169,901,216	165,167,500
Investments at fair value through other comprehensive income	19	24,083,287	22,812,218
Securities pledged under repurchase agreements	20	3,564,649	3,056,113
Investments at amortized cost	21	1,570,110	346,140
Property, plant and equipment	22	6,421,183	6,115,287
Intangible assets	23	254,939	226,538
Repossessed assets	24	2,014,979	1,832,119
Other assets	25	1,865,991	2,004,204
<b>Total assets</b>		<b>256,966,420</b>	<b>252,735,853</b>
<b>Liabilities</b>			
Amounts due to banks	26	10,991,418	15,173,467
Financial liabilities at fair value through profit or loss	27	630,201	0
Derivative financial liabilities	28	34,655	68,857
Amounts due to customers	29	170,981,733	173,914,157
Bonds issued by the Bank	30	13,485,997	5,931,969
Current income tax liabilities		8,650	609,855
Deferred income tax liabilities	14	900,882	1,210,763
Other borrowed funds	31	15,299,678	12,659,350
Other liabilities	32	1,940,729	1,336,873
Provisions on contingent liabilities	33	82,777	0
Subordinated debt	34	5,832,080	5,854,396
<b>Total liabilities</b>		<b>220,188,800</b>	<b>216,759,687</b>
Share capital	35	16,416,633	16,416,633
Share premium		63,233	63,233
Statutory general reserve		1,898,319	1,243,064
Other reserves		5,535,543	5,352,857
Retained earnings		12,863,892	12,900,379
<b>Total equity</b>		<b>36,777,620</b>	<b>35,976,166</b>
<b>Total liabilities and equity</b>		<b>256,966,420</b>	<b>252,735,853</b>

The financial statements from pages were approved and signed by the Bank's Executive Director and Chief Accountant on July 13 2018.

Arthur Hakobyan  
Chief Executive Officer- Chairman of Executive Management

Davit Azatyan  
Chief Accountant

**Consolidated Statement of comprehensive income  
for the period ended 30 June 2018**  
(In thousand Armenian drams)

In thousand Armenian drams	Notes	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Interest income	7	5,078,456	9,938,082	4,306,036	8,218,133
Interest expense	7	(2,359,952)	(4,608,694)	(2,011,030)	(3,982,958)
<b>Net interest income</b>		<b>2,718,504</b>	<b>5,329,388</b>	<b>2,295,006</b>	<b>4,235,175</b>
Fee and commission income	8	625,773	1,200,277	569,222	1,030,397
Fee and commission expense	8	(193,802)	(402,492)	(165,974)	(303,634)
<b>Net fee and commission income</b>		<b>431,971</b>	<b>797,785</b>	<b>403,248</b>	<b>726,763</b>
Net trading income	9	492,148	831,831	208,183	466,788
Net (losses)/gains from foreign currency translation		(266,778)	(313,626)	79,807	73,381
<i>Gains less losses on investments at fair value through other comprehensive income</i>		<i>39,044</i>	<i>235,705</i>	<i>8,114</i>	<i>44,585</i>
Other income	10	232,215	404,166	228,120	473,789
Changes in allowance for expected credit losses	11	(267,225)	(627,544)	(83,867)	(573,803)
Staff costs	12	(1,195,850)	(2,336,565)	(957,741)	(1,951,001)
Depreciation of property and equipment	22	(143,785)	(289,809)	(196,273)	(378,519)
Amortization of intangible assets	23	(14,531)	(28,149)	(8,804)	(17,837)
Other expenses	13	(742,957)	(1,491,041)	(663,161)	(1,284,635)
<b>Profit before income tax</b>		<b>1,282,756</b>	<b>2,512,141</b>	<b>1,312,632</b>	<b>1,814,685</b>
Income tax expense	14	(279,027)	(500,395)	(208,641)	(316,498)
<b>Profit for the period</b>		<b>1,003,729</b>	<b>2,011,746</b>	<b>1,103,991</b>	<b>1,498,187</b>
<b>Other comprehensive income:</b>					
<b>Other comprehensive income not to be reclassified to profit or loss in subsequent periods:</b>					
Revaluation of property and equipment					
Income tax effect		-	-	-	-
<b>Net other comprehensive income not to be reclassified subsequently to profit or loss</b>					
<b>Other comprehensive income to be reclassified to profit or loss in subsequent periods:</b>					
Unrealised gains/(losses) on investments at fair value through other comprehensive income		(69,038)	188,036	328,565	595,286
Realised (gains)/losses on investments at fair value through other comprehensive income reclassified to the statement of profit or loss		(39,044)	(235,705)	(8,114)	(44,585)
Income tax effect		23,461	7,737	(82,093)	(110,140)
<b>Net other comprehensive income to be reclassified subsequently to profit or loss</b>		<b>(84,621)</b>	<b>(39,932)</b>	<b>238,358</b>	<b>440,561</b>
<b>Other comprehensive income for the period, net of tax</b>		<b>(84,621)</b>	<b>(39,932)</b>	<b>238,358</b>	<b>440,561</b>
<b>Total comprehensive income for the period</b>		<b>919,108</b>	<b>1,971,814</b>	<b>1,342,348</b>	<b>1,938,748</b>

**Consolidated Statement of cash flows for the period ended  
30 June 2018**

<b>In thousand Armenian drams</b>	<b>01/01/2018-30/06/2018</b>	<b>01/01/2017-30/06/2017</b>
<b>Cash flows from operating activities</b>		
Interest received	10,151,980	8,085,492
Interest paid	(4,337,153)	(3,868,170)
Fees and commissions received	1,200,277	1,030,397
Fees and commissions paid	(402,492)	(303,634)
Net income from securities at fair value through profit or loss	831,831	466,788
Other income received	384,464	155,770
Administrative expenses paid	(2,282,896)	(1,951,001)
Other operating expenses paid	(1,520,373)	(1,284,635)
<b>Cash flows from operating activities before changes in operating assets and liabilities</b>	<b>4,025,638</b>	<b>2,331,007</b>
<i>Net (increase)/decrease in operating assets</i>		
Securities at fair value through profit or loss	(254,889)	181,632
Amounts due from banks	5,840,913	1,159,509
Loans to customers	(3,436,862)	(18,289,346)
Repossessed assets	(182,860)	(4,484)
Other assets	149,515	(802,551)
<i>Net increase/(decrease) in operating liabilities</i>		
Amounts due to banks	(4,622,675)	11,244,376
Amounts due to customers	(4,142,808)	11,204,982
Derivative financial liabilities	(34,247)	8,802
Other liabilities	834,804	(661,322)
<b>Net cash flows from operating activities before income tax</b>	<b>(1,823,470)</b>	<b>6,372,606</b>
Income tax paid	(559,205)	20,157
<b>Net cash from / (used in) operating activities</b>	<b>(2,382,675)</b>	<b>6,392,763</b>
<b>Net cash flow from investing activities</b>		
Purchase of Investments at fair value through other comprehensive income	(9,823,125)	(6,113,090)
Proceeds from sale of Investments at fair value through other comprehensive income	9,286,231	1,799,852
Purchase of intangible assets	-	(30,103)
Purchase of property and equipment	(221,681)	(488,693)
Proceeds from sale of property and equipment	315	400
<b>Net cash from / (used in) investing activities</b>	<b>(758,260)</b>	<b>(4,831,635)</b>
<b>Net cash flow from financing activities</b>		
Proceeds from issue of share capital	-	-
Proceeds from issued bonds	7,554,028	2,908,706
Proceeds from other borrowed funds	3,656,170	1,520,972
Repayment from other borrowed funds	(6,242,131)	(1,757,654)
Repayment of subordinated loans	(43,589)	(1,541,212)
Dividends paid to shareholders	-	-
<b>Net cash from / (used in) financing activities</b>	<b>4,924,479</b>	<b>1,130,813</b>
<b>Net increase/(decrease) in cash and cash equivalents</b>	<b>1,783,543</b>	<b>2,691,941</b>
Effect of exchange rates changes on cash and cash equivalents	(406,691)	(259,457)
Cash and cash equivalents, beginning	39,842,049	44,751,939
<b>Cash and cash equivalents, ending of period</b>	<b>41,218,901</b>	<b>47,184,422</b>

## Consolidated Statement of changes in equity

In thousand Armenian drams	Share capital	Share premium	Statutory general reserve	Revaluation reserve of securities available for sale	Revaluation reserve of PPE	Retained earnings	Total
<b>Balance as of January 1, 2017 (audited)</b>	16,416,633	63,233	1,005,996	1,365,200	3,353,126	9,973,817	32,178,005
Issue of share capital							-
Distribution to general reserve							-
Dividends to shareholders							-
Total Transactions with owners	-	-	-	-	-	-	-
Profit for the period						1,498,187	1,498,187
Other comprehensive income for the period				440,561	-		440,561
Total comprehensive income for the period	-	-	-	440,561	-	1,498,187	1,938,748
Depreciation of revaluation reserve	-	-	-	-	(76,995)	76,995	-
<b>Balance as of June 30, 2017</b>	16,416,633	63,233	1,005,996	1,805,761	3,276,131	11,548,999	34,116,753
<b>Balance as of January 1, 2018 (audited)</b>	16,416,633	63,233	1,243,064	2,171,785	3,181,072	12,900,379	35,976,166
Impact of IFRS 9				284,213		(884,223)	(600,010)
<b>Restated balance as of January 1, 2018</b>	16,416,633	63,233	1,243,064	2,455,998	3,181,072	12,016,156	35,376,156
Issue of share capital							-
Distribution to general reserve			655,255			(655,255)	-
Dividends to shareholders						(570,350)	(570,350)
Total Transactions with owners	-	-	655,255	-	-	(1,225,605)	(570,350)
Profit for the period						2,011,746	2,011,746
Other comprehensive income for the period				(39,932)			(39,932)
Total comprehensive income for the period	-	-	-	(39,932)	-	2,011,746	1,971,814
Depreciation of revaluation reserve	-	-	-	-	(61,595)	61,595	-
<b>Balance as of June 30, 2018</b>	16,416,633	63,233	1,898,319	2,416,066	3,119,477	12,863,892	36,777,620

### 3. Principal activities

“Converse Bank” CJSC (the “Bank”) is the parent company of the Group, which is comprised of the Bank and its subsidiary (the “Group”).

“Converse Bank” CJSC is a closed joint-stock bank, which was incorporated in the Republic of Armenia in 1994. The Bank is regulated by the legislation of RA and conducts its business under license number 57, granted on November 28, 1994 by the Central Bank of Armenia (the “CBA”).

The Bank accepts deposits from the public and extends credit, transfers payments in Armenia and abroad, exchanges currencies and provides other banking services to its commercial and retail customers.

The Bank’s main office is in Yerevan and its 33 branches are located in Yerevan and in different regions, and 1 branch is located in NKR. The registered office of the Bank is located at 26/1 Vazgen Sargsyan Str., Yerevan, RA.

Advanced Global Investments LLC is the largest shareholder of the Group (80.94%-of shares).

The second largest shareholder is the HAYPOST TRUST MANAGEMENT BV (14.06%-of shares).

And another shareholder is the MOTHER SEE OF HOLY ETCHMIADZIN (5%-of shares).

The ultimate controlling party of the Group is Argentinean businessman E. Eurnekian.

As of 30.06.18 742 employees were hired by the parent company and 26 by its subsidiary.

The consolidated financial statements include the following subsidiary:

<i>Subsidiary</i>	<i>Ownership %</i>			<i>Country</i>	<i>Date of incorporation</i>		<i>Industry</i>
	<i>2016</i>	<i>2017</i>	<i>2018</i>				
“Converse Collection” LLC	100 %	100 %	100 %	Armenia	April 2000	20,	Transportation of cash, cash equivalents and other assets

### 3. Armenian business environment

Armenia continues to undergo political and economic changes. As an emerging market, Armenia does not possess a developed business and regulatory infrastructure that generally exists in a more mature free market economy. In addition, economic conditions continue to limit the volume of activity in the financial markets, which may not be reflective of the values for financial instruments. The main obstacle to further economic development is a low level of economic and institutional development, along with a centralized economic base.

Deterioration of economic situation of countries collaborating with the RA led to the shortage of money transfers from abroad, upon which the economy of Armenia is significantly dependant. Further decline in international prices of mining products, uncertainties due to possibilities of attraction of direct capital investments, inflation, may lead to deterioration of the situation of Armenian economy and of the Group. However, as the number of variables and assumptions involved in these uncertainties is big, management cannot make a reliable estimate of the amounts by which the carrying amounts of assets and liabilities of the Group may be affected.

Management of the Group believes that in the current conditions appropriate measures are implemented in order to ensure economic stability of the Group.

### Basis of preparation

## **Statement of compliance**

The consolidated financial statements of the Group have been prepared in accordance with International Financial Reporting Standards (“IFRS”) as developed and published by the International Accounting Standards Board (IASB), and Interpretations issued by the International Financial Reporting Interpretations Committee (“IFRIC”).

## **Basis of measurement**

The consolidated financial statements have been prepared on a fair value basis for financial assets and liabilities at fair value through profit or loss and available for sale assets, except those for which a reliable measure of fair value is not available. Other financial assets and liabilities are stated at amortized cost and non-financial assets and liabilities are stated at historical cost, with the exception of land and buildings, which are stated at revaluated amount.

## **Functional and presentation currency**

Functional currency of the Group is the currency of the primary economic environment in which the Group operates. The Group’s functional currency and the Group’s presentation currency is Armenian Dram (“AMD”), since this currency best reflects the economic substance of the underlying events and transactions of the Group. The Group prepares statements for regulatory purposes in accordance with legislative requirements of the Republic of Armenia. These consolidated financial statements are based on the Group’s books and records as adjusted and reclassified in order to comply with IFRS. The consolidated financial statements are presented in thousands of AMD, which is not convertible outside Armenia.

## **Amendments to Accounting Policy**

In these consolidated financial statements the Group has applied the revised version of IFRS 9 and IFRS 7 standards, which entered into force on January 1 2018 and is applied to reporting periods beginning on or after January 1 2018.

### ***IFRS 9 Financial instruments***

IFRS 9 replaces IAS 39 from January 1 2018 and is applied to annual reporting periods beginning on or after January 1 2018. The Group will continue hedge accounting in compliance with IAS 39.

The Group will not redisclose the comparative information about the financial instruments for the year 2017. The differences arisen as a result of implementation of IFRS 9 were recorded in the direct retained profits and other provisions as at 01.01.2018 and were disclosed in Note 34.

### ***Classification and Measurement Changes***

IFRS 9 requires assessment of all the financial assets, except for investments in equity instruments and derivative instruments, based on a consolidated approach in terms of the business model used to manage the company’s assets and the cash flow characteristics.

The measurement categories of IAS 39 will be replaced by the following categories:

- Fair value measured through profit or loss
- Fair value measured through other comprehensive income
- Measured at amortized cost

The requirements of IAS 39 for financial liabilities accounting have not changed significantly.



### ***Impairment Assessment Changes***

IFRS 9 establishes a quite new approach to impairment of losses. This standard replaces IAS39 approach of incurred credit losses with the approach of expected credit losses (ECL). The Group has recognized the reserve of expected credit losses for all financial instruments measuring loans and receivables, which are not measured at fair value through profit or loss, as well as for credit liability agreements and financial guarantee contracts. The impairment to loss calculation was made by three stages, which reflect the credit quality decrease of the financial instrument. The expected credit losses classified in the first stage have been estimated based on the possibility of default within the next twelve months. The expected credit losses for the instruments classified in the second stage have been estimated based on the probability of default during the period of expected repayment of the instrument. 100% default probability is defined for the instruments classified in the third stage.

### ***Amendments to IAS 12, Income Tax***

In January 2016, the IASB published the amendments to IAS 12 and clarified the accounting standards for the deferred tax assets in terms of debt instruments, which are measured at fair value for financial accounting purposes, and measured at original cost for tax accounting purposes. These amendments entered into force in January 1 2017 and are applied to reporting periods beginning on or after that date. The early application is permitted. The Group has calculated that the amendments will not have any impact on the consolidated financial statements.

### **Standards and Comments that are not yet applied by the Group**

Hereunder are the standards and interpretations, which though have been issued, but have not yet entered into force as of the date of publishing the Group's consolidated financial statements. The Group intends to apply these standards as soon as they enter into force.

### ***IFRS 16 Leases***

The IASB has issued the new IFRS 16 "Leases" in January 2016. The new standard does not considerably change the lease accounting for the tenants. However, it requires the lessees to recognize the majority of leases as part of their lease obligations in the accounting balance, together with the right to use the relevant asset. Tenants should apply a uniform model for all recognized leases. At the same time they will have the opportunity of unrecognizing short-term leases and lease of low-cost assets. In general, recognition of profit or loss is similar to the present-day financial accounting as a separate statement of interest income and depreciation recognition in terms of profit or loss.

IFRS 16 will enter into force in January 1 2019 and will be effective for annual periods beginning on or after that date. Early application is permitted provided that the new revenue standard IFRS 15 is applied on the same date.

The Group does not plan early adoption of IFRS 16 and currently assesses its impact.

## **4. Summary of accounting policies (continued)**

The following significant accounting policies have been applied in the preparation of the consolidated financial statements. The accounting policies have been consistently applied.

### **Basis of consolidation**

Subsidiary, which is entity where the parent is exposed, or has rights, to variable returns from its involvement with the subsidiary and has the ability to affect those returns through its power over the subsidiary, are consolidated. Subsidiary is consolidated from the date on which control is transferred to the Group and are no longer consolidated from the date that control ceases. All intercompany transactions, balances and unrealised gains on transactions between group companies are eliminated; unrealised losses are also eliminated unless the transaction provides evidence of an

impairment of the asset transferred. Where necessary, accounting policies for subsidiary have been changed to ensure consistency with the policies adopted by the Group. Subsidiary has a reporting date of 31 December.

On acquisition, the assets and liabilities and contingent liabilities of a subsidiary are measured at their fair values at the date of acquisition. Any excess of the cost of acquisition over the fair values of the identifiable net assets acquired is recognised as goodwill. Any deficiency of the cost of acquisition below the fair values of the identifiable net assets acquired (i.e. discount on acquisition) is credited to profit and loss in the period of acquisition.

#### **4. Summary of accounting policies (continued)**

##### **Recognition of income and expenses**

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Group and the revenue can be reliably measured. Expense is recognized to the extent that it is probable that the economic benefits will flow from the Group and the expense can be reliably measured. The following specific criteria must also be met before revenue is recognized:

##### *Interest income and expense*

Interest income and expense for all interest-bearing financial instruments, except for those classified as held for trading or designated at fair value through profit or loss, are recognised within “interest income” and “interest expense” in the consolidated statement of comprehensive income using the effective interest method.

Once the recorded value of a financial asset or a group of similar financial assets has been reduced due to an impairment loss, interest income continues to be recognized using the original effective interest rate applied to the new carrying amount.

