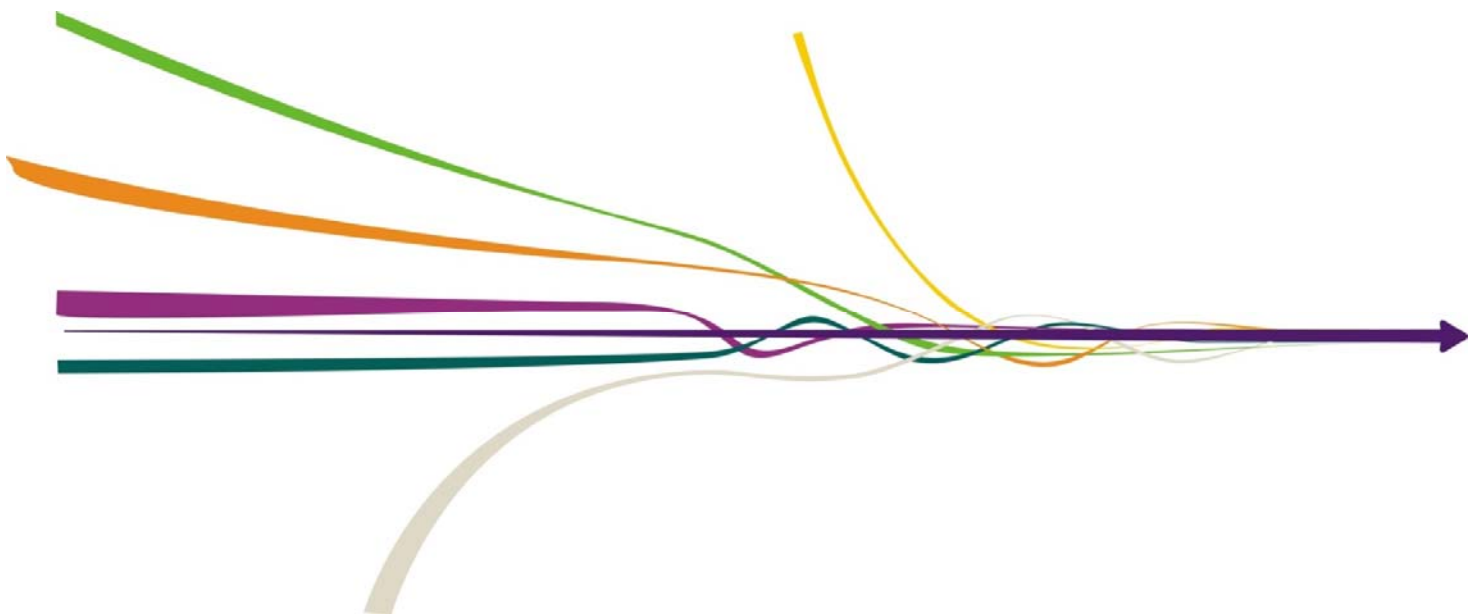


Financial Statements and Independent Auditor's
Report

“ARMSWISSBANK” CLOSED JOINT STOCK
COMPANY

31 December 2016



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Independent auditor's report

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To the Shareholders of “ARMSWISSBANK” CLOSED JOINT STOCK COMPANY:

Opinion

We have audited the financial statements of “ARMSWISSBANK” CLOSED JOINT STOCK COMPANY (the “Bank”), which comprise the statement of financial position as at 31 December 2016, and the statement of profit or loss and other comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Bank as at 31 December 2016, and of its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (“IFRSs”).

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (“ISAs”). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Bank in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (the “IESBA Code”) together with the ethical requirements that are relevant to our audit of the financial statements in the Republic of Armenia, and we have fulfilled our other ethical responsibilities in accordance with those ethical requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with IFRSs, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using

the going concern basis of accounting unless management either intends to liquidate the Bank or to cease operations, or has no realistic alternative but to do so.

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

Auditor's Responsibilities for the Audit of the Financial Statements

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

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

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Bank to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

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

Gagik Gyulbudaghyan

Managing Partner

10 March 2017



Vahagn Payan

Auditor



A handwritten signature in blue ink, likely belonging to Vahagn Payan, the Auditor.

Statement of profit or loss and other comprehensive income

In thousand Armenian drams	Notes	Year ended 31 December 2016	Year ended 31 December 2015
Interest and similar income	6	10,155,967	8,564,225
Interest and similar expense	6	(5,154,854)	(4,925,395)
Net interest income		5,001,113	3,638,830
Fee and commission income	7	172,230	136,460
Fee and commission expense	7	(67,119)	(54,729)
Net fee and commission income		105,111	81,731
Net trading income	8	16,129	243,138
Gains less losses on investments available for sale		190,182	122,759
Other income	9	330,851	124,521
Impairment charge	16	(161,270)	(708,671)
Staff costs	10	(913,803)	(785,140)
Depreciation of property and equipment	18	(105,391)	(57,377)
Amortization of intangible assets	19	(8,858)	(8,435)
Other expenses	11	(364,413)	(394,585)
Profit before income tax		4,089,651	2,256,771
Income tax expense	12	(805,671)	(393,458)
Profit for the year		3,283,980	1,863,313
Other comprehensive income:			
<i>Items that will not be reclassified subsequently to profit or loss</i>			
Revaluation of property, plant and equipment		1,387,637	-
Income tax relating to items that will not be reclassified		(277,527)	-
		1,110,110	-
<i>Items that will be reclassified subsequently to profit or loss</i>			
Net unrealized gain/(loss) from changes in fair value from available-for-sale financial assets		7,697,786	(1,517,057)
Net gains realized to statement of profit or loss and other comprehensive income on disposal of available-for-sale instruments		(128,978)	(173,551)
Income tax relating to items that will be reclassified		(1,513,762)	338,125
		6,055,046	(1,352,483)
Other comprehensive income for the year, net of tax		7,165,156	(1,352,483)
Total comprehensive income for the year		10,449,136	510,830

The accompanying notes on pages 8 to 58 are an integral part of these financial statements.