##### *Fee and commission income*

Loan origination fees for loans issued to customers are deferred (together with related direct costs) and recognised as an adjustment to the effective yield of the loans. Fees, commissions and other income and expense items are generally recorded on an accrual basis when the service has been provided. Portfolio and other management advisory and service fees are recorded based on the applicable service contracts. Asset management fees related to investment funds are recorded over the period the service is provided. The same principle is applied for wealth management, financial planning and custody services that are continuously provided over an extended period of time.

##### *Dividend income*

Revenue is recognized when the Group’s right to receive the payment is established.

##### *Net trading income*

Net trading income comprises gains less losses related to trading assets and liabilities, and includes all realized and unrealized fair value changes, interest, dividends and foreign exchange differences related to trading assets and liabilities. Net trading income also includes gains less losses from trading in foreign currencies and is recognized in profit or loss when the corresponding service is provided.

##### *Operating rental income*

Rental income arising on investment properties is accounted for on a straight-line basis over the lease term on ongoing leases and is recorded in the consolidated statement of comprehensive income as “Other income”.

##### **Foreign currency translation**

The consolidated financial statements are presented in Armenian drams, which is the Group’s functional and presentation currency. Transactions in foreign currencies are initially recorded in the functional currency, converted at

the rate of exchange ruling at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency rate of exchange ruling at the reporting date. Gains and losses resulting from the translation of foreign currency transactions are recognized in the consolidated statement of profit or loss as gains less losses from foreign currencies translation differences. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as of the date of the initial transaction. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was determined.

Differences between the contractual exchange rate of a transaction in a foreign currency and the exchange rate of the CBA on the date of the transaction are included in gains less losses from dealing in foreign currencies. The official exchange rates of the CBA at 31 December 2017 and 30 June 2018 were AMD 484.1 and AMD 482.24 to USD 1, respectively.

#### **4. Summary of accounting policies (continued)**

##### **Taxation**

Income tax on the profit for the year comprises current and deferred tax. Income tax is recognized in the consolidated statement of comprehensive income except to the extent that it relates to items recognized directly in equity, in which case it is recognized in equity.

Current tax is the expected tax payable on the taxable income for the year, using tax rates enacted or substantially enacted at the balance sheet date, and any adjustment to tax payable in respect of previous years. In the case when financial statements are authorized for issue before appropriate tax returns are submitted, taxable profits or losses are based on estimates. Tax authorities might have more stringent position in interpreting tax legislation and in reviewing tax calculations. As a result tax authorities might claim additional taxes for those transactions, for which they did not claim previously. As a result significant additional taxes, fines and penalties could arise. Tax review can include 3 calendar years immediately preceding the year of a review. In certain circumstances tax review can include even more periods.

Deferred tax assets and liabilities are calculated in respect of temporary differences using the liability method. Deferred income taxes are provided for all temporary differences arising between the tax bases of assets and liabilities and their carrying values for financial reporting purposes, except where the deferred income tax arises from the initial recognition of goodwill or of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss.

A deferred tax asset is recorded only to the extent that it is probable that taxable profit will be available against which the deductible temporary differences can be utilized. Deferred tax assets and liabilities are measured at tax rates that are expected to apply to the period when the asset is realized or the liability is settled, based on tax rates that have been enacted or substantively enacted at the balance sheet date.

Deferred income tax is provided on temporary differences arising on investments in subsidiaries, associates and joint ventures, except where the timing of the reversal of the temporary difference can be controlled and it is probable that the temporary difference will not reverse in the foreseeable future.

The Republic of Armenia also has various operating taxes, which are assessed on the Group's activities. These taxes are included as a component of other expenses in the consolidated statement of comprehensive income.

##### **Cash and cash equivalents**

Cash and cash equivalents comprise cash on hand, balances on correspondent accounts with the Central Bank of Armenia (excluding those funds deposited for the settlement of ArCa payment cards), including obligatory reserves and amounts due from other banks, which can be converted into cash at short notice, including highly liquid investments maturing within 90 days from the date of acquisition that are readily convertible into known amounts of cash and which are subject to an insignificant risk of changes in value.

Cash and cash equivalents are carried at amortised cost.

## **Precious metals**

Gold and other precious metals are recorded at CBA prices which approximate fair values and are quoted according to London Bullion Market rates. Precious metals are included in other assets in the consolidated statement of financial position.

Changes in the bid prices are recorded in net gain/loss on operations with precious metals in other income/expense.

## **Amounts due from banks**

In the normal course of business, the Group maintains advances or deposits for various periods of time with other banks. Loans and advances to banks with a fixed maturity term are subsequently measured at amortized cost using the effective interest method. Those that do not have fixed maturities are carried at amortized cost based on maturities estimated by management. Amounts due from banks are carried net of any allowance for impairment losses.

## **Financial Instruments:**

The Group recognizes financial assets and liabilities on its balance sheet when it becomes the contracting party of the instrument. All regular purchases and sales of financial assets and liabilities are recognized at the transaction date. Regular purchases of financial instruments that are measured at fair value in the future are accounted for by the same principle in the period between the contract date and the transaction date as are accounted the acquired instruments.

The financial asset or liability is measured at fair value at initial recognition plus the directly attributable transaction costs, in the case where it is not a financial asset or a financial liability measured at fair value through profit or loss. After initial recognition, all financial liabilities, except for financial liabilities measured at fair value through profit or loss (including those held for trading purposes), are accounted at amortized cost using the effective interest method. The financial liabilities are accounted at fair value after being initially recognized at fair value through profit or loss.

After January 1, 2018, the Group classifies its financial assets based on the business model of financial assets management and the contract provisions related to cash flows of the financial asset, as follows:

- Financial assets recognized at amortized cost
- Financial assets measured through other comprehensive income;
- Financial assets measured at fair value through profit or loss;

Until January 1 2018, the Group has classified its financial assets into the following groups: loans and receivables, financial assets measured at fair value through profit or loss, financial assets available-for-sale and investments held-to-maturity.

### ***Financial assets recognized at amortized cost***

After January 1, 2018, the Group measures Cash and cash equivalents, Claims to banks, loans to Customers, receivables, securities held-to-maturity and other financial assets at amortized cost, if the following two conditions are provided:

- The asset is held within a business model, the purpose of which is to hold the assets for collecting contractual cash flows;
- the contractual terms of the financial asset give rise to cash flows on specified dates, that are solely payments of interests accrued on principal and outstanding principal amounts.

Details of the terms are mentioned below.

### ***Business Model Assessment:***

The Group classifies the financial assets as assets to be measured at amortized value or at fair value based on the Group's business model for managing financial assets. The Group evaluates whether its financial assets meet that requirement taking as a basis the purpose of the business model as determined by the Group's core management.

The group's business model does not depend on management's intentions with regard to a particular instrument. Consequently, this condition is not an instrument-to-instrument classification approach and should be determined at a higher grouping level. However, the Group may have more than one business model for managing its financial instruments.

Although the purpose of the Group's business model may be holding of the financial assets to collect contractual cash flows, the Group does not need to hold till maturity all those instruments. Thus, the Group may apply the business model of holding the financial assets to collect contractual cash flows even in case of selling the financial assets.

However, if the sales from portfolio are regular, the Group assesses whether and how such sales meet the objectives of collecting contractual cash flows.

#### ***Contractual cash flows that are solely the payments of principal and interest on the principal amount outstanding***

The group classifies the financial asset as an asset to be measured at amortized cost in the future, if it meets the SPPI test (Solely Payments of Principal and Interest on the principal amount outstanding).

In the scope of this test the "Principal amount" is defined as fair value of the financial asset at its initial recognition and may be changed during the financial asset validity period.

The most important element for calculating the interests is the consideration of time value of money and credit risk.

When applying the SPPI test, the Group uses its judgments and takes into account such factors as the currency and the time period of the financial instrument for which the interest rate is set.

#### ***Loans and Accounts Receivable***

Loans and accounts receivable are financial assets with fixed or determinable payments, which are created when the Group provides cash directly to the borrower without the intention to sell the debt.

The loans at fixed maturity are initially recognized at fair value, plus the costs relating to the deal. Where the fair value of the disbursed sums differ from the fair value of the loan, for instance if the loan is issued at lower-than-market interest rate, the difference between the fair values of the disbursed sum and the loan is recorded at the date of initial recognition of the loan as an expense from allocation of assets at lower-than-market rates in the P&L statement or other consolidated comprehensive financial statement. Thereafter, the loans are measured at depreciated cost by applying effective rate method. The loans issued to customers without fixed maturity are accounted at depreciated cost depending on the assumed maturity.

Cash and equivalent, claims to banks, loans issued to customers, accounts receivable, securities held to maturity, and other financial assets are deducted to the amount of expected loss from impairment.

#### ***Financial assets measured at fair value through profit or loss***

Financial assets held for commercial purpose and financial assets measured at fair value – through profit or loss, are accounted in this group.

The Group classifies financial assets as those held for commercial purpose, if irrespective of the reason for their acquisition, they constitute a part of such portfolio for which an evidence exists about actual ways for earning profit in short term.

Asset and liabilities held for commercial purpose are measured at fair value based on the current market prices. All respective profit and loss are recorded in the net commercial income item of financial statements.

In the course of its regular business, and at Forex and capital markets, the Group acts as a counterparty to derivative

contracts, such as futures, forwards, swaps and options. Such derivatives are classified as instruments held for commercial purpose and are initially recognized in compliance with the policies for initial recognition of financial instruments, and are further measured at fair value. The fair value is determined through market quoted prices or by applying models grounded on assessments of current market situation and contractual prices of basic instruments and other factors. Derivatives with positive value are recorded as asset and with negative value – as liability.

Derivatives contained in other financial instruments are viewed as separate derivatives, if the related risks and features are not closely connected with the risks and features of the main contracts, and if the main contracts are not recorded at fair value – through profit or loss. The contained derivative is a component of a hybrid financial instrument, which includes both the main contract and the derivative component, due to which certain cash flows from the hybrid instrument change in the same way like separate derivatives.

According to IAS 39, financial assets and liabilities containing derivatives are viewed as separate derivatives and are measured at fair value – through profit or loss. Due to application of IFRS 9 from January 1, 2018, the Group accounts for financial liabilities containing derivatives in a similar manner, and classifies financial assets based on the business model for management of financial assets and the contractual feature of cash flows of the financial asset.

#### **Financial assets measured at fair value and recorded in other comprehensive income**

The Group classifies the debt instruments as measured at fair value and recorded in other comprehensive income in cases when they are held within the business model of the Group, the purpose of which is holding of assets for collection of contractual cash flows and/or sale of such assets.

The particular group includes assets available for sale as previously categorized under IAS 39.

The unfairized profit and loss generated from the change of the fair value are recognized directly in the equity until the point, when the particular debt instrument is sold or is determined as impaired. The profit or loss accumulated at that point, which has previously been recognized in the equity, should be recognized in the financial statements for the reporting period.

The estimation of expected loss from debt instruments measured at fair value and recorded in other comprehensive income is not deducted from their book value, and their fair value is reflected in the financial statement. Instead, the amount of impairment is recognized in other comprehensive income as accumulated impairment by corresponding it to income/expenditure. In other comprehensive income the accumulated loss is reclassified to financial results at the point of de-recognition of the asset.

The interests estimated by effective rate method are recognized in the consolidated comprehensive financial statements. The dividends from capital instruments available for sale are recorded in the consolidated comprehensive financial statements only when the Group is authorized to receive those dividends. The fair value of the financial asset intensively traded in regulated financial markets is determined through the prices quoted for the particular asset at closing of the stock exchange as of the reporting date. The fair value of assets that do not have active market is determined by means of valuation models. Such models involve the recent independent market deals, references to market prices of assets not having essential difference, and the discounted cash flows analysis.

The estimation of the expected loss is described in the *Impairment of Financial Instruments* section.

The Group has classified capital instruments as measured at fair value and recorded in other comprehensive income, and all fairized and unfairized profit and loss related thereto, except the dividends, are recorded directly in the equity and are deemed financial results not to be reclassified later.

Impairment is not calculated for capital instruments.

#### **4. Summary of accounting policies (continued) financial instruments**

The Group assesses at each balance sheet date whether a financial asset or group of financial assets is impaired.

The Group continuously monitors all assets subject to impairment. In order to classify an instrument or a portfolio of instruments the Group assesses whether there has been a significant increase in credit risk since initial recognition. In order to determine whether an instrument or a portfolio of instruments is subject to 12mECL or LTECL, the Group assesses whether there has been a significant increase in credit risk since initial recognition. The Group assesses whether there has been a significant increase in credit risk if asset is more than 30 days overdue. In addition as an assessment of significant increase of risk Group considers additional quantitative and qualitative parameters such as monitoring results, restructuring of the loans, deterioration in macroeconomic factors affecting borrower.

Main consideration when classifying assets into Stage 2 is if payment of principal and interests are overdue by 30 days.

Main consideration when classifying assets into Stage 3 is if payment of principal and interests are overdue by 90 days.

The Bank considers treasury and interbank balances defaulted and takes immediate action when the required intraday payments are not settled by the close of business as outlined in the individual agreements.

As a part of a qualitative assessment of whether a customer is in default, the Group also considers a variety of instances that may indicate unlikeliness to pay. When such events occur, the Group carefully considers whether the event should result in treating the customer as defaulted and therefore assessed as Stage 3 for ECL calculations or whether Stage 2 is appropriate. Such events include:

- Internal rating of the borrower indicating default or near-default
- The borrower having past due liabilities to other financial organizations
- The borrower requesting emergency funding from the Group
- A material decrease in the underlying collateral value where the recovery of the loan is expected from the sale of the collateral
- A material decrease in the borrower's financial state
- Deterioration in macroeconomic factors affecting borrower
- The borrower is deceased

#### **Expected Credit Loss (ECL)**

In order to calculate ECL Group considered historical data of five years. Afterwards for Stage 1 loan, the Group assesses the possible default events within 12 months for the calculation of the 12mECL. For Stage 2, Stage 3 and POCI financial assets, the exposure at default is considered for events over the lifetime of the instruments.

#### **The exposure at default (EAD)**

EAD represents the gross carrying amount of the financial instruments subject to the impairment calculation, addressing both the client's ability to increase its exposure while approaching default and potential early repayments too.

#### **Loss given default (LGD)**

LGD rates take into account the expected EAD in comparison to the amount expected to be recovered realised from any collateral held. LGD is calculated based on historical data of five years.

The Group segments its retail lending products into smaller homogeneous portfolios, based on key characteristics that are relevant to the estimation of future cash flows. The applied data is based on historically collected loss data and involves a wider set of transaction characteristics (e.g., product type, wider range of collateral types) as well as borrower characteristics.

As a summary Group classified its loan portfolio into the following categories: business loans, gold collateral loans, mortgage loans and other retails loans.

The Group first assesses whether objective evidence of impairment exists individually for financial assets that are individually significant, and individually or collectively for financial assets that are not individually significant. If it is determined that no objective evidence of impairment exists for an individually assessed financial asset, whether significant or not, the asset is included in a group of financial assets with similar credit risk characteristics and that group of financial assets is collectively assessed for impairment. Assets that are individually assessed for impairment and for which an impairment loss is or continues to be recognised are not included in a collective assessment of impairment.

If there is objective evidence that an impairment loss on financial assets carried at amortised cost has been incurred, the amount of the loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows (excluding future credit losses that have not been incurred) discounted at the financial asset's original effective interest rate (i.e. the effective interest rate computed at initial recognition). The carrying amount of the asset shall be reduced through use of an allowance account. The amount of the loss shall be recognised in the consolidated statement of comprehensive income. If a loan or held-to-maturity investment has a variable interest rate, the discount



rate for measuring any impairment loss is the current effective interest rate determined under the contract. The Group may measure impairment on the basis of an instrument's fair value using an observable market price.

The calculation of the present value of the estimated future cash flows of a collateralised financial asset reflects the cash flows that may result from foreclosure less costs for obtaining and selling the collateral, whether or not the foreclosure is probable.

For the purpose of a collective evaluation of impairment, financial assets are grouped on the basis of the Group's internal credit grading system that considers credit risk characteristics such as asset type, industry, geographical location, collateral type, past-due status and other relevant factors.

Future cash flows in a group of financial assets that are collectively evaluated for impairment are estimated on the basis of the contractual cash flows of the assets in the group and historical loss experience for assets with credit risk characteristics similar to those in the group. Historical loss experience is adjusted on the basis of current observable data to reflect the effects of current conditions that did not affect the period on which the historical loss experience is based and to remove the effects of conditions in the historical period that do not currently exist.

Estimates of changes in future cash flows for groups of assets should reflect and be directionally consistent with changes in related observable data from period to period (for example, changes in unemployment rates, property prices, payment status, or other factors indicative of changes in the probability of losses in the group and their magnitude). The methodology and assumptions used for estimating future cash flows are reviewed regularly by the Group to reduce any differences between loss estimates and actual loss experience.

Loans together with the associated allowance are written off when there is no realistic prospect of future recovery and all collateral has been realised or has been transferred to the Group. If, in a subsequent year, the amount of the estimated impairment loss increases or decreases because of an event occurring after the impairment was recognized, the previously recognized impairment loss is increased or reduced by adjusting the allowance account. If future write-off is later recovered, the recovery is credited to the allowance account.

#### **Reclassification of financial assets and liabilities**

After 1 January 2018 The Group does not reclassify financial assets after initial recognition except for rare situations when the Group purchases, sells or prorogue business activity.

The Group never reclassifies the financial liabilities.

No reclassification of financial assets and liabilities took place during 2018.

#### **Derecognition of financial assets and liabilities**

##### *Financial assets*

A financial asset (or, where applicable a part of a financial asset or part of a group of similar financial assets) is derecognised where:

- ▶ the rights to receive cash flows from the asset have expired;
- ▶ the Group has transferred its rights to receive cash flows from the asset, or retained the right to receive cash flows from the asset, but has assumed an obligation to pay them in full without material delay to a third party under a 'pass-through' arrangement; and
- ▶ the Group either (a) has transferred substantially all the risks and rewards of the asset, or (b) has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

Where the Group has transferred its rights to receive cash flows from an asset and has neither transferred nor retained substantially all the risks and rewards of the asset nor transferred control of the asset, the asset is recognised to the extent of the Group's continuing involvement in the asset. Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Group could be required to repay.



Where continuing involvement takes the form of a written and/or purchased option (including a cash-settled option or similar provision) on the transferred asset, the extent of the Group's continuing involvement is the amount of the transferred asset that the Group may repurchase, except that in the case of a written put option (including a cash-settled option or similar provision) on an asset measured at fair value, the extent of the Group's continuing involvement is limited to the lower of the fair value of the transferred asset and the option exercise price.

## **Derecognition of financial assets and liabilities (continued)**

### *Financial liabilities*

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognised in the consolidated statement of comprehensive income.

## **Repurchase and reverse repurchase agreements**

Sale and repurchase agreements ("repos") are treated as secured financing transactions. Securities sold under sale and repurchase agreements are retained in the consolidated statement of financial position and, in case the transferee has the right by contract or custom to sell or repledge them, reclassified as securities pledged under sale and repurchase agreements and faced as the separate balance sheet item. The corresponding liability is presented within amounts due to banks or customers.

Securities purchased under agreements to resell ("reverse repo") are recorded as amounts due from banks or loans and advances to customers as appropriate and are not recognized in the consolidated statement of financial position. The difference between sale and repurchase price is treated as interest and accrued over the life of repo agreements using the effective yield method.

If assets purchased under an agreement to resell are sold to third parties, the obligation to return the securities is recorded as a trading liability and measured at fair value.

## **Leases**

### **Finance – Group as lessor**

The Group recognises lease receivables at value equal to the net investment in the lease, starting from the date of commencement of the lease term. The arrangement is presented within loans and advances. Finance income is based on a pattern reflecting a constant periodic rate of return on the net investment outstanding. Initial direct costs are included in the initial measurement of the lease receivables.

When the Group takes possession of the collateral under terminated lease contracts, it measures the assets at the lower of net realisable value and amortised historical cost of the inventory.

### **Operating - Group as lessor**

The Group presents assets subject to operating leases in the consolidated statement of financial position according to the nature of the asset. Lease income from operating leases is recognised in the consolidated statement of comprehensive income on a straight-line basis over the lease term as other income. The aggregate cost of incentives provided to lessees is recognised as a reduction of rental income over the lease term on a straight-line basis. Initial direct costs incurred specifically to earn revenues from an operating lease are added to the carrying amount of the leased asset.

## **Property, plant and equipment**

Property, plant and equipment (“PPE”) are recorded at historical cost less accumulated depreciation, except land and buildings. The Bank’s buildings are stated at fair value less accumulated depreciation. If the recoverable value of PPE is lower than its carrying amount, due to circumstances not considered to be temporary, the respective asset is written down to its recoverable value. Land is carried at fair value. It has unlimited useful life and thus is not depreciated.

**Property, plant and equipment (continued)**

Depreciation is calculated using the straight-line method based on the estimated useful life of the asset. The following depreciation rates have been applied:

	<i>Useful life (years)</i>	<i>Rate (%)</i>
Buildings	20	5
Computers	1	100
Vehicles	8	12.5
Equipment	8	12.5
Other fixed assets	8	12.5

Leasehold improvements are capitalized and depreciated over the shorter of the lease term and their useful lives on a straight-line basis. Assets under the course of construction are accounted based on actual expenditures less any impairment losses. Upon completion of construction assets are transferred to property plant and equipment and accounted at their carrying amounts. Assets under the course of construction are not depreciated until they are ready for usage.

Repairs and maintenance are charged to the consolidated statement of other comprehensive income during the period in which they are incurred. The cost of major renovations is included in the carrying amount of the asset when it is incurred and when it satisfies the criteria for asset recognition. Major renovations are depreciated over the remaining useful life of the related asset.

Gains and losses on disposals are determined by comparing proceeds with carrying amount and are included in operating profit.

Land and buildings are revalued on a regular basis approximately after 3-5 years. The frequency of revaluation depends on changes in fair value of assets. In case of significant divergences between fair value of revalued assets and their carrying amounts further revaluation is conducted. Revaluation is conducted for the whole class of property, plant and equipment.

Any revaluation surplus is credited to the revaluation reserve for property and equipment included in the revaluation reserve for property and equipment in equity section of the balance sheet, except to the extent that it reverses a revaluation decrease of the same asset previously recognised in the consolidated statement of comprehensive income, in which case the increase is recognised in consolidated statement of comprehensive income. A revaluation deficit is recognised in the consolidated statement of comprehensive income, except that a deficit directly offsetting a previous surplus on the same asset is directly offset against the surplus in the revaluation reserve for property and equipment.

Along with the usage of fixed assets, the difference of the calculated depreciation based on the revalued amount of the asset and calculated depreciation based on the cost of the asset is transferred to retained earnings.

In case of sale or write-off of fixed assets the balance relating to revaluation reserve of that fixed assets is totally transferred to retained earnings.

In case of sale or write-off of fixed assets the balance relating to revaluation reserve of that fixed assets is totally transferred to retained earnings.

## **Intangible assets**

Intangible assets include computer software, licences and other.

Intangible assets acquired separately are measured on initial recognition at cost. Following initial recognition, intangible assets are carried at cost less any accumulated amortisation and any accumulated impairment losses. The useful lives of intangible assets are assessed to be either finite or indefinite. Intangible assets with finite lives are amortised on a straight-line basis over the useful economic lives of 1 to 10 years and assessed for impairment whenever there is an indication that the intangible asset may be impaired. Amortisation periods and methods for intangible assets with finite useful lives are reviewed at least at each financial year-end.

Costs associated with maintaining computer software programmes are recorded as an expense as incurred.

## **Repossessed assets**

In certain circumstances, assets are repossessed following the foreclosure on loans that are in default. Repossessed assets are measured at the lower of cost and fair value less costs to sell.

## **Grants**

Grants relating to the assets are included in other liabilities and are credited to the consolidated statement of comprehensive income on a straight line basis over the expected lives of the related assets.

## **Borrowings**

Borrowings, which include amounts due to the Central Bank and Government, amounts due to financial institutions, amounts due to customers, debt securities issued and subordinated debt are initially recognised at the fair value of the consideration received less directly attributable transaction costs. After initial recognition, borrowings are subsequently measured at amortised cost using the effective interest method. Gains and losses are recognised in the consolidated statement of comprehensive income when the liabilities are derecognised as well as through the amortisation process.

## **Financial guarantees**

Financial guarantee contracts are contracts that require the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due, in accordance with the terms of a debt instrument. Such financial guarantees are given to banks, financial institutions and other bodies on behalf of customers to secure loans, overdrafts and other banking facilities.

Financial guarantees are initially recognized in the consolidated financial statements at fair value, in "Other liabilities", being the premium received. Following initial recognition, the Group's liability under each guarantee is measured at the higher of the amortised premium and the best estimate of expenditure required to settle any financial obligation arising as a result of the guarantee.

## **Provisions**

Provisions are recognised when the Group has a present legal or constructive obligation as a result of past events, and it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate of the amount of obligation can be made.

## **Equity**

### *Share capital*

Ordinary shares and non-redeemable preference shares with discretionary dividends are both classified as equity. External costs directly attributable to the issue of new shares, other than on a business combination, are shown as a deduction from the proceeds in equity. Any excess of the fair value of consideration received over the par value of

shares issued is recognised as additional paid-in capital.

#### *Share premium*

Share premium includes any premium received from the issue of shares. Any expense in respect of transaction which is related to the issue of shares is reduced from the share premium.

#### *Retained earnings*

Include retained earnings of current and previous periods.

#### *Dividends*

Dividends are recognised as a liability and deducted from equity at the balance sheet date only if they are declared before or on the balance sheet date. Dividends are disclosed when they are proposed before the balance sheet date or proposed or declared after the balance sheet date but before the financial statements are authorised for issue.

### **Equity (continued)**

#### *Property revaluation surplus*

The property revaluation surplus is used to record increases in the fair value of buildings and decreases to the extent that such decrease relates to an increase on the same asset previously recognised in equity.

#### *Revaluation reserve for available-for-sale securities*

This reserve records fair value changes in available-for-sale-investments.

### **Offsetting**

Financial assets and liabilities, and income and expenses, are offset and the net amount reported in the consolidated financial statements when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis, or realise the asset and settle the liability simultaneously.

Income and expenses are presented on a net basis only when permitted under IFRS, or for gains and losses arising from a group of similar transactions such as in the Group's trading activity.

## **4. Critical accounting estimates and judgements**

The preparation of consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of policies and the reported amounts of assets and liabilities, income and expense. The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making the judgements about carrying values of assets and liabilities that are not readily apparent from other sources. Although these estimates are based on management's best knowledge of current events and actions, actual results ultimately may differ from these estimates.

The most significant areas of judgements and estimates with regards to these financial statements are presented below:

#### *Measurement of fair values*

Management uses valuation techniques to determine the fair value of financial instruments (where active market quotes are not available) and non-financial assets. This involves developing estimates and assumptions consistent with how market participants would price the instrument. Management bases its assumptions on observable data as far as possible but this is not always available. In that case management uses the best information available. Estimated fair

values may vary from the actual prices that would be achieved in an arm's length transaction at the reporting date (see Note 34).

#### *Classification of investment securities*

Securities owned by the Group comprise Armenian state and corporate bonds, securities issued by the Central Bank of Armenia and corporate shares. Upon initial recognition, the Group designates securities as financial assets with recognition of changes in fair value through profit or loss, held to maturity financial assets or available-for-sale financial assets recognition of changes in fair value through equity.

#### *Related party transactions*

In the normal course of business the Group enters into transactions with its related parties. These transactions are priced predominantly at market rates. Judgement is applied in determining if transactions are priced at market or non-market interest rates, where there is no active market for such transactions. The basis for judgement is pricing for similar types of transactions with unrelated parties and effective interest rate analysis.

### 5. Impact of adoption of IFRS 9

In the table below is presented detailed impact of transition from IAS 39 to IFRS 9 as at 01 January 2018 which has been reflected in the Statement of changes in equity.

In thousand Armenian drams

IAS 39			IFRS 9			
<i>Item</i>	<i>Category</i>	<i>Amount</i>	<i>Remeasurement Provision</i>	<i>Item</i>	<i>Category</i>	<i>Amount</i>
Cash and cash equivalents	Loans and other receivables	39,842,049	(6,004)	Cash and cash equivalents	39,836,045	Amortized cost
Trading securities	Financial instruments at fair value through profit or loss	787,330	-	Financial instruments at fair value through profit or loss	787,330	Financial instruments at fair value through profit or loss
Loans and advances to banks	Loans and other receivables	10,546,355	(5,979)	Loans and advances to banks	10,540,376	Amortized cost
Loans and advances to customers	Loans and other receivables	165,167,500	(739,286)	Loans and advances to customers at amortized cost	164,428,214	Amortized cost
Investments available for sale	Financial instruments at fair value through other comprehensive income	22,812,218	(256,887)	Financial instruments at fair value through other comprehensive income	22,555,331	Financial instruments at fair value through other comprehensive income
Securities pledged under repurchase agreements	Financial instruments at fair value through other comprehensive income	3,056,113	(27,326)	Securities pledged under repurchase agreements	3,028,787	Financial instruments at fair value through other comprehensive income

Held to maturity investments	Financial instruments at amortized cost	346,140	(2,064)	Financial instruments at amortized cost	344,076	Amortized cost
Contingent liabilities	X		(67,733)	Provision on contingent liabilities	(67,733)	X
Deffered tax	X		221,056		X	
<b>Total</b>			<b>(884,223)</b>			

As at 01 January 2018 bank had no re-measurement of assets and the main impact of transition from IAS 39 to IFRS 9 was due to implementation of new impairment approach.

## 7. Interest income and expense

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Loans and advances to customers	4,439,158	8,700,659	3,867,281	7,395,504
Debt securities available-for-sale	571,423	1,102,084	422,538	798,984
Amounts due from banks	44,675	97,130	14,590	20,717
Held to maturity investments	21,607	35,307	-	-
Other interest income	1,593	2,902	1,627	2,928
<b>Total interest income</b>	<b>5,078,456</b>	<b>9,938,082</b>	<b>4,306,036</b>	<b>8,218,133</b>
Amounts due to customers	1,539,954	3,068,278	1,663,224	3,351,224
Other borrowed funds	522,969	1,020,958	183,805	367,814
Subordinated loans	103,263	203,805	98,927	198,268
Amounts due to banks	22,503	53,034	39,084	39,662
Bonds issued by the Bank	171,263	262,619	25,990	25,990
<b>Total interest expense</b>	<b>2,359,952</b>	<b>4,608,694</b>	<b>2,011,030</b>	<b>3,982,958</b>

Interest income accrued on loans, for Stage 3, for the period ended 30 June 2018, comprised AMD 106,365 thousand.

## 8. Fee and commission income and expense

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Plastic cards operations	248,695	475,535	232,603	419,655
Wire transfer fees	172,834	329,954	156,938	272,167
Settlement operation	57,420	114,771	93,300	155,883
Fees and commission income from loans	69,203	138,834	39,167	71,399
Guarantees and letters of credit	12,161	23,543	9,103	16,922
Other	65,460	117,640	38,111	94,371
<b>Total fee and commission income</b>	<b>625,773</b>	<b>1,200,277</b>	<b>569,222</b>	<b>1,030,397</b>
Plastic cards operations	138,924	278,496	113,991	209,746
Settlement operations	15,685	48,214	20,937	36,110
Wire transfer fees	26,580	52,817	22,919	43,327
Guarantees and letters of credit	2,244	2,598	-	-
Other expenses	10,369	20,367	8,127	14,451
<b>Total fee and commission expense</b>	<b>193,802</b>	<b>402,492</b>	<b>165,974</b>	<b>303,634</b>

## 9. Net trading income

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Net gains from foreign currency transactions	348,200	613,691	310,358	627,843
Net gain/(loss) from trading securities	(38,868)	(21,511)	5,610	21,967
Net gain/(loss) on financial instruments at fair value through profit or loss	182,816	239,651	(107,785)	(183,022)
<b>Total net trading income</b>	<b>492,148</b>	<b>831,831</b>	<b>208,183</b>	<b>466,788</b>

## 10. Other income

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Fines and penalties received	191,138	305,389	102,313	258,562
Net income from operations with precious metals	(25,829)	(8,872)	5,601	53,815
Dividend income	606	1,212	606	1,212
Income from sale of fixed assets	15,574	15,599	4,100	4,100
Income from grants	1,482	1,482	1,480	2,753
Income from cash collection services	10,565	19,701	7,871	14,546
Other income	38,679	69,655	106,149	138,801
<b>Total other income</b>	<b>232,215</b>	<b>404,166</b>	<b>228,120</b>	<b>473,789</b>

## 11. Impairment losses

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Loans and advances to customers (Note 18)	238,684	612,034	55,620	559,916
Other assets (Note 25)	21,601	2,332	28,247	13,887
Credit related commitments (Note 32)	14,616	15,044		
Other provisions (Note 15,17,21)	(7,676)	(1,866)	-	-
<b>Total impairment charge</b>	<b>267,225</b>	<b>627,544</b>	<b>83,867</b>	<b>573,803</b>

## 12. Staff costs

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Salaries	1,171,090	2,279,191	945,735	1,931,619
Other expenses	24,760	57,374	12,006	19,382
<b>Total staff costs</b>	<b>1,195,850</b>	<b>2,336,565</b>	<b>957,741</b>	<b>1,951,001</b>

## 13. Other expenses

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Fixed assets maintenance	26,486	52,857	31,425	53,494
Consulting and other service	26,413	51,853	15,270	31,321
Operating lease	138,512	273,867	126,723	247,617
Taxes, other than income tax, duties	6,727	9,478	8,530	14,848
Advertising costs	113,841	232,357	71,448	134,729

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Insurance expenses	23,916	51,652	24,929	44,758
Communications	27,050	57,118	34,189	62,290
Security	51,876	103,390	46,618	94,091
Insurance of deposits	45,773	103,154	61,525	111,198
Office supplies	8,746	14,395	5,703	20,164
Business trip expenses	6,956	19,111	7,104	8,841
Armenian Software expenses	48,199	96,266	45,161	89,626
Expenses related to ARCA	44,552	87,194	39,849	74,412
Penalties paid	-	403	643	3,684
Other expenses	173,909	337,946	144,044	293,563
<b>Total other expenses</b>	<b>742,957</b>	<b>1,491,041</b>	<b>663,161</b>	<b>1,284,636</b>

#### 14. Income tax expense

<i>In thousand Armenian drams</i>	01/04/18- 30/06/18	01/01/18- 30/06/18	01/04/17- 30/06/17	01/01/17- 30/06/17
Current tax expense	293,729	581,482	207,870	254,712
Deferred tax expense/ (benefit)	(14,702)	(81,087)	771	61,786
<b>Total income tax expense</b>	<b>279,027</b>	<b>500,395</b>	<b>208,641</b>	<b>316,498</b>

The corporate income tax within the Republic of Armenia is levied at the rate of 20% (2017: 20%). Differences between IFRS and RA statutory tax regulations give rise to certain temporary differences between the carrying value of certain assets and liabilities for financial reporting purposes and for profit tax purposes. Deferred income tax is calculated using the principal tax rate of 20%.

Numerical reconciliation between the tax expenses and accounting profit is provided below:

<i>In thousand Armenian drams</i>	30/06/18	30/06/17
<b>Profit before tax</b>	<b>2,512,141</b>	<b>1,814,685</b>
Income tax (benefit)/expense at the rate of 20%	<b>502,428</b>	<b>362,937</b>
Non-taxable income	72,516	58,125
Non-deductible expenses	(112,950)	(108,136)
Foreign exchange losses	38,400	3,572
Adjustment of current income tax of previous years	0	0
<b>Income tax expense</b>	<b>500,395</b>	<b>316,498</b>

Deferred tax calculation in respect of temporary differences:

<i>In thousand Armenian drams</i>	<i>As of December 31, 2017</i>	<i>Impact of IFRS9</i>	<i>Recognized in profit or loss</i>	<i>Recognized in other comprehensive income</i>	<i>As of June 30, 2018</i>
Repossessed assets	50,825				50,825
Held to maturity securities	0	413	954		1,367
Other liabilities	111,835		-		111,835
<b>Total deferred tax assets</b>	<b>162,660</b>	<b>413</b>	<b>954</b>	<b>-</b>	<b>164,025</b>



<i>In thousand Armenian drams</i>	<i>As of December 31, 2017</i>	<i>Impact of IFRS9</i>	<i>Recognized in profit or loss</i>	<i>Recognized in other comprehensive income</i>	<i>As of June 30, 2018</i>
Securities available for sale	(539,122)	56,843	(1,797)	7,737	(476,340)
Loans and advances to customers	(604,119)	147,858	68,860		(387,401)
Property, plant and equipment	(223,303)		15,398		(207,905)
Other assets	(4,083)	15,943	(2,329)		9,532
Amounts to customers	(2,796)				(2,796)
<b>Total deferred tax liability</b>	<b>(1,373,423)</b>	<b>220,643</b>	<b>80,133</b>	<b>7,737</b>	<b>(1,064,910)</b>
<b>Net deferred tax liability</b>	<b>(1,210,763)</b>	<b>221,057</b>	<b>81,087</b>	<b>7,737</b>	<b>(900,882)</b>

<i>In thousand Armenian drams</i>	<i>As of December 31, 2016</i>	<i>Recognize d in profit or loss</i>	<i>Recognized other comprehensive income</i>	<i>As of December 31, 2017</i>
Reposessed assets	39,209			39,209
Other liabilities	41,163	-		41,163
<b>Total deferred tax assets</b>	<b>80,372</b>	<b>82,288</b>	<b>-</b>	<b>162,660</b>
Securities available for sale	(337,476)	-	(201,646)	(539,122)
Loans and advances to customers	(626,276)	22,157		(604,119)
Property, plant and equipment	(255,144)	31,841	-	(223,303)
Other assets	27,190	(31,273)		(4,083)
Liabilities to customers	(1,807)	(989)		(2,796)
<b>Total deferred tax liability</b>	<b>(1,193,513)</b>	<b>21,736</b>	<b>(201,646)</b>	<b>(1,373,423)</b>
<b>Net deferred tax liability</b>	<b>(1,113,141)</b>	<b>104,024</b>	<b>(201,646)</b>	<b>(1,210,763)</b>

## 15. Cash and cash equivalents

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Cash on hand	10,690,560	8,802,423
Correspondent accounts with the CBA	27,728,441	29,005,963
Placements with other banks	2,804,699	2,033,663
Impairment allowance	(4,799)	
<b>Total cash and cash equivalents</b>	<b>41,218,901</b>	<b>39,842,049</b>

Correspondent accounts with the CBA and other banks are in Stage 1. ECL for these accounts is presented below.

*In thousand Armenian drams*  
As of 1 January 2018

-

<b>As of 1 January 2018 restated</b>	<b>6,004</b>
Charge for the period/Note 11	(1,205)
Amounts written off	-
<b>As of 30 June 2018</b>	<b>4,799</b>

As of 30 June 2018 correspondent account with Central Bank of Armenia includes the obligatory minimum reserve deposits with the CBA, which is computed at 2% of certain obligations of the Group denominated in Armenian drams and 18% of certain obligations of the Group, denominated in foreign currency and amounts to AMD 23,018,421 thousand (2017: AMD 22,573,220 thousand). There are no restrictions on the withdrawal of funds from the CBA, however, if minimum average requirement is not met, the Group could be subject to penalties. Mandatory reserve deposits are non-interest bearing.

As of 30 June 2018 placements with other banks in the amount of AMD 2,441,124 thousand (87.03%) were due from three banks (2017: AMD 1,716,360 thousand (84.4%) were due from three banks).

#### 16. Investments at fair value through profit or loss

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Debt securities issued by the RA government	845,588	787,330
Non-government securities	196,631	
<b>Total Investments at fair value through profit or loss</b>	<b>1,042,219</b>	<b>787,330</b>

Nominal interest rates and maturities of these securities are as follows:

	<b>30/06/2018</b>		<b>31/12/2017</b>	
	%	Maturity	%	Maturity
Debt securities issued by the RA government	8.00-13.00	2020-2036	8.00-13.00	2020-2036
Non-government securities	5.25-11.50	2020-2023	-	-

As at 30 June 2018 there were no Trading securities pledged to third parties in sale and repurchase agreements (2017: 0 AMD). These securities are reclassified as securities pledged under repurchase agreements in the consolidated statement of financial positions (Note 20).

#### 17. Amounts due from banks

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Deposits and deposited funds with CBA	341,000	920,000
Loans and deposits to banks	178	753,858
Reverse repurchase agreements	2,991,349	7,025,413
Receivables from payment and settlement operations	948,218	1,194,907
Other	748,747	652,177
Impairment allowance	(546)	-
<b>Total amounts due from banks</b>	<b>5,028,946</b>	<b>10,546,355</b>

Amounts due from banks are in Stage 1.  
ECL for these accounts is presented below.

*In thousand Armenian drams*

<b>As of 1 January 2018</b>	-
<b>As of 1 January 2018 restated</b>	<b>5,979</b>
Charge for the period/Note 11	(5,433)
Amounts written off	-
<b>As of 30 June 2018</b>	<b>546</b>

### 18. Loans and advances to customers

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Loans to customers	140,724,654	139,239,113
Overdrafts	28,623,381	25,558,298
Repo agreements	5,502,558	4,820,511
Factoring	26,774	95,247
Letter of credit	3,109	1,525
Financial lease receivables	304,902	316,157
<b>Less allowance for loan impairment</b>	<b>(5,284,162)</b>	<b>(4,863,351)</b>
<b>Total loans and advances to customers</b>	<b>169,901,216</b>	<b>165,167,500</b>

As of 30 June 2018 the Bank had a concentration of loans totalling to AMD 40,037,187 thousand due from the ten largest groups of borrowers (22.85% of gross loan portfolio) (2017: AMD 48,686,742 thousand or 28.6% of gross loan portfolio). An allowance for impairment in the amount of AMD 1,328,587 thousand (2017: AMD 1,250,634 thousand) was created against these loans.

Securities purchased under reverse repurchase agreements at fair value of AMD 630,201 thousand (2017: nil) were resold to third parties in sale and repurchase agreements for periods not exceeding One month. These have been reclassified as securities pledged under repurchase agreements on The face of the balance sheet (Note 20).

Loans and advances to customers by industries of economy may be specified as follows:

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Consumer loans to individuals	47,211,481	43,137,483
Mortgage	30,446,827	28,612,812
Trading	25,153,220	23,146,111
Energy	9,736,671	7,699,388
Other	29,095,794	15,660,561
Construction	7,983,011	6,100,247
Transport and communication	1,330,778	17,701,045
Agriculture (including loans to individuals)	9,072,151	7,012,168
Manufacturing	6,344,189	6,364,056
Services	8,811,256	14,596,980
	<b>175,185,378</b>	<b>170,030,851</b>
<b>Less allowance for loan impairment</b>	<b>(5,284,161)</b>	<b>(4,863,351)</b>
<b>Total loans and advances to customers</b>	<b>169,901,216</b>	<b>165,167,500</b>

Loans and advances to customers by impairment stages may be specified as follows:

As of 30 June 2018

In thousand Armenian drams	Stage 1		Stage 2				Stage 3				Total					
	Collectively impaired		Individually impaired		Collectively impaired		Individually impaired		Collectively impaired		Individually impaired		Collectively impaired		Individually impaired	
	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision
Business loans	92,835,322	920,739	604,824	8,952	27,227	7,973	170,692	2,574	180,910	135,246	3,865,975	2,232,453	<b>93,043,458</b>	<b>1,063,958</b>	<b>4,641,491</b>	<b>2,243,979</b>
Mortgage loans	28,240,871	339,722	-	-	217,363	50,057	45,057	861	362,519	162,480	1,581,017	761,661	<b>28,820,753</b>	<b>552,259</b>	<b>1,626,075</b>	<b>762,522</b>
Consumer loans	28,456,494	305,382	1,247	25	377,594	53,544	124,978	2,552	571,362	230,824	234,735	33,482	<b>29,405,451</b>	<b>589,750</b>	<b>360,960</b>	<b>36,059</b>
Gold loans	17,178,604	10,774	-	-	60,969	3,398	-	-	47,617	21,462	-	-	<b>17,287,191</b>	<b>35,634</b>	-	-
<b>Total</b>	<b>166,711,291</b>	<b>1,576,616</b>	<b>606,071</b>	<b>8,977</b>	<b>683,153</b>	<b>114,973</b>	<b>340,727</b>	<b>5,987</b>	<b>1,162,408</b>	<b>550,013</b>	<b>5,681,728</b>	<b>3,027,596</b>	<b>168,556,852</b>	<b>2,241,601</b>	<b>6,628,525</b>	<b>3,042,560</b>

As of 31 December 2017 / restated according IFRS 9/

In thousand Armenian drams	Stage 1		Stage 2				Stage 3				Total					
	Collectively impaired		Individually impaired		Collectively impaired		Individually impaired		Collectively impaired		Individually impaired		Collectively impaired		Individually impaired	
	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision	Gross amount	Provision
Business loans	92,998,469	743,620	147,075	1,780	39,659	13,924	534,862	6,630	132,510	96,354	4,503,994	2,637,142	93,170,637	853,898	5,185,931	2,645,552
Mortgage loans	26,199,050	321,234	-	-	219,528	50,448	44,297	448	403,939	177,033	1,745,848	918,959	26,822,516	548,715	1,790,144	919,407
Consumer loans	26,049,412	303,123	16,166	205	283,655	48,007	6,121	127	550,949	220,948	251,023	36,796	26,884,016	572,078	273,311	37,128
Gold loans	15,792,726	9,502	-	-	87,567	5,161	-	-	20,835	9,401	3,167	1,795	15,901,128	24,064	3,167	1,795
<b>Total</b>	<b>161,039,656</b>	<b>1,377,479</b>	<b>163,241</b>	<b>1,985</b>	<b>630,409</b>	<b>117,539</b>	<b>585,279</b>	<b>7,205</b>	<b>1,108,234</b>	<b>503,736</b>	<b>6,504,032</b>	<b>3,594,693</b>	<b>162,778,298</b>	<b>1,998,755</b>	<b>7,252,552</b>	<b>3,603,883</b>

Loans and advances to customers by impairment stages may be specified as follows:

<i>In thousand Armenian drams</i>	<b>Business loans</b>	<b>Gold loans</b>	<b>Mortgage loans</b>	<b>Consumer loans</b>	<b>Total</b>
Balance as of 01 January 2018	<b>3,202,474</b>	<b>29,456</b>	<b>1,176,291</b>	<b>455,132</b>	<b>4,863,353</b>
Balance as of 01 January 2018 restated	<b>3,499,450</b>	<b>25,859</b>	<b>1,468,122</b>	<b>609,206</b>	<b>5,602,637</b>
Charge for the period	217,269	31,326	123,119	240,320	<b>612,034</b>
Amounts written off	(585,014)	(30,482)	(337,942)	(416,302)	<b>(1,369,741)</b>
Recoveries	176,232	8,931	61,482	192,585	<b>439,230</b>
Balance as of 30 June 2018	<b>3,307,937</b>	<b>35,634</b>	<b>1,314,781</b>	<b>625,809</b>	<b>5,284,161</b>

<i>In thousand Armenian drams</i>	<b>Business loans</b>	<b>Gold loans</b>	<b>Mortgage loans</b>	<b>Consumer loans</b>	<b>Total</b>
Balance as of 01 January 2017	2,832,082	19,079	1,045,123	657,912	4,554,196
Charge for the period	753,171	24,700	174,485	193,958	1,146,313
Amounts written off	(601,485)	(53,583)	(436,710)	(1,137,303)	(2,229,081)
Recoveries	218,677	39,260	393,393	740,594	1,391,924
Balance as of 31 January 2017	<b>3,202,474</b>	<b>29,456</b>	<b>1,176,291</b>	<b>455,132</b>	<b>4,863,353</b>

The finance lease receivables represent:

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
<b>Gross investment in finance lease, receivable:</b>		
Not later than 1 year	265,882	254,216
1-5 years	54,923	80,438
5 years and more		5,580
	<b>320,805</b>	<b>340,234</b>
Unearned future finance income on finance lease	(15,903)	(24,077)
<b>Net investment in financial lease, before impairment allowance</b>	<b>304,902</b>	<b>316,157</b>
Impairment allowance	(233,664)	(237,461)
<b>Net investment in finance lease</b>	<b>71,238</b>	<b>78,696</b>

The estimated fair value of loans and advances to customers as of 30 June 2018 and 31 December 2017 are disclosed in Note 37.

Maturity analysis of loans and advances to customers are disclosed in Note 40.

Credit, currency, liquidity and interest rate analyses of loans and advances to customers are disclosed in Note 41. The information on related party balances is disclosed in Note 36.

## 19. Investments at fair value through other comprehensive income

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Government bonds	17,665,602	18,518,365
RA corporate equity shares	57,794	57,794
Investments in funds	613,239	579,582
Equity shares of OECD countries	1,027,296	888,409
Corporate bonds of OECD countries	122,846	123,062
RA corporate bonds	4,596,510	2,645,006
<b>Total investment securities available for sale</b>	<b>24,083,287</b>	<b>22,812,218</b>

All debt securities have fixed coupons.

RA corporate equity shares are recorded at cost since their fair value cannot be reliably estimated. There is no market for these investments and the Group intends to hold them for the long term.

The fair value of unquoted available-for-sale debt securities is measured using a valuation technique, which uses current market rates to discount future cash flows of the financial instruments.

Available for sale debt securities by effective interest rates and maturity date comprise:

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>		<b>31/12/2017</b>	
	%	Maturity	%	Maturity
Government bonds	4.93-18.35	2018-2047	4.76-18.35	2018-2047
RA corporate bonds	5.83-12.63	2018-2022	5.83-12.63	2018-2022
Corporate bonds of OECD countries	8.62-8.63	2020	8.62-8.63	2020

As at 30 June 2018 there were no investments available for sale included RA government bonds pledged under repurchase agreements with CB of RA, with the right to sell or re-pledge by the counterparty 2,934,448 AMD (2017: AMD 3,056,113 ). These securities are reclassified as securities pledged under repurchase agreements in the consolidated statement of financial positions (Note 20).

ECL for these accounts is as follows:

<i>In thousand Armenian drams</i>	
<b>As of 1 January 2018</b>	-
<b>As of 1 January 2018 restated</b>	<b>256,887</b>
Changes in allowance for expected credit losses of debt instruments at fair value through other comprehensive income	(12,586)
<b>As of 30 June 2018</b>	<b>244,301</b>

## 20. Securities pledged under repurchase agreements

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Trading securities (Note 18,27)	630,201	-
Investments at fair value through other comprehensive	2,934,448	3,056,113

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
income (Note 19)		
<b>Total</b>	<b>3,564,649</b>	<b>3,056,113</b>

The pledged securities are those financial assets pledged under repurchase agreements with CB of RA, with the right to sell or re-pledge by the counterparty. All contracts have 1 month maturity.

These transactions are conducted under terms that are usual and customary to standard lending and securities borrowing and lending activities.

ECL for these accounts is as follows:

<i>In thousand Armenian drams</i>	<hr/>
<b>As of 1 January 2018</b>	-
<b>As of 1 January 2018 restated</b>	<b>27,326</b>
Changes in allowance for expected credit losses of debt instruments at fair value through other comprehensive income	3,601
<b>As of 30 June 2018</b>	<b>30,927</b>

## 21. Investments at amortized cost

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Government bonds	1,576,946	346,140
Impairment allowance	(6,836)	-
<b>Total Investments at amortized cost</b>	<b>1,570,110</b>	<b>346,140</b>

ECL for these instruments is as follows.

<i>In thousand Armenian drams</i>	<hr/>
<b>As of 1 January 2018</b>	-
<b>As of 1 January 2018 restated</b>	<b>2,064</b>
Charge for the period/Note 11	4,772
<b>As of 30 June 2018</b>	<b>6,863</b>

Investments at amortized cost by effective interest rates and maturity date comprise:

	<b>30/06/2018</b>		<b>31/12/2017</b>	
	<i>%</i>	<i>Maturity</i>	<i>%</i>	<i>Maturity</i>
Government bonds	0.00	2018-2019	0.00	2018

## 22. Property, plant and equipment

<i>In thousand Armenian drams</i>	<i>Land and buildings</i>	<i>Equipment</i>	<i>Vehicles</i>	<i>Computers</i>	<i>Other assets</i>	<i>fixed Leasehold improve- ments</i>	<i>Total</i>
<b>Revalued amount or cost</b>							
<b>As of January 1, 2017</b>	<b>5,134,018</b>	<b>753,258</b>	<b>208,627</b>	<b>2,936,691</b>	<b>741,403</b>	<b>965,437</b>	<b>10,739,434</b>
Additions	103	31,317	6,025	414,507	108,028	178,026	<b>738,006</b>
Disposals	(217,103)	(33,375)	(4,000)	(34,391)	(35,940)	(71,191)	<b>(396,000)</b>
<b>As of December 31, 2017</b>	<b>4,917,018</b>	<b>751,200</b>	<b>210,652</b>	<b>3,316,807</b>	<b>813,491</b>	<b>1,072,272</b>	<b>11,081,440</b>
Additions	3,956	46,362	-	359,603	34,931	151,520	596,372
Disposals	-	(3,234)	-	(35,355)	(11,251)	(764)	(50,604)
<b>As of June 30, 2018</b>	<b>4,920,974</b>	<b>794,328</b>	<b>210,652</b>	<b>3,641,055</b>	<b>837,171</b>	<b>1,223,028</b>	<b>11,627,208</b>
<b>Accumulated depreciation</b>							
<b>As of January 1, 2017</b>	-	<b>634,109</b>	<b>193,354</b>	<b>2,370,101</b>	<b>601,374</b>	<b>555,729</b>	<b>4,354,667</b>
Depreciation charge	197,005	58,625	12,935	285,869	67,782	108,884	<b>731,100</b>
Disposals	(4217)	(33371)	(222)	(32,150)	(21,136)	(28518)	<b>(119,614)</b>
<b>As of December 31, 2017</b>	<b>192,788</b>	<b>659,363</b>	<b>206,067</b>	<b>2,623,820</b>	<b>648,020</b>	<b>636,095</b>	<b>4,966,153</b>
Depreciation charge	96,467	15,120	220	115,505	17,208	45,289	289,809
Disposals	-	(3,234)	-	(35,355)	(10,584)	(764)	(49,937)
<b>As of June 30, 2018</b>	<b>289,255</b>	<b>671,249</b>	<b>206,287</b>	<b>2,703,970</b>	<b>654,644</b>	<b>680,620</b>	<b>5,206,025</b>
<b>Carrying value</b>							
<b>As of January 1, 2017</b>	<b>5,134,018</b>	<b>119,149</b>	<b>15,273</b>	<b>566,590</b>	<b>140,029</b>	<b>409,708</b>	<b>6,384,767</b>
<b>As of December 31, 2017</b>	<b>4,724,230</b>	<b>91,837</b>	<b>4,585</b>	<b>692,987</b>	<b>165,471</b>	<b>436,177</b>	<b>6,115,287</b>
<b>As of June 30, 2018</b>	<b>4,631,719</b>	<b>123,079</b>	<b>4,365</b>	<b>937,085</b>	<b>182,527</b>	<b>542,408</b>	<b>6,421,183</b>

### Revaluation of assets

The buildings and land owned by the Group were revalued by an independent appraiser in 2016. Management has based its estimate of the fair value of the buildings and land on the results of the independent appraisal. The net book value of buildings that would have been recognized under the historic cost method is AMD 721,694 thousand as of 30 June 2018 (2017: AMD 737,210 thousand).

### Fully depreciated items

As of 30 June 2018 property, plant and equipment included fully depreciated assets in amount of AMD 2,669,548 thousand (2017: 2,778,877 thousand).

### *Property, plant and equipment in the phase of installation*

As of 30 June 2018 property, plant and equipment included assets in the phase of installation in amount of AMD 157,931 thousand (2017: AMD 139,069 thousand).

### *Restrictions on title of property, plant and equipment*

As of 30 June 2018 and 31 December 2017, the Group does not possess any property, plant and equipment pledged as security for liabilities or whose title is otherwise restricted.



### 23. Intangible assets

<i>In thousand Armenian drams</i>	Licenses	Computer software	Other	Total
<b>Initial value</b>				
As of January 1, 2017	685,286	61,566	79,234	826,086
Additions	29,605	5,250	93,600	128,455
	714,891	66,816	172,834	954,541
As of December 31, 2017	714,891	66,816	172,834	954,541
Additions	-	-	56,550	56,550
As of June 30, 2018	714,891	66,816	229,384	1,011,091
<b>Accumulated amortisation</b>				
As of January 1, 2017	601,610	41,470	43,204	686,284
Amortisation charge	31,426	2,998	7,295	41,719
As of December 31, 2017	633,036	44,468	50,499	728,003
Amortisation charge	20,356	1595	6,198	28,149
As of June 30, 2018	653,392	46,063	56,697	756,152
<b>Balance value</b>				
As of January 1, 2017	83,676	20,096	36,030	139,802
As of December 31, 2017	81,855	22,348	122,335	226,538
As of June 30, 2018	61,499	20,753	172,687	254,939

#### *Fully amortized items*

As of 30 June 2018, intangible assets included fully amortized assets in amount of AMD 467,475 thousand (2017: AMD 454,122 thousand).

As of 30 June 2018 and 31 December 2017, the Group does not possess any intangible assets pledged as security for liabilities or whose title is otherwise restricted.

### 24. Repossessed assets

Details of assets obtained by the Group by taking possession of collateral held as security against loans and advances as of June 30 are shown below:

<i>In thousand Armenian drams</i>	30/06/2018	31/12/2017
Property	1,984,308	1,807,659
Vehicles	0	11,000
Other	30,671	13,460
<b>Total</b>	<b>2,014,979</b>	<b>1,832,119</b>

The Group's policy is to pursue timely realisation of the collateral in an orderly manner. The Group generally does not use the non-cash collateral for its own operations. The assets are measured at the lower of their carrying amount and fair value less costs to sell.

## 25. Other assets

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Receivables	342,361	416,024
Receivables from unfinished transactions	171,205	355,454
Receivables on cash transfers	86,250	7,004
<b>Total other financial assets</b>	<b>599,816</b>	<b>778,482</b>
Less allowance for impairment of financial assets	(31,253)	(43,421)
<b>Total net other financial assets</b>	<b>568,563</b>	<b>735,061</b>
Precious metals	439,221	444,766
Materials	208,324	239,255
Prepayments to suppliers	223,208	195,129
Unamortized insurance premium	61,111	44,994
Other prepaid taxes	357,639	342,867
Settlements with employees	6,060	267
Other	1,865	1,865
<b>Total non-financial assets</b>	<b>1,297,428</b>	<b>1,269,143</b>
<b>Total other assets</b>	<b>1,865,991</b>	<b>2,004,204</b>

Reconciliation of allowance account for losses on other assets is as follows:

<i>In thousand Armenian drams</i>	<b>Total</b>
<b>As of January 1, 2017</b>	<b>59,174</b>
Charge for the period	13,887
Amounts written off	(27,025)
<b>As of June 30, 2017</b>	<b>46,036</b>
<b>As of January 1, 2018</b>	<b>43,421</b>
Charge for the period	2,332
Amounts written off	(14,506)
<b>As of June 30, 2018</b>	<b>31,247</b>

## 26. Amounts due to banks

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Repurchase agreements with CBA	-	0
Repurchase agreements with banks	3,519,053	2,900,619
Correspondent accounts of other banks	165,288	143,170
Loans from banks	7,152,412	12,004,512
Other liabilities	154,665	125,166
<b>Total amounts due to banks</b>	<b>10,991,418</b>	<b>15,173,467</b>

As of 30 June 2018 the group has received loans from 4 banks (2017: also from 4 banks). The bank has repurchase agreement liabilities to 3 banks as of 30 June 2018 (2017: to 1 bank)

As of 30 June 2018 80.27 % of correspondent accounts of other banks are concentrated within 1 counterparties (2017: 85.89% within 2 counterparties).

## 28. Derivative financial liabilities

<i>In thousand Armenian drams</i>	30/06/2018			31/12/2017		
	<i>Notional amount</i>	<i>Fair value of assets</i>	<i>Fair value of liabilities</i>	<i>Notional amount</i>	<i>Fair value of assets</i>	<i>Fair value of liabilities</i>
<b>Derivatives held for trading</b>						
Swaps – foreign currency	7,468,567	–	34,655	7,628,876	–	68,857
<b>Total derivative financial instruments</b>	<b>7,468,567</b>	<b>–</b>	<b>34,655</b>	<b>7,628,876</b>	<b>–</b>	<b>68,857</b>

## 29. Amounts due to customers

<i>In thousand Armenian drams</i>	30/06/2018	31/12/2017
<b>Corporate customers</b>	<b>93,106,460</b>	<b>97,151,069</b>
Current/Settlement accounts	40,119,453	42,525,666
Time deposits	52,987,007	54,625,403
<b>Retail customers</b>	<b>77,875,273</b>	<b>76,763,088</b>
Current/Settlement accounts	24,751,300	24,815,673
Time deposits	53,123,973	51,947,415
<b>Total amounts due to customers</b>	<b>170,981,733</b>	<b>173,914,157</b>

As of 30 June 2018 included in amounts due to customers are deposits amounting to AMD 25,337,783 thousand (2017: AMD 33,078,968 thousand) held as security against loans, letters of credit issued, guarantees issued and other transaction related to contingent liabilities. The fair value of those deposits approximates their carrying amount.

As of 30 June 2018 the aggregate balance of top ten customers of the Group amounts to AMD 80,601,208 thousand (2017: AMD 78,683,050 thousand) or 36.49 % of total customer accounts (2017: 45.24%).

## 30. Bonds issued by the Bank

<i>In thousand Armenian drams</i>	30/06/2018	31/12/2017
Bonds issued by the Bank	13,485,997	5,931,969
<b>Total issued bonds</b>	<b>13,485,997</b>	<b>5,931,969</b>

During the second quarter of 2017 the Bank issued USD denominated 60,000 bonds with nominal amount of USD 6,000,000 in Armenia with maturity in the 2<sup>nd</sup> quarter 2019. During the third quarter of 2017 the Bank allocated 100,000 AMD bonds with nominal amount of AMD 1,000,000,000 in Armenia with maturity in 3<sup>rd</sup> quarter 2019. In the 4<sup>th</sup> quarter of 2017 the Bank allocated 40,000 USD bonds with nominal amount of USD 4,000,000, with maturity in 4<sup>th</sup> quarter 2019.

During the second quarter of 2018 the Bank issued AMD denominated 30,000 bonds with nominal amount of AMD 3,000,000,000 , USD denominated 100,000 bonds with nominal amount of USD 10,000,000, EUR denominated 50,000 bonds with nominal amount of EUR 5,000,000 in Armenia with maturity in the 2<sup>nd</sup> quarter 2021.

As at 30 June 2018 carrying value of the bonds is AMD 13,485,997 thousand. Bonds issued by the Bank are listed in Nasdaq OMX Armenia stock exchange.

### 31. Other borrowed funds

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Loans from CBA	6,313,438	5,117,959
Loans from other financial institution	7,753,341	6,216,391
Loans from international financial institution	1,182,308	1,271,923
Loans from Government of the RA	50,591	53,077
<b>Total other borrowed funds</b>	<b>15,299,678</b>	<b>12,659,350</b>

As of 30 June 2018 Loan from CBA represent loans received from the German-Armenian fund within the scope of retroactive financing for extending credits to the Small and Medium business, consumer and other purposes.

Loans from international financial organizations include loans from European Bank for Reconstruction and Development.

Loans from other financial organizations include loans from First Mortgage Company and Home for Youth.

### 32. Other liabilities

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Accounts payables	342,625	343,221
Due to personnel	654,520	600,445
<b>Total other financial liabilities</b>	<b>1,095,949</b>	<b>943,666</b>
Payable dividends	516,166	
Tax payable, other than income tax	393,659	360,502
Grants related to assets	24,800	26,008
Other	8,959	6,697
<b>Total other non-financial liabilities</b>	<b>943,584</b>	<b>393,207</b>
<b>Total other liabilities</b>	<b>1,940,729</b>	<b>1,336,873</b>

*In thousand Armenian drams*

	<b>30/06/2018</b>	<b>31/12/2017</b>
At January 1	26,010	28,432
Recognition of income (Note 10)	(1,212)	(1,212)
<b>As of June 30</b>	<b>24,798</b>	<b>27,222</b>

### 33. Contingent liabilities and commitments

#### *Tax and legal matters*

The taxation system in Armenia is relatively new and is characterised by frequent changes in legislation, official pronouncements and court decisions, which are sometimes unclear, contradictory and subject to varying interpretation. Taxes are subject to review and investigation by tax authorities, which have the authority to impose fines and penalties. In the event of a breach of tax legislation, no liabilities for additional taxes, fines or penalties may be imposed by tax authorities once three years have elapsed from the date of the breach.

These circumstances may create tax risks in Armenia that are more significant than in other countries. Management believes that it has provided adequately for tax liabilities based on its interpretations of applicable Armenian tax legislation, official pronouncements and court decisions. However, the interpretations of the relevant authorities could differ and the effect on these consolidated financial statements, if the authorities were successful in enforcing their interpretations, could be significant. Management believes that the Group has complied with all regulations and has completely settled all its tax liabilities.

Management also believes that the ultimate liability, if any, arising from legal actions and complaints taken against the Group, will not have a material adverse impact on the financial condition or results of future operations of the Group.

#### *Loan commitment, guarantee and other financial facilities*

In the normal course of business, the Group is a party to financial instruments with off-balance sheet risk in order to meet the needs of its customers. These instruments, involving varying degrees of credit risk, are not reflected in the consolidated statement of financial position.

As of 30 June 2018 the nominal or contract amounts were:

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Undrawn loan commitments	12,835,253	10,248,879
Letters of credit	751,528	58,010
Guarantees	3,905,748	3,232,716
Reserves against credit related commitments	(82,777)	
<b>Total commitments and contingent liabilities</b>	<b>17,409,752</b>	<b>13,539,605</b>

ECL for these instruments is as follows.

*In thousand Armenian drams*

<b>As of 1 January 2018</b>	-
<b>As of 1 January 2018 restated</b>	<b>67,733</b>
Charge for the period/Note 11	15,044
<b>As of 30 June 2018</b>	<b>82,777</b>

The maximum exposure to credit risk of loan commitments, guarantee and other financial facilities is best represented by the total amount of these commitments and contingent liabilities.

#### *Operating lease commitments – Group as a lessee*

In the normal course of business the Group enters into other lease agreements for buildings and premises. The future aggregate minimum lease payments under non-cancellable operating leases are as follows:

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Not later than 1 year	602,114	579,847
1 - 5 years	1,354,560	1,952,989
Later than 5 years	1,059,050	2,398,534
<b>Total operating lease commitments</b>	<b>3,015,724</b>	<b>4,931,370</b>

#### *Insurance*

The insurance industry in Armenia is at developing stage and many forms of insurance protection common in other parts of the world are not yet generally available. However, as at 30 June 2018 the Group possesses insurance for its transportation (also compulsory motor third party liability insurance) and buildings, properties, ATMs, banking risks, electronic or computer crimes and for professional responsibility. Until the Group obtains adequate insurance coverage, there is a risk that the loss or destruction of certain assets could have a material adverse effect on the Group's operations and financial position.

### **34. Subordinated debts**

<i>In thousand Armenian drams</i>	<b>30/06/2018</b>	<b>31/12/2017</b>
Subordinated debt provided by related party	5,832,080	5,854,396
	<b>5,832,080</b>	<b>5,854,396</b>

Subordinate debt represents a long term borrowing agreements, which, in case of the Group's default, would be subordinated to the Group's other obligations, including deposits and other debt instruments.

Subordinated debt from related party is issued in USD, with average effective interest rate of 7.12% per annum and with contractual maturity from January 2023 (2017: 7.12%% and with contractual maturity to January 2023) (See note 36).

### **35. Equity**

As of 30 June 2018 the Bank's registered and paid-in share capital was AMD 16,416,633 thousand (2017: AMD 16,416,633 thousand).

In accordance with the Bank's statutes, the share capital consists of 54,722 ordinary shares, all of which have a par value of AMD 300,000 each and of 333 privileged shares, all of which have a par value of AMD 100 each.

The respective shareholdings as of 30 June 2018 and 31 December 2017 may be specified as follows:

<i>In thousand Armenian drams</i>	<i>30/06/2018</i>		<i>31/12/2017</i>	
	<i>Paid-in capital</i>	<i>share % of total paid-in capital</i>	<i>Paid-in capital</i>	<i>share % of total paid-in capital</i>
Advanced Global Investments LLC	13,287,900	80.94	13,287,900	80.94
Advanced Global Investments LLC (preference shares)	33	–	33	–
Haypost Trust Management CJSC	2,307,900	14.06	2,307,900	14.06
Saint Apostolic Church of Armenia	820,800	5	820,800	5
	<b>16,416,633</b>	<b>100</b>	<b>16,416,633</b>	<b>100</b>

The holders of ordinary shares are entitled to receive dividends as declared and are entitled to one vote per share at annual and general meetings of the Bank.

The preference shareholders are entitled to receive annual dividends amounting 20% of the nominal value of the shares they own if decision on dividend payment is made by authorized body.

According to decision of Meeting of Shareholders dated on 18 July 2018 dividends declared by the Bank amounted to AMD 570,743 thousand (2017 declared and paid AMD 564,460 thousand) for ordinary shares and 6.6 thousand (2017 AMD 6.6 thousand) to preferred shareholders. As of the date the dividends were declared dividends per ordinary share amounted to AMD 10,423 (2017 AMD 10,315), and dividends per preference share amounted to AMD 19.8 (2017 AMD 19.8).

The share capital of the Bank was contributed by the shareholders in Armenian Drams and they are entitled to dividends and any capital distribution in Armenian Drams.

Distributable among shareholders reserves equal the amount of retained earnings, determined according to the Armenian legislation. Non-distributable reserves are represented by a reserve fund. The reserve has been created in accordance with the Bank's statutes that provide for the creation of a reserve for these purposes of not less than 20% of the Bank's share capital reported in statutory books.

### **36. Transactions with Related parties**

In accordance with IAS 24 Related Party Disclosures, parties are considered to be related if one party has ability to control the other party or exercise significant influence over the other party in making financial or operational decisions. For the purpose of these consolidated financial statements, related parties include shareholders, members of Group's Management as well as other persons and enterprises related with and controlled by them respectively. The ultimate controlling party of the Group is Argentinean businessman E. Eurnekian.

	30/06/2018			31/12/2017		
	<i>Shareholders and parties related with them</i>		<i>Key management personnel and parties related with them</i>	<i>Shareholders and parties related with them</i>		<i>Key management personnel and parties related with them</i>
<i>In thousand Armenian Drams</i>	<i>Parent Company</i>			<i>Parent Company</i>		
<b>Consolidated Statement of financial position</b>						
<b>Loans and advances to customers</b>						
Loans outstanding at January 1, gross	19,037	27,463,688	395,002	4,811	28,951,581	177,661
Loans issued during the period	76,913	7,812,480	248,739	92,282	26,081,083	823,174
Loan repayments during the period	(79,218)	(20,797,438)	(273,166)	(78,056)	(27,568,976)	(605,833)
<b>Loans outstanding at the end of period, gross</b>	<b>16,732</b>	<b>14,478,730</b>	<b>370,575</b>	<b>19,037</b>	<b>27,463,688</b>	<b>395,002</b>
Less: allowance for loan impairment	(167)	(144,787)	(3,706)	(190)	(274,637)	(3,950)
<b>Loans outstanding at the end of period</b>	<b>16,565</b>	<b>14,333,943</b>	<b>366,869</b>	<b>18,847</b>	<b>27,189,051</b>	<b>391,052</b>
<b>Amounts due to customers</b>						
Deposits at January 1	367,619	43,296,298	414,195	348,105	38,802,129	167,545
Deposits received during the period	169,692	293,226,200	1,660,225	1,022,935	622,429,078	3,968,001
Deposits repaid during the period	(409,528)	(294,039,400)	(1,514,506)	(1,003,421)	(623,789,304)	(3,726,476)
<b>Deposits at the end of period</b>	<b>127,783</b>	<b>42,483,098</b>	<b>559,914</b>	<b>367,619</b>	<b>37,441,903</b>	<b>409,070</b>
<b>Amounts due to customers - Subordinated debt</b>						
Subordinated debt at January 1	-	5,854,396	-	-	7,598,818	-
Subordinated debt received during the period	-	-	-	-	-	-
Subordinated debt repaid during the period	-	(44,760)	-	-	(1,748,435)	-
Net result from FX revaluation	-	22,444	-	-	4,013	-
<b>Subordinated debt at the end of period</b>	<b>-</b>	<b>5,832,080</b>	<b>-</b>	<b>-</b>	<b>5,854,396</b>	<b>-</b>
<b>Consolidated statement of financial position not recognized items</b>						
Guarantees	-	191,208	125,091	-	283,558	140,044



***Consolidated statement of comprehensive income***

Interest income	-	660,099	12,186	-	2,227,176	13,510
Fee and commission income	410	12,362	464	702	24,965	660
Other income	56	20,510	419	1,300	61,251	910
Interest expense	(1,833)	(1,033,462)	(6,816)	(3,771)	(2,285,300)	(15,985)
Impairment charge	23	129,850	244	(142)	14,879	(2,173)
Other operating expenses	-	(22,705)	(14,224)	-	(43,109)	(28,601)

A number of banking transactions are entered into with related parties. These include loans, deposits and other transactions. The volumes of related party transactions, outstanding balances at the year end, and related expense and income for the year are as follows:

The loans issued to directors and other key management personnel (and close family members) have maturity from 1 year to 20 years (2017: from 1 year to 20 years) and have interest rates of 3-24% (2017: 3-24%,1-20 year). The loans advanced to the directors are collateralised by gold, real estate, cash and other assets.

Compensation of key management personnel was comprised of the following:

*In thousand Armenian drams*

	<b>30/06/2018</b>	<b>30/06/2017</b>
Salaries and other short-term benefits	209,026	232,137
<b>Total key management compensation</b>	<b>209,026</b>	<b>232,137</b>

### **37. Fair value measurement**

The Group's management determines the policies and procedures for both recurring fair value measurement, such as unquoted trading and available-for-sale securities, unquoted derivatives and for non-recurring measurement, such as assets held for sale.

External valuers are involved for valuation of significant assets, such as properties and repossessed assets. Involvement of external valuers is decided upon annually by the Board.

At each reporting date, the Management analyses the movements in the values of assets and liabilities which are required to be re-measured or re-assessed as per the Group's accounting policies. For this analysis, the major inputs applied in the latest valuation are verified by agreeing the information in the valuation computation to contracts and other relevant documents. The Management, in conjunction with the Group's external valuers, also compares each the changes in the fair value of each asset and liability with relevant external sources to determine whether the change is reasonable.

Financial and non-financial assets and liabilities measured at fair value in the consolidated statement of financial position are presented below. This hierarchy groups financial and non-financial assets and liabilities into three levels based on the significance of inputs used in measuring the fair value of the financial assets and liabilities. The fair value hierarchy has the following levels:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities
- Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset and liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices)
- Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

### **Financial instruments that are not measured at fair value**

The table below presents the fair value of financial assets and liabilities not measured at their fair value in the consolidated statement of financial position and analyses them by the level in the fair value hierarchy into which each fair value measurement is categorised.

	As of 30 June 2018				
	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total fair values</i>	<i>Total carrying amount</i>
<b>Financial assets</b>					
Loans and advances to customers	-		159,162,373	159,162,373	169,901,216
Cash and cash equivalents	41,218,901		-	41,218,901	41,218,901
Amounts due from banks	-		5,028,946	5,028,946	5,028,946
Held to maturity investments			1,575,364	1,575,364	1,570,110
Other financial assets	-		568,563	568,563	568,563
<b>Financial liabilities</b>					
Amounts due to customers	-		170,981,733	170,981,733	170,981,733
Other borrowed funds	-		15,299,678	15,299,678	15,299,678
Amounts due to banks	-		10,991,418	10,991,418	10,991,418
Bonds issued by Banks		13,498,519	-	13,498,519	13,485,997
Subordinated debt	-		5,832,080	5,832,080	5,832,080
Other financial liabilities	-		997,145	997,145	997,145

	As of 31 December 2017				
	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total fair values</i>	<i>Total carrying amount</i>
<b>Financial assets</b>					
Loans and advances to customers	-		151,021,736	151,021,736	165,167,500
Cash and cash equivalents	39,842,049		-	39,842,049	39,842,049
Amounts due from banks	-		10,546,355	10,546,355	10,546,355
Held to maturity investments			346,127	346,127	346,140
Other financial assets	-		379,607	379,607	379,607
<b>Financial liabilities</b>					
Amounts due to customers	-		173,914,157	173,914,157	173,914,157
Other borrowed funds	-		12,659,350	12,659,350	12,659,350
Amounts due to banks	-		15,173,467	15,173,467	15,173,467
Bonds issued by Banks		5,952,200	-	5,952,200	5,931,969
Subordinated debt	-		5,854,396	5,854,396	5,854,396
Other financial liabilities	-		943,666	943,666	943,666

#### Financial instruments that are not measured at fair value

##### *Amounts due from and to banks*

For assets and liabilities maturing within one month, the carrying amount approximates fair value due to the relatively short-term maturity of these financial instruments. For the assets and liabilities maturing in over one month, the fair value was estimated as the present value of estimated future cash flows discounted at the appropriate year-end market

rates, which are mainly the same as current interest rates.

*Loans and advances to customers*

The fair value of floating rate instruments is normally their carrying amount. The estimated fair value of fixed interest rate instruments is based on estimated future cash flows expected to be received discounted at current interest rates for new instruments with similar credit risk and remaining maturity. Discount rates used depend on credit risk of the counterparty and ranged from 3 % to 24% per annum (2017: 3% to 24% per annum).

The fair value of the impaired loans is calculated based on expected cash flows from the sale of collateral. The value of collateral is based on appraisals performed by independent, professionally-qualified property appraiser.

*Amounts due to customers*

The fair value of deposits from customers is estimated using discounted cash flow techniques, applying the rates that are offered for deposits of similar maturities and terms. The fair value of deposits payable on demand is the amount payable at the reporting date.

<i>In thousand Armenian drams</i>	<i>As of June 30, 2018</i>		
	<i>Level 1</i>	<i>Level 2</i>	<i>Total</i>
<b>Financial assets</b>			
Securities pledged under repurchase agreements		3,564,649	<b>3,564,649</b>
Investments at fair value through other comprehensive income	1,021,963	23,003,530	<b>24,025,493</b>
Investments at fair value through profit or loss		1,042,219	<b>1,042,219</b>
<b>Total</b>	<b>1,021,963</b>	<b>27,610,398</b>	<b>28,632,361</b>
<b>Financial liabilities</b>			
Derivative financial liabilities		34,655	<b>34,655</b>
<b>Total</b>	<b>0</b>		
		34,655	<b>34,655</b>
<b>Net Fair Value</b>	<b>1,021,963</b>	<b>27,575,743</b>	<b>28,597,706</b>

<i>In thousand Armenian drams</i>	<i>As of December 31, 2017</i>		
	<i>Level 1</i>	<i>Level 2</i>	<i>Total</i>
<b>Financial assets</b>			
Securities pledged under repurchase agreements	–	3,056,113	<b>3,056,113</b>
Investments available for sale	883,076	21,871,348	<b>22,754,424</b>
Trading securities	–	787,330	<b>787,330</b>
<b>Total</b>	<b>883,076</b>	<b>25,714,791</b>	<b>26,597,867</b>
<b>Financial liabilities</b>			
Derivative financial liabilities	0	68,857	68,857
<b>Total</b>	<b>0</b>	<b>68,857</b>	<b>68,857</b>
<b>Net Fair Value</b>	<b>883,076</b>	<b>25,645,934</b>	<b>26,529,010</b>

The methods and valuation techniques used for the purpose of measuring fair value are unchanged compared to the

previous reporting period.

*Unquoted RA equity securities*

The fair value of Bank's investment in unquoted RA equity securities cannot be reliably measured and is therefore excluded from this disclosure. Refer to note 19 for further information about this equity investment.

**Fair value measurement of non-financial assets and liabilities**

	<i>As of June 30, 2018</i>	
<i>In thousand Armenian drams</i>	<i>Level 3</i>	<i>Total</i>
<b>Non-financial assets</b>		
Land and Buildings	4,631,719	4,631,719
<b>Total</b>	4,631,719	4,631,719

	<i>As of December 31, 2017</i>	
<i>In thousand Armenian drams</i>	<i>Level 3</i>	<i>Total</i>
<b>Non-financial assets</b>		
Land and Buildings	4,724,230	4,724,230
<b>Total</b>	4,724,230	4,724,230

**Fair value measurement of non-financial assets and liabilities (continued)**

*Fair value measurements in Level 3*

The Group's non-financial assets and liabilities classified in Level 3 use valuation techniques based on significant inputs that are not based on observable market data. The financial assets and financial liabilities within this level can be reconciled from beginning to ending balance as follows:

<i>In thousand Armenian drams</i>	<i>Land and buildings</i>	<i>Total</i>
<b>Non-financial assets</b>		
<b>Balance as at 1 January 2018</b>	4,724,230	4,724,230
Purchases	3,956	3,956
Gains/Loss recognised in other comprehensive income	0	0
Disposals	0	0
Accumulated depreciation	(96,467)	(96,467)
<b>Net fair value at 30 June 2018</b>	4,631,719	4,631,719

<i>In thousand Armenian drams</i>	<i>Land and buildings</i>	<i>Total</i>
<b>Non-financial assets</b>		
<b>Balance as at 1 January 2017</b>	5,134,018	5,134,018
Purchases	103	103
Disposals	(212,886)	(212,886)
Accumulated depreciation	(197,005)	(197,005)
<b>Net fair value at 31 December 2017</b>	4,724,230	4,724,230

Fair value of the Group's main property assets is estimated based on appraisals performed by independent, professionally-qualified property appraisers. The significant inputs and assumptions are developed in close consultation with management. The valuation processes and fair value changes are reviewed at each reporting date.

The appraisal was carried out using a comparative and income methods that reflect observed prices for recent market transactions for similar properties and incorporates adjustments for factors specific to the land in question, including plot size, location, encumbrances and current use and other.

The land and buildings were revaluated in 2017. The buildings were previously revaluated in 2016.

The significant unobservable input is the adjustment for factors specific to the land in question. The extent and direction of this adjustment depends on the number and characteristics of the observable market transactions in similar properties that are used as the starting point for valuation. Although this input is a subjective judgement, management considers that the overall valuation would not be materially affected by reasonably possible alternative assumptions.

### 38. Transferred financial assets and assets held or pledged as collateral

The following table provides a summary of financial assets which have been transferred in such a way that part or all of the transferred financial assets do not qualify for derecognition:

		<i>30/06/2018</i>			
		<i>Transferred financial asset</i>	<i>Trading securities</i>	<i>Investment securities available for sale</i>	<i>Total</i>
Carrying amount of assets	Repurchase agreements		0	3,564,649	<b>3,564,649</b>
<b>Total</b>			<b>0</b>	<b>3,564,649</b>	<b>3,564,649</b>
Carrying amount of associated liabilities	of Repurchase agreements		0	3,519,053	<b>3,519,053</b>
<b>Total</b>			<b>0</b>	<b>3,519,053</b>	<b>3,519,053</b>
<b>Net position</b>			<b>0</b>	<b>45,596</b>	<b>45,596</b>

  

		<i>31/12/2017</i>			
		<i>Transferred financial asset</i>	<i>Trading securities</i>	<i>Investment securities available for sale</i>	<i>Total</i>
Carrying amount of assets	Repurchase agreements		0	3,056,113	<b>3,056,113</b>
<b>Total</b>			<b>0</b>	<b>3,056,113</b>	<b>3,056,113</b>
Carrying amount of associated liabilities	of Repurchase agreements		0	2,900,619	<b>2,900,619</b>
<b>Total</b>			<b>0</b>	<b>2,900,619</b>	<b>2,900,619</b>
<b>Net position</b>			<b>0</b>	<b>155,494</b>	<b>155,494</b>

#### *Repurchase agreements*

The securities sold under agreements to repurchase are transferred to a third party and the Group receives cash in exchange, or other financial assets. If the securities increase or decrease in value, the Group may, in certain

circumstances, require, or be required, to pay additional cash collateral. The Group has determined that it retains substantially all the risks and rewards of these securities, which includes credit risk, market risk, country risk and operational risk, and therefore has not derecognized them. In addition, it recognized a financial liability for cash received.

Likewise, the Group may sell or repledge securities received as loans or purchased under reverse repurchase agreements but is obliged to return the securities. In this case, the counterparty retains substantially all the risks and rewards of ownership. Accordingly, the Group does not recognize such securities and records a separate asset for any possible collateral provided as cash.

### 39. Offsetting of financial instruments

The table below shows financial assets offset against financial liabilities in the statement of financial position, as well as the effect of enforceable master netting agreements and similar arrangements which do not result in an offset in the statement of financial position:

<i>30/06/2018</i>	<i>Gross amount of recognized financial assets</i>	<i>Gross amount of recognized financial liabilities set off in the statement of financial position</i>	<i>Net amount of financial assets recognized in the consolidated statement of financial position</i>	<i>Related amounts not offset in the consolidated statement of financial position</i>	<i>Cash collateral received</i>	<i>Net amount</i>
<b>Financial assets</b>						
Loans to banks-reverse repurchase agreements	5,502,558	-	5,502,558	-	(5,502,558)	-
Loans to customers-reverse repurchase agreements	2,991,348	-	2,991,348	-	(2,991,348)	-
<b>Total</b>	<b>8,493,906</b>	<b>-</b>	<b>8,493,906</b>	<b>-</b>	<b>(8,493,906)</b>	<b>-</b>
<b>Financial liabilities</b>						
Liabilities to banks	3,519,053	-	3,519,053	(3,519,053)	-	-
<b>Total</b>	<b>3,519,053</b>	<b>-</b>	<b>3,519,053</b>	<b>(3,519,053)</b>	<b>-</b>	<b>-</b>

<i>31/12/2017</i>	<i>Gross amount of recognized financial assets</i>	<i>Gross amount of off in the statement of financial position</i>	<i>Net amount of financial assets recognized in the consolidated statement of financial position</i>	<i>Related amounts not offset in the consolidated financial position</i>	<i>Cash collateral received</i>	<i>Net amount</i>
<b>Financial assets</b>						
Loans to banks- reverse repurchase agreements	7,025,413	-	7,025,413	-	(7,025,413)	-
Loans to customers- reverse repurchase agreements	4,820,511	-	4,820,511	-	(4,820,511)	-
<b>Total</b>	<b>11,845,924</b>	<b>-</b>	<b>11,845,924</b>	<b>-</b>	<b>(11,845,924)</b>	<b>-</b>
<b>Financial liabilities</b>						
Liabilities to banks	2,900,619	-	2,900,619	(2,900,619)	-	-
<b>Total</b>	<b>2,900,619</b>	<b>-</b>	<b>2,900,619</b>	<b>(2,900,619)</b>	<b>-</b>	<b>-</b>

#### 40. Maturity analysis of assets and liabilities

The table below shows an analysis of assets and liabilities analysed according to when they are expected to be recovered or settled. See Note 41 for the Group's contractual undiscounted repayment obligations.

<i>In thousand AMD</i>	<i>30 June 2018</i>								
	<i>Demand and less than 1 month</i>	<i>From 1 to 3 months</i>	<i>From 3 to 12 months</i>	<i>Subtotal less than 12 months</i>	<i>From 1 to 5 years</i>	<i>More than 5 years</i>	<i>Subtotal less over 12 months</i>	<i>No maturity</i>	<i>Total</i>
Cash and cash equivalents	41,218,901	0	0	41,218,901	0	0	0	0	41,218,901
Investments at fair value through profit or loss	0	4,339	11,697	16,036	777,597	248,586	1,026,183	0	1,042,219
Amounts due from banks	4,989,753	0	39,193	5,028,946	0	0	0	0	5,028,946
Loans and advances to customers	10,790,791	7,461,228	41,315,708	59,567,727	63,351,660	46,981,829	110,333,489	0	169,901,216
Investments at fair value through other comprehensive income	38,883	849,854	3,423,344	4,312,081	12,882,915	5,803,401	18,686,316	1,084,890	24,083,287
Securities pledged under repurchase agreements	630,201	29,678	32,341	692,219	0	2,872,430	2,872,430	0	3,564,649
Investments at amortized cost	113,125	435,310	1,021,675	1,570,110	0	0	0	0	1,570,110
Property, plant and equipment	0	0	0	0	0	0	0	6,421,183	6,421,183
Intangible assets	0	0	0	0	0	0	0	254,939	254,939
Repossessed assets	0	0	2,014,979	2,014,979	0	0	0	0	2,014,979
Other assets	1,645,007	73,846	125,611	1,844,464	457	21,070	21,526	0	1,865,991
	<b>59,426,661</b>	<b>8,854,256</b>	<b>47,984,548</b>	<b>116,265,464</b>	<b>77,012,628</b>	<b>55,927,316</b>	<b>132,939,944</b>	<b>7,761,012</b>	<b>256,966,420</b>

<b>Liabilities</b>									
Amounts due to banks	8,810,763	1,686,123	422,196	<b>10,919,082</b>	0	0	0	72,336	<b>10,991,418</b>
Investments at fair value through profit or loss	630,201	0	0	<b>630,201</b>	0	0	0	0	<b>630,201</b>
Derivative liabilities	34,656	0	0	<b>34,656</b>	0	0	0	0	<b>34,656</b>
Amounts due to customers	70,167,402	13,850,966	60,972,837	<b>144,991,205</b>	25,746,408	244,120	<b>25,990,528</b>	0	<b>170,981,733</b>
Other borrowed funds	215,426	165,508	2,347,655	<b>2,728,589</b>	8,451,759	4,119,330	<b>12,571,089</b>	0	<b>15,299,678</b>
Bonds issued by the Bank	0	42,575	2,999,448	<b>3,042,023</b>	10,443,973	0	<b>10,443,973</b>	0	<b>13,485,996</b>
Income tax liabilities	0	0	8,650	<b>8,650</b>	0	0	<b>0</b>	0	<b>8,650</b>
Deferred tax liabilities	0	0	0	<b>0</b>	900,882	0	<b>900,882</b>	0	<b>900,882</b>
Other liabilities	575,714	376,092	964,123	<b>1,915,929</b>	0	24,800	<b>24,800</b>	0	<b>1,940,729</b>
Other provisions	82,777	0	0	<b>82,777</b>	0	0	<b>0</b>	0	<b>82,777</b>
Subordinated debt	0	0	-3,024	<b>-3,024</b>	5,835,104	0	<b>5,835,104</b>	0	<b>5,832,080</b>
	<b>80,516,939</b>	<b>16,121,264</b>	<b>67,711,885</b>	<b>164,350,089</b>	<b>51,378,126</b>	<b>4,388,250</b>	<b>55,766,376</b>	<b>72,336</b>	<b>220,188,801</b>
<b>Net position</b>	(21,090,278)	(7,267,009)	(19,727,337)	<b>(48,084,624)</b>	25,634,502	51,539,066	<b>84,862,244</b>	<b>7,688,676</b>	<b>36,777,620</b>
<b>Accumulated gap</b>	(21,090,278)	(28,357,287)	(26,994,346)		5,907,165	84,862,244			

*31 December 2017*

<i>In thousand AMD</i>	<i>Demand and less than 1 month</i>	<i>From 1 to 3 months</i>	<i>From 3 to 12 months</i>	<i>Subtotal less than 12 months</i>	<i>From 1 to 5 years</i>	<i>More than 5 years</i>	<i>Subtotal less over 12 months</i>	<i>No maturity</i>	<i>Total</i>
Cash and cash equivalents	39,842,049	0	0	<b>39,842,049</b>	0	0	<b>0</b>	0	<b>39,842,049</b>
Trading securities	0	3,567	11,146	<b>14,713</b>	537,175	235,442	<b>772,617</b>	0	<b>787,330</b>
Amounts due from banks	8,222,566	0	791,619	<b>9,014,185</b>	0	0	<b>0</b>	1,532,170	<b>10,546,355</b>
Loans and advances to customers	8,406,097	18,151,523	37,760,576	<b>64,318,196</b>	53,178,724	47,670,580	<b>100,849,304</b>	0	<b>165,167,500</b>
Investments available for sale	16,495	202,236	1,784,066	<b>2,002,797</b>	15,116,792	4,746,426	<b>198,632,18</b>	946,203	<b>22,812,218</b>
Securities pledged under repurchase agreements	3,056,113	0	0	<b>3,056,113</b>	0	0	<b>0</b>	0	<b>3,056,113</b>
Investments held up to maturity	0	0	346,140	<b>346,140</b>	0	0	<b>0</b>	0	<b>346,140</b>
Property, plant and equipment	0	0	0	<b>0</b>	0	0	<b>0</b>	6,115,287	<b>6,115,287</b>
Intangible assets	0	0	0	<b>0</b>	0	0	<b>0</b>	226,538	<b>226,538</b>
Repossessed assets	0	0	1,832,119	<b>1,832,119</b>	0	0	<b>0</b>	0	<b>1,832,119</b>
Other assets	1,632,331	23,630	326,598	<b>1,982,559</b>	575	21,070	<b>21,645</b>	0	<b>2,004,204</b>
	<b>61,175,651</b>	<b>18,380,956</b>	<b>42,852,265</b>	<b>122,408,872</b>	<b>68,833,266</b>	<b>52,673,518</b>	<b>121,506,784</b>	<b>8,820,198</b>	<b>252,735,854</b>
<b>Liabilities</b>									
Amounts due to banks	13,456,203	0	1,644,649	<b>15,100,852</b>	0	0	<b>0</b>	72,615	<b>15,173,467</b>
Derivative liabilities	68,857	0	0	<b>68,857</b>	0	0	<b>0</b>	-	<b>68,857</b>
Amounts due to customers	73,332,379	11,139,342	63,824,245	<b>148,295,966</b>	25,203,657	220,881	<b>25,424,538</b>	193,653	<b>173,914,157</b>
Other borrowed funds	132,456	225,435	1,606,581	<b>1,964,472</b>	8,091,692	2,603,186	<b>10,694,878</b>	-	<b>12,659,350</b>



Bonds issued by the Bank	0	43,438	47,531	<b>90,969</b>	5,841,000	0	<b>5,841,000</b>	-	<b>5,931,969</b>
Income tax liabilities	0	0	609,855	<b>609,855</b>	0	0	<b>0</b>	-	<b>609,855</b>
Deferred tax liabilities	0	0	0	<b>0</b>	1,210,763	0	<b>1,210,763</b>	-	<b>1,210,763</b>
Other liabilities	384,506	40,774	885,582	<b>1,310,862</b>	0	26,010	<b>26,010</b>	-	<b>1,336,872</b>
Subordinated debt	0	0	-3,214	<b>-3,214</b>	0	5,857,610	<b>5,857,610</b>	-	<b>5,854,396</b>
	<b>87,374,401</b>	<b>11,448,989</b>	<b>68,615,229</b>	<b>167,438,619</b>	<b>40,347,112</b>	<b>8,707,687</b>	<b>49,054,799</b>	<b>266,268</b>	<b>216,759,686</b>
<b>Net position</b>	<b>(26,198,750)</b>	<b>6,931,967</b>	<b>(25,762,964)</b>	<b>(45,029,747)</b>	<b>28,486,154</b>	<b>43,965,831</b>	<b>81,005,915</b>	<b>8,553,930</b>	<b>35,976,168</b>
<b>Accumulated gap</b>	<b>(26,198,750)</b>	<b>(19,266,783)</b>	<b>(18,830,997)</b>		<b>2,723,190</b>	<b>81,005,915</b>			

The maturity analysis does not reflect the historical stability of current accounts. Their repayment has historically taken place over a longer period than indicated in the tables above. These balances are included in amounts due in the period "Within one year" in the tables above.

Included in amounts due to customers are term deposits of individuals. In accordance with the Armenian legislation, the Bank is obliged to repay term deposits of individuals upon demand of a depositor.

#### 4.1. Risk management

The Group's activities expose it to a variety of financial risks and those activities involve the analysis, evaluation, acceptance and management of some degree of risk or combination of risks.

The process of risk management is organized in accordance with the mission, principal and interim objectives of the Group and is designed to improve the financial position and the reputation of the Group.

The aim of the risk management process is the assistance to the management of the Group in making decisions in the framework of risk mitigation measures, limits and internal acts for effectively managing the risks related to the assets and liabilities of the Group and its customers by the means of excluding or minimizing the possible losses related to the risks, ensuring the acceptable level of profitability, liquidity and solvency. The risk management is based on procedures, regulations, norms and limits, approved by the Group's authorized body. The identification, measurement, supervision and monitoring of the Group's risks are ongoing and regular processes. The risk analysis is an integral part of the Group's strategic planning, as well as the evaluation of investment programs. The Group's risks management principles include: the implementation of non-standard risk management procedures in critical situations, periodical implementation of stress scenarios for testing the financial stability, avoiding the concentrations of business processes in the assets and loan portfolio, diversification of the Group's assets and liabilities, implementation of monitoring by a frequency consistent with the risks undertaken by the Group, management of the risk concentrations, the ongoing cooperation between the risk management administration and departments.

##### *Risk management structure*

The risk management is organized and coordinated by the Executive Director in accordance with the internal legal acts approved by the Bank's Board. The risk management is implemented in a clear and documented manner for all business processes described, through appropriate internal legal acts and limits determined for all the processes and operations.

##### *The Board*

The Board is responsible for the overall supervision of risk management and risk management policy, as well as approval of the policies related to the risk management, based on which the Bank's Executive Director organizes the risk management, taking into consideration the management limits and the requirements of the Bank's internal legal acts.

##### *Direction*

The Bank's Executive Board implements the following for the purpose of risk management:

- ▶ Approval of complex measures, in agreement with the Board, based on the Group's risk management, associated with the Group's profitability in the critical situations, as well as operating, strategic, reputational and legal risks.
- ▶ Determining prohibitions for several transactions,
- ▶ Determining limits for transactions without collateral in inter-bank markets,
- ▶ Determining internal norms for banking risks regulation and supervision.

The Executive Board is responsible for the management of the Group's assets and liabilities, as well as the overall financial system. The Bank's Executive Board is also responsible for the Group's liquidity financial risks. The Executive Board is designed to fulfill the functions of the Group's Assets and Liabilities Management Committee.

#### *Risk management division*

The main functions of the risk management division are:

- ▶ Elaboration and implementation of active mechanisms and processes for risk management in the Group, as well as monitoring over their implementation,
- ▶ Analysis of the risk level of loans issued by the Group and the monitoring over the lending process in the framework of program loans,
- ▶ Monitoring of issued loans, identification of issues related to them and reporting,
- ▶ Supervision over the evaluation of pledged property and periodical revaluations of the pledged property.
- ▶ Organization of the insurance process of the Group's property,
- ▶ Management of the doubtful loans portfolio.

#### *Internal audit*

Risk management processes throughout the Group are audited annually by the internal audit function that examines both the adequacy of the procedures and the Group's compliance with the procedures. Internal Audit discusses the results of all assessments with management, and reports its findings and recommendations to the Bank's Board.

#### *Risk measurement and reporting systems*

Depending upon various factors, the Group divides the risks into the internal and external risks.

The external risks include the country, legislation, force-major factors, price and competition risks.

Internal risks of the Group are the risks associated with its activity. They include the credit, operational, liquidity, interest rate, currency, reputational, capital decrease, staff and money laundering risks.

The country risk is managed by the Bank using the rating of international rating agencies (Moody's, S&P and Fitch), granted to international banks and organizations. The risk management division monitors the rating of internal bank counterparties of the Group and quarterly presents to the Bank's Executive Board approval, the limits for each bank.

The minimal possible price risk level is ensured in the framework of the following measures: analysis of the financial markets' structural, volume and price indicators' dynamics, and liquidity of several financial instruments, as well as identification of current trades, assessment of possible losses on a monthly basis using the stress testing, determination of limits for financial instruments (by types of transactions with securities, by dealer, by issuer), diversification of securities portfolio by issuer, industry, maturity profile etc.

The management of competition risk is implemented by the business divisions and marketing department, by

periodically comparing the range of services and conditions provided by the Group and its competitors.

The interest rate risk is managed by the Risk Management Division of the Group by elaborating and implementing interest rate mitigation mechanisms/models, based on which the Group's Assets and Liabilities Management Committee makes decisions. The Risk Management Division has elected to use the models interest rate change sensitivity gap, duration and basic risk. Interest rate change sensitivity gap and duration models are implemented through stress testing on a monthly basis. The interest rate basic risk is managed through stress tests by implementing scenarios of different severity on a quarterly basis.

For liquidity risk management purposes daily discussions are held around the structure of assets and liabilities maturity profiles and the liquidity gap, as well as supervision is established over the weight of investments in highly liquid instruments. For mitigation of the liquidity risk the Group's Risk management division presents monthly analysis of the Group's expected repayments, amounts to be lent and the positions to the Group's Assets and Liabilities Management Committee. The liquidity risk management includes the elaboration of pricing mechanisms for assets of the Group, limits of amounts attracted by the Group, their types or gross interest expenses, limits on concentrations of the financial sources used by the Group for fulfilling the liquidity requirements, the diversification of the maturities of the borrowings, limits on the borrowings attracted from the Group's related parties aimed at satisfying the liquidity needs, principles and methods for determining the interest rate risk limit, including the interest rate risk and limits related to the off-balance sheet items, the intended level of interest margins, mechanisms and procedures of making decisions on attraction and attribution of financial means, acceptable limits of maturity gaps between the Group's assets and liabilities, the ways of coordinating the Group's other divisions activities, who can influence the Group's liquidity level by their operations, the extraordinary liquidity requirements fulfilment programs (which can arise from reduction of the income, increase of doubtful assets, concentrations of deposits), the forms of reports on liquidity management to be submitted to the Group's executive body and Board.

The capital decrease risk measurement mechanisms are the norms determined internally and by the CBA (capital adequacy, one borrower risk etc.) The stress tests implemented monthly allow determining the maximum loss of capital, depending on different circumstances.

The staff risk is managed by the Staff management department, which periodically observes the vacancies and offered conditions existing in the RA banking system, as well as organizes trainings for improving the professional skills level of the employees by using internal and external resources.

The money laundering risk management is conducted by the financial observations department, which operates in accordance with the requirements of anti-money laundering legislation and Bank's internal legal acts.

#### *Excessive risk concentrations*

Concentrations arise when a number of counterparties are engaged in similar business activities, or activities in the same geographic region, or have similar economic features that would cause their ability to meet contractual obligations to be similarly affected by changes in economic, political or other conditions. Concentrations indicate the relative sensitivity of the Group's performance to developments affecting a particular industry or geographical location.

For avoiding the excessive risk concentrations, the Group's policy and processes includes special principles aimed at maintaining diversified assets types, loan and securities portfolios.

## **41. Risk management**

### **Credit risk**

The Group takes on exposure to credit risk, which is the risk that counterparty will cause a financial loss for the Group by failing to discharge an obligation. Credit risk is the most important risk for the Group's business; management therefore carefully manages its exposure to credit risk. Credit exposures arise principally in lending activities that lead to loans and advances, and investment activities that bring debt securities and other bills into the Group's asset portfolio. There is also credit risk in off-balance sheet financial instruments, such as loan commitments. The credit risk

is managed in accordance with the Group's credit policy and the internal legal acts regulating the sphere. The risk management division implements daily monitoring of the loan portfolio, calculation of dynamics based on the structured series and analysis of the quality of loan portfolio by products and branches, which is used for forecasting the qualitative indicators of the loan portfolio. The risk management division also conducts monitoring of different loan types in accordance with approved procedures, and monitors also other loans if it is necessary in case of worsening of the borrower's creditability. The loans issued by the Group are also approved by the risk management division in accordance with the requirements of internal legal acts for reducing the credit risk. The credit risk management and control are centralised in Risk Management Division and reported to the Executive Board regularly.

As of June 30 2018 and 31 December 2017 the carrying amounts of the Group's financial assets best represent the maximum exposure to credit risk related to them, without taking account of any collateral held or other credit enhancements.

## Risk concentrations

### *Geographical sectors*

The following table breaks down the Group's main credit exposure at their carrying amounts, as categorized by geographical region as of 30 June 2018 and 31 December 2017.

<i>In thousand Armenian drams</i>	<i>Armenia</i>	<i>Other non-OECD countries</i>	<i>OECD countries</i>	<i>Total</i>
Cash and cash equivalents	38,414,012	2,002,397	802,491	41,218,901
Trading securities	1,042,219			1,042,219
Amounts due from banks	3,881,753	339,443	807,750	5,028,946
Loans and advances to customers	158,061,632	11,781,877	57,707	169,901,216
Investments available for sale	22,933,145		1,150,142	24,083,287
Securities pledged under repurchase agreements	3,564,649			3,564,649
Held to maturity investments	1,570,110			1,570,110
Other financial assets	252,354	48	316,161	568,563
<b>As of 30 June 2018</b>	<b>229,719,875</b>	<b>3,134,252</b>	<b>14,123,765</b>	<b>246,977,892</b>

<i>In thousand Armenian drams</i>	<i>Armenia</i>	<i>Other non-OECD countries</i>	<i>OECD countries</i>	<i>Total</i>
Cash and cash equivalents	37,825,148	1,460,198	556,703	<b>39,842,049</b>
Trading securities	787,330	-	-	<b>787,330</b>
Amounts due from banks	9,502,670	285,730	757,955	<b>10,546,355</b>
Loans and advances to customers	142,405,903	6,205,348	16,556,249	<b>165,167,500</b>
Investments available for sale	21,800,747	-	1,011,471	<b>22,812,218</b>
Securities pledged under repurchase agreements	3,056,113	-	-	<b>3,056,113</b>
Held to maturity investments	346,140	-	-	<b>346,140</b>
Other financial assets	509,445	265	225,351	<b>735,061</b>
<b>As of 31 December 2017</b>	<b>216,233,496</b>	<b>7,951,541</b>	<b>19,107,729</b>	<b>243,292,766</b>

Assets have been classified based on the country in which the counterparty is located.

#### 41. Risk management (continued)

##### Risk limit control and mitigation policies

The Group manages limits and controls concentrations of credit risk wherever they are identified – in particular, to individual counterparties and groups, and to industries and countries.

The Group structures the levels of credit risk it undertakes by placing limits on the amount of risk accepted in relation to one borrower, or groups of borrowers, and to geographical and industry segments. Such risks are monitored on a revolving basis and subject to an annual or more frequent review, when considered necessary. Limits on the level of credit risk by product, industry sector and by country are approved quarterly by the Credit Committee.

The exposure to any one borrower including banks and financial organizations is further restricted by sub-limits covering on- and off-balance sheet exposures.

Exposure to credit risk is also managed through regular analysis of the ability of borrowers and potential borrowers to meet interest and capital repayment obligations and by changing these lending limits where appropriate. Some other specific control and mitigation measures are outlined below.

##### *Collateral*

The Group employs a range of policies and practices to mitigate credit risk. The most traditional of these is the taking of security for loans to customers, which is common practice. The Group implements guidelines on the acceptability of specific classes of collateral or credit risk mitigation. The principal collateral types for loans and advances are:

- ▶ Mortgages over residential properties;
- ▶ Charges over business assets such as premises, equipment, inventory and vehicles.
- ▶ Gold and cash

Longer-term finance and lending to corporate entities are generally secured; revolving individual credit facilities are generally unsecured. In addition, in order to minimise the credit loss the Group will seek additional collateral from the counterparty as soon as impairment indicators are noticed for the relevant individual loans and advances.

Collateral held as security for financial assets other than loans and advances is determined by the nature of the instrument. Generally no collaterals are required for provision of loans and advances to banks. The exception is collaterals obtained under repurchase agreements and securities borrowing transactions. Debt securities, treasury and other eligible bills are generally unsecured.

The analysis of gross loan portfolio by collateral is represented as follows:

In thousand Armenian drams	30/06/2018	31/12/2017
Loans collateralized by real estate	94,034,390	82,040,110
Loans collateralized by gold	17,330,297	15,950,465
Loans collateralized by guarantees of enterprises	10,137,999	6,383,684
Loans collateralized by vehicles	2,219,623	2,320,430
Loans collateralized by cash	20,957,737	35,148,213
Loans collateralized by inventories	904,887	676,734
Loans collateralized by equipment	1,185,295	3,300,657
Other securities	5,646,091	5,541,894
Other collateral	11,496,974	7,230,345

In thousand Armenian drams	30/06/2018	31/12/2017
Unsecured loans	11,272,085	11,438,319
<b>Total loans and advances to customers (gross)</b>	<b>175,185,378</b>	<b>170,030,851</b>

The amounts presented in the table above are carrying values of the loans, and do not necessarily represent the fair value of the collaterals. Estimates of market values of collaterals are based on valuation of the collateral at the date when loans were provided. Generally they are not updated unless loans are assessed as individually impaired.

The fair value of collateral that the Group holds relating to the loans with individual signs of impairment at 30 June 2018 amounts to AMD 7,698,381 thousand (2017: AMD 7,808,184 thousand ).

#### 41. Risk management (continued)

##### Risk limit control and mitigation policies (continued)

###### *Credit-related commitments*

The primary purpose of these instruments is to ensure that funds are available to a customer as required. Guarantees and letters of credit carry the same credit risk as loans. Documentary and commercial letters of credit – which are written undertakings by the Group on behalf of a customer authorising a third party to draw drafts on the Group up to a stipulated amount under specific terms and conditions – are collateralised by the underlying shipments of goods to which they relate and therefore carry less risk than a direct loan.

Commitments to extend credit represent unused portions of authorisations to extend credit in the form of loans. With respect to credit risk on commitments to extend credit, the Group is potentially exposed to loss in an amount equal to the total unused commitments.

However, the likely amount of loss is less than the total unused commitments, as most commitments to extend credit are contingent upon customers maintaining specific credit standards. The Group monitors the term to maturity of credit commitments because longer-term commitments generally have a greater degree of credit risk than shorter-term commitments.

##### Impairment and provisioning policies

The main considerations for the loan impairment assessment include whether any payments of principal or interest are overdue by more than 90 days or there are any known difficulties in the cash flows of counterparties, credit rating downgrades, or infringement of the original terms of the contract. The Group estimates impairment for loans based on an analysis of the future cash flows for impaired loans and based on its past loss experience for portfolios of loans for which no indications of impairment have been identified approaching conservatively. The Group addresses impairment assessment into areas: individually assessed allowances and collectively assessed allowances.

###### *Individually assessed allowances*

The Group determines the allowances appropriate for each individually significant loan or advance on an individual basis. Items considered when determining allowance amounts include the sustainability of the counterparty's business plan, its ability to improve performance once a financial difficulty has arisen, projected receipts and the expected dividend payout should bankruptcy ensue, the availability of other financial support and the realizable value of collateral, and the timing of the expected cash flows. The impairment losses are evaluated at each reporting date, unless unforeseen circumstances require more careful attention.

###### *Collectively assessed allowances*

Allowances are assessed collectively for losses on loans and advances that are not significant (including credit cards, residential mortgages and unsecured consumer lending) and for individually significant loans and advances where

there is not yet objective evidence of individual impairment. Allowances are evaluated on each reporting date with each portfolio receiving a separate review.

The collective assessment takes account of impairment that is likely to be present in the portfolio even though there is not yet objective evidence of the impairment in an individual assessment. Impairment losses are estimated by taking into consideration of the following information: historical losses on the portfolio, market loss experience, current economic conditions, the approximate delay between the time a loss is likely to have been incurred and the time it will be identified as requiring an individually assessed impairment allowance, and expected receipts and recoveries once impaired.

Financial guarantees and letters of credit are assessed and provision made in a similar manner as for loans.

*Past due but not individually impaired loans*

Past due loans and advances include those that are only past due by a few days. The majority of the past due loans are not considered to be impaired. Analysis of past due loans by age and by class is provided below.

	<i>30/06/2018</i>				
	<i>Less than 30 days</i>	<i>31 to 60 days</i>	<i>61 to 90 days</i>	<i>More than 91 days</i>	<i>Total</i>
<i>In thousand Armenian drams</i>					
Loans and advances to customers					
Manufacture	0	0	0	13,395	13,395
Agriculture	7,219	0	0	15,093	22,312
Construction	0	0	2,722	0	2,722
Trade	13,888	0	0	56,890	70,779
Transport and communication	0	0	0	0	0
Consumer loans to individuals	230,529	110,711	98,705	430,958	870,903
Mortgage	83,823	12,587	93,002	187,155	376,567
Services	0	0	0	31,037	31,037
Other sectors	18,803	0	9,261	0	28,064
<b>Total</b>	<b>354,262</b>	<b>123,298</b>	<b>203,690</b>	<b>734,528</b>	<b>1,415,779</b>

	<i>31/12/2017</i>				
	<i>Less than 30 days</i>	<i>31 to 60 days</i>	<i>61 to 90 days</i>	<i>More than 91 days</i>	<i>Total</i>
<i>In thousand Armenian drams</i>					
Loans and advances to customers					
Manufacture	0	10,016	5,296	14,672	29,984
Agriculture	186	2,637	4,788	26,842	34,454
Construction	909	0	0	0	909
Trade	0	0	14,196	14,923	29,119
Transport and communication	0	0	0	12,014	12,014
Consumer loans to individuals	191,801	131,696	72,872	311,735	708,105
Mortgage	28,088	66,224	17,632	214,450	326,394

	31/12/2017				
	<i>Less than 30 days</i>	<i>31 to 60 days</i>	<i>61 to 90 days</i>	<i>More than 91 days</i>	<i>Total</i>
<i>In thousand Armenian drams</i>					
Services	0	0	0	0	0
Other sectors	0	0	0	4,195	4,195
<b>Total</b>	<b>220,984</b>	<b>210,573</b>	<b>114,784</b>	<b>598,831</b>	<b>1,145,174</b>

### Market risk

Market risk is the risk that the fair value or future cash flows of financial instruments will fluctuate due to changes in market variables such as interest rates and foreign exchange rates. The Bank classifies exposures to market risk into either trading or non-trading portfolios. The market risk for the trading portfolio is managed and monitored based on a VaR methodology which reflects the interdependency between risk variables. Non-trading positions are managed and monitored using other sensitivity analyses.

#### *Interest rate risk*

Interest rate risk arises from the possibility that changes in interest rates will affect future cash flows or the fair values of financial instruments. The Board of Directors has established limits on the interest rate gaps for stipulated periods. Positions are monitored on a daily basis.

The following table demonstrates the sensitivity to a reasonable possible change in interest rates, with all other variables held constant, of the Group's comprehensive income statement.

The sensitivity of the income statement is the effect of the assumed changes in interest rates on the net interest income for one year, based on the floating rate non-trading financial assets and financial liabilities held at 30 June 2018. The sensitivity of equity is calculated by revaluing fixed rate available-for-sale financial assets at 30 June 2018 for the effects of the assumed changes in interest rates. The sensitivity of equity is analysed by maturity of the asset. The total sensitivity of equity is based on the assumption that there are parallel shifts in the yield curve.

<i>In thousand Armenian drams</i>	<i>Increase basis points 30/06/2018</i>	<i>in Sensitivity of net interest income 30/06/2018</i>	<i>Sensitivity of equity 30/06/2018</i>
<b>Currency</b>			
AMD	1.6%	(52,134)	(832,024)
USD	1.3%	(5,713)	(165,492)

<i>In thousand Armenian drams</i>	<i>Decrease basis points 30/06/2018</i>	<i>in Sensitivity of net interest income 30/06/2018</i>	<i>Sensitivity of equity 30/06/2018</i>
<b>Currency</b>			
AMD	3.5%	114,042	1,820,052
USD	0.5%	2,197	63,651

<i>In thousand Armenian drams</i>	<i>Increase basis points 2017</i>	<i>in Sensitivity of net interest income 2017</i>	<i>Sensitivity of equity 2017</i>
<b>Currency</b>			
AMD	1.6%	(48,646)	(701,721)
USD	1.3%	-	(230,585)



<i>Currency</i>	<i>Decrease basis points 2017</i>	<i>in Sensitivity of net interest income 2017</i>	<i>Sensitivity of equity 2017</i>
AMD	3.5%	106,414	1,535,014
USD	0.5%	–	88,686

### Currency risk

Currency risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. The currency risk is managed using the standard and VaR methodologies. The Board of Directors has set limits on positions by currency.

The tables below indicate the currencies to which the Group had significant exposure at 30 June 2018 on its non-trading monetary assets and liabilities and its forecast cash flows. The analysis calculated the effect of a reasonably possible movement of the currency rate against the Armenian dram, with all other variables held constant on the income statement (due to the fair value of currency sensitive non-trading monetary assets and liabilities) and equity (due to the change in fair value of equity instruments). A negative amount in the table reflects a potential net reduction in income statement or equity, while a positive amount reflects a net potential increase.

### Currency risk (continued)

<i>Currency</i>	<i>As of June 30, 2018</i>		<i>As of December 31, 2017</i>	
	<i>Change in currency rate in %</i>	<i>Effect on profit before tax</i>	<i>Change in currency rate in %</i>	<i>Effect on profit before tax</i>
USD	3.5%	12,577	3.5%	(23,270)
USD	(3.5%)	(12,577)	(3.5%)	23,270
EUR	13.7%	(2,207)	13.7%	1,535
EUR	(6.3%)	1,015	(6.3%)	(706)

## 41. Risk management (continued)

### Liquidity risk

Liquidity risk is the risk that the Group will be unable to meet its payment obligations when they fall due under normal and stress circumstances. To limit this risk, management has arranged diversified funding sources in addition to its core deposit base, manages assets with liquidity in mind, and monitors future cash flows and liquidity on a daily bases. This incorporates an assessment of expected cash flows and the availability of high grade collateral which could be used to secure additional funding if required.

The Group maintains a portfolio of highly marketable and diverse assets that can be easily liquidated in the event of an unforeseen interruption of cash flow. In addition, the Group maintains an obligatory minimum reserve deposits with the Central Bank of Armenia equal to 2% of certain obligations of the Bank denominated in Armenian drams and 18% on certain obligations of the Bank denominated in foreign currency. See note 15. The liquidity position is assessed and managed under a variety of scenarios, giving due consideration to stress factors relating to both the market in general and specifically to the Bank.

The liquidity management of the Group requires considering the level of liquid assets necessary to settle obligations as they fall due; maintaining access to a range of funding sources; maintaining funding contingency plans and monitoring balance sheet liquidity ratios against regulatory requirements. The Bank calculates liquidity ratios in accordance with

the requirement of the Central Bank of Armenia.

<i>These ratios were as follows:</i>	<i>30/06/2018, %</i>	<i>31/12/2017, %</i>
N21- Total liquidity ratio (Highly liquid assets/ Total assets)	29.67%	35.26%
N22- Current liquidity ratio(Highly liquid assets /liabilities on demand)	103.09%	102.49%

*Analysis of financial liabilities by remaining contractual maturities.*

The table below summarizes the maturity profile of the Group's financial liabilities at 30 June 2018 based on contractual undiscounted repayment obligations. See note 41 for the expected maturities of these liabilities. Repayments which are subject to notice are treated as if notice were to be given immediately. However, the Group expects that many customers will not request repayment on the earliest date the Group could be required to pay and the table does not reflect the expected cash flows indicated by the Group's deposit retention history.

*In thousand Armenian  
drams*

	<i>30/06/2018</i>					
	<i>Demand and less than 1 month</i>	<i>From 1 to 3 months</i>	<i>From 3 to 12 months</i>	<i>From 1 to 5 years</i>	<i>More than 5 years</i>	<i>Total</i>
<b>Financial liabilities</b>						
Amounts due to banks	8,811,716	1,692,080	429,893	0	72,336	<b>11,006,025</b>
Derivative liabilities	34,656	0	0	0	0	<b>34,656</b>
Amounts due to customers	70,180,604	13,965,822	63,517,220	28,255,971	407,380	<b>176,326,997</b>
Other borrowed funds	230,033	248,902	3,129,897	11,288,806	4,837,655	<b>19,735,293</b>
Bonds issued by the Bank	0	52,500	3,552,883	11,472,522	0	<b>15,077,905</b>
Subordinated debt	0	192,478	200,645	7,287,645	0	<b>7,680,768</b>
<b>Total undiscounted financial liabilities</b>	<b>79,257,009</b>	<b>16,151,782</b>	<b>70,830,538</b>	<b>58,304,944</b>	<b>5,317,371</b>	<b>229,861,645</b>
<b>Commitments and contingent liabilities</b>	<b>12,855,450</b>	<b>976,628</b>	<b>2,859,216</b>	<b>801,234</b>	<b>0</b>	<b>17,492,528</b>

*In thousand Armenian  
drams*

	<i>31/12/2017</i>					
	<i>Demand and less than 1 month</i>	<i>From 1 to 3 months</i>	<i>From 3 to 12 months</i>	<i>From 1 to 5 years</i>	<i>More than 5 years</i>	<i>Total</i>
<b>Financial liabilities</b>						
Amounts due to banks	13,463,293	0	1,674,272	0	72,615	<b>15,210,180</b>
Derivative liabilities	0	0	0	0	68,857	<b>68,857</b>
Amounts due to customers	73,352,141	11,248,146	65,922,615	28,109,918	564,589	<b>179,197,409</b>
Other borrowed funds	132,553	227,335	1,689,991	10,212,515	3,980,126	<b>16,242,520</b>
Other financial	0	52,500	321,087	6,129,507	0	<b>6,503,094</b>

In thousand Armenian  
drams

31/12/2017

	<i>Demand and less than 1 month</i>	<i>From 1 to 3 months</i>	<i>From 3 to 12 months</i>	<i>From 1 to 5 years</i>	<i>More than 5 years</i>	<i>Total</i>
liabilities						
Subordinated debt	0	0	-3,214	0	7,907,774	<b>7,904,560</b>
<b>Total undiscounted financial liabilities</b>	<b>86,947,987</b>	<b>11,527,981</b>	<b>69,604,751</b>	<b>44,451,940</b>	<b>12,593,961</b>	<b>225,126,620</b>
<b>Commitments and contingent liabilities</b>	<b>10,352,506</b>	<b>360,101</b>	<b>1,791,053</b>	<b>1,035,959</b>		<b>13,539,605</b>

41. Risk management (continued)

#### Liquidity risk (continued)

The Group has received significant funds from its shareholder and its related parties. Any significant withdrawal of these funds would have an adverse impact on the operations of the Group. Management believes that this level of funding will remain with the Group for the foreseeable future and that in the event of withdrawal of funds, the Bank would be given sufficient notice so as to realise its liquid assets to enable repayment.

#### Operational risk

The primary responsibility for the development and implementation of controls to address operational risk is assigned to the Executive Board of the Group. Operational risk is the risk of incompatibility of the Group's operations and procedures to the legislation in force or their breach, the lack of information of the Group's staff and their errors, the losses from insufficiency of the functional properties of the information technologies and systems implemented by the Group. The Group's objective is to manage operational risk so as to balance the avoidance of financial losses and damage to the Group's reputation with overall cost effectiveness.

The operational risk management is conducted in a clear and documented manner for all the business processes described, through the internal legal acts regulating those business process, as well as limits for all the processes and operations, and double control mechanisms for all transactions. The more actual operational risk management is described below.

Legal risk: all the standard contract forms of the Group are prepared by the Group's Legal Department by cooperating with the Group's appropriate departments and are approved by the Group's Executive Board. In the Group's day-to-day operations non-standard contracts between the Group and third parties are allowed only in case of appropriate conclusion from the Group's Legal Department.

The IT risks are managed in accordance with internal legal acts.

The risk mitigation mechanisms for the process are:

- ▶ Regulation of all business processes by internal legal acts,
  - ▶ Physical protection of the Bank's assets and critical documents (including loan contracts)
  - ▶ Establishing and maintaining limits,
  - ▶ Common preservation of property and records,
  - ▶ Implementation and archiving of data journals,
- Implementation of double control mechanism in recording transactions.

## Operational risk (continued)

The internal audit periodically assesses the internal control system effectiveness and adequacy with the Group's risks and supervises the Group's activity and operational risks.

The Group's correspondence with the standards is accompanied by the internal auditor's periodic observations. The results of those observations are discussed by the Group's management's appropriate representative to whom it concerns. The summaries of the observations are submitted to the Board.

### 4.2. Segment information

For management purposes, the Group is organised into three operating segments based on products and services.

Retail banking- Handling individual customers' deposits, and providing consumer loans, overdrafts, credit cards facilities and small and micro loans.

Corporate banking- Handling loans and other credit facilities and deposit and current accounts for corporate and institutional customers.

Trading and investment banking-Treasury and finance, investment banking, leasing and other central functions.

Management monitors the operating results of its business units separately for the purpose of making decisions about resource allocation and performance assessment.

In banks operating segments are included operating assets and liabilities, which are the most part of the Group's assets and liabilities.

No revenue from transactions with a single external customer or counterparty amounted to 10% or more of the Group's total revenue in 2018 and 2017.

The following table present information regarding the Group's operating segments as of 30.06.2018

*In thousand Armenian drams*

	Retail banking operations	Corporate banking operations	Trading and investing banking activity	Total
Net interest income	3,213,652	1,242,725	873,011	5,329,388
Net non-interest income	1,032,580	501,225	413,071	1,946,876
Operating profit	4,246,232	1,743,950	1,286,082	7,276,264
Impairment losses	(226,915)	(400,630)	8985	(618,560)
Depreciation and amortization	(119,612)	(164,567)	(33,780)	(317,959)
Staff expenses	(1,033,832)	(984,957)	(317,776)	(2,336,565)
Other admin. expenses	(529,161)	(720,645)	(241,229)	(1,491,035)
<b>Segment profit</b>	<b>2,336,712</b>	<b>(526,849)</b>	<b>702,282</b>	<b>2,512,145</b>
Income tax expense	(327,911)	(73,933)	(98,551)	(500,395)
<b>Profit for the period</b>	<b>2,008,801</b>	<b>(600,782)</b>	<b>603,731</b>	<b>2,011,746</b>

*In thousand Armenian drams*

Retail banking operations	Corporate banking operations	Trading and investing banking activity	Total
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Interest bearing fin. assets	76,087,813	93,813,403	35,289,211	205,190,427
Interest bearing fin. liabilities	77,875,273	98,938,540	39,811,748	216,625,561

Interest bearing assets include financial assets through profit and loss, investments available for sale, loans to banks, loans and advances to customers, securities pledged under repurchase agreements, receivables from letters of credit, receivables from finance leases and receivables from factoring.

Interest bearing financial liabilities include deposit and balances from banks, current accounts and deposits from customers, bonds issued by the bank, subordinated and other borrowings.

The following table present information regarding the Group's operating segments as of 31.12.17

*In thousand Armenian drams*

	Retail banking operations	Corporate banking operations	Trading and investing banking activity	Total
Net interest income	5,056,917	2,662,091	1,621,176	9,340,184
Net non-interest income	2,549,251	1,353,306	271,142	4,173,699
Operating profit	7,606,168	4,015,397	1,892,318	13,513,883
Impairment losses	(435,068)	(835,884)	–	(1,270,952)
Depreciation and amortization	(327,009)	(411,214)	(34,596)	(772,819)
Staff expenses	(2,272,008)	(1,512,178)	(514,603)	(4,298,789)
Other admin. expenses	(970,814)	(1,459,170)	(385,455)	(2,815,439)
<b>Segment profit</b>	<b>3,601,269</b>	<b>(203,049)</b>	<b>957,664</b>	<b>4,355,884</b>
Income tax expense	(604,881)	(34,105)	(160,852)	(799,838)
<b>Profit for the period</b>	<b>2,996,388</b>	<b>(237,154)</b>	<b>796,812</b>	<b>3,556,046</b>

*In thousand Armenian drams*

	Retail banking operations	Corporate banking operations	Trading and investing banking activity	Total
Interest bearing fin. assets	70,521,233	94,646,267	37,548,156	202,715,656
Interest bearing fin. liabilities	76,763,097	103,005,465	33,833,643	213,602,205

#### 43. Capital adequacy

The Group maintains an actively managed capital base to cover risks inherent in the business. The adequacy of the Group's capital is monitored using, among other measures, the rules and ratios established by the Basel Committee on Banking Supervision ("BIS rules/ratios") and adopted by the Central Bank of Armenia in supervising the Bank. The primary objectives of the Bank's capital management are to ensure that the Bank complies with externally imposed capital requirements and that the Bank maintains strong credit ratings and healthy capital ratios in order to support its business and to maximise shareholders' value.

The Group manages its capital structure and makes adjustments to it in the light of changes in economic conditions and the risk characteristics of its activities. In order to maintain or adjust the capital structure, the Group may adjust the amount of dividend payment to shareholders, return capital to shareholders or issue capital securities. No changes were made in the objectives, policies and processes from the previous years.

The minimum ratio between total capital and risk weighted assets required by the Central Bank of Armenia is 12%. Regulatory capital consists of Tier 1 capital, which comprises share capital, share premium, retained earnings including current year profit, and general reserve. Regulatory capital is calculated in accordance with the requirements of the Central Bank of Armenia and accounting standards of the Republic of Armenia. The other component of regulatory capital is Tier 2 capital, which includes revaluation reserves.

As of 30 June 2018 and 31 December 2017 the amount of regulatory capital, risk weighted assets and capital adequacy ratio calculated in accordance with the requirements of Central Bank of Armenia are provided below.

In thousand Armenian drams	30/06/2018	31/12/2017
Tier 1 capital	27,165,504	24,722,195
Tier 2 capital	10,036,519	11,307,397
<b>Total regulatory capital</b>	<b>37,202,023</b>	<b>36,029,592</b>
<b>Risk-weighted assets</b>	<b>240,573,550</b>	<b>212,464,854</b>
<b>Capital adequacy ratio</b>	<b>15.46%</b>	<b>16.96%</b>

The risk-weighted assets are measured by means of a hierarchy of risk weights classified according to the nature of and reflecting an estimate of credit, market and operating risks.

The Bank has complied with externally imposed capital requirements through the period.

Starting from 1 January 2017 minimum Total Capital requirement for Banks is over AMD 30,000,000.