Statement of financial position

In thousand Armenian drams	Notes	As at 31 December 2016	As at 31 December 2015
ASSETS			
Cash and cash equivalents	13	19,010,509	13,709,860
Amounts due from financial institutions	14	680,112	1,908,220
Derivative financial assets	15	32,675	3,136
Loans and advances to customers	16	46,077,225	37,460,152
Investments available for sale	17	46,035,389	19,879,216
Securities pledged under repurchase agreements	28	14,729,651	10,060,292
Property, plant and equipment	18	2,074,366	743,939
Intangible assets	19	59,502	30,978
Repossessed assets	20	1,158,875	537,501
Prepayments on income tax		-	63,484
Deferred tax asset	12	-	646,838
Other assets	21	394,831	217,644
TOTAL ASSETS		130,253,135	85,261,260
LIABILITIES AND EQUITY			
Liabilities			
Amounts due to CBA	22	16,056,369	11,068,370
Derivative financial liabilities	15	156,817	-
Amounts due to other financial institutions	23	14,525,551	10,155,940
Amounts due to customers	24	50,699,979	38,283,282
Debt securities issued	25	4,916,406	4,914,476
Subordinate debt	26	13,406,511	2,419,545
Current income tax liabilities		415,070	-
Deferred tax liability	12	1,150,122	-
Other liabilities	27	235,088	177,561
Total liabilities		101,561,913	67,019,174
Equity			
Share capital	29	8,752,800	8,752,800
Share premium		1,347,241	1,347,241
Statutory general reserve		2,500,000	2,500,000
Other reserves		4,576,618	(2,588,538)
Retained earnings		11,514,563	8,230,583
Total equity		28,691,222	18,242,086
TOTAL LIABILITIES AND EQUITY		130,253,135	85,261,260

The financial statements from pages 4 to 58 were signed by the Bank's Executive Director and Chief Accountant on 10 March 2017.

Gevorg MACHANYAN
 Executive Director



Sedrak BAGHDASARYAN
 Chief Accountant

The accompanying notes on pages 8 to 58 are an integral part of these financial statements.

Statement of changes in equity

In thousand Armenian drams

	Share capital	Share premium	Statutory general reserve	Revaluation reserve of securities available for sale	Revaluation of property, plant and equipment	Retained earnings	Total
Balance as at January 01, 2015	8,752,800	1,347,241	2,500,000	(1,236,055)	-	6,367,270	17,731,256
Profit for the year	-	-	-	-	-	1,863,313	1,863,313
Other comprehensive income:							
Net unrealized loss from changes in fair value	-	-	-	(1,517,057)	-	-	(1,517,057)
Net gains realized to statement of profit or loss and other comprehensive income on disposal of available-for-sale instruments	-	-	-	(173,551)	-	-	(173,551)
Income tax relating to components of other comprehensive income	-	-	-	338,125	-	-	338,125
Total comprehensive income for the year	-	-	-	(1,352,483)	-	1,863,313	510,830
Balance as at 31 December 2015	8,752,800	1,347,241	2,500,000	(2,588,538)	-	8,230,583	18,242,086
Profit for the year	-	-	-	-	-	3,283,980	3,283,980
Other comprehensive income:							
Revaluation of property, plant and equipment	-	-	-	-	1,387,637	-	1,387,637
Net unrealized gain from changes in fair value	-	-	-	7,697,786	-	-	7,697,786
Net gains realized to statement of profit or loss and other comprehensive income on disposal of available-for-sale instruments	-	-	-	(128,978)	-	-	(128,978)
Income tax relating to components of other comprehensive income	-	-	-	(1,513,762)	(277,527)	-	(1,791,289)
Total comprehensive income for the year	-	-	-	6,055,046	1,110,110	3,283,980	10,449,136
Balance as at 31 December 2016	8,752,800	1,347,241	2,500,000	3,466,508	1,110,110	11,514,563	28,691,222

The accompanying notes on pages 8 to 58 are an integral part of these financial statements.

Statement of cash flows

In thousand Armenian drams	Year ended 31 December 2016	Year ended 31 December 2015
Cash flows from operating activities		
Profit before tax	4,089,651	2,256,771
<i>Adjustments for</i>		
Impairment charge for credit losses	161,270	708,671
Amortization and depreciation allowances	114,249	65,812
Loss from sale of PPE	-	(1,239)
Interests receivable	(559,159)	(112,767)
Interests payable	169,616	96,832
Foreign currency translation net (gain)/loss of non-trading assets and liabilities	(213,304)	89,370
Net (gain)/loss from changes in fair value of trading instruments	127,278	(106,949)
Cash flows from operating activities before changes in operating assets and liabilities	3,889,601	2,996,501
<i>(Increase)/decrease in operating assets</i>		
Amounts due from financial institutions	1,219,439	(1,082,327)
Loans and advances to customers	(9,222,964)	(675,401)
Other assets	(173,487)	70,617
<i>Increase/(decrease) in operating liabilities</i>		
Repurchase agreements with the CBA	4,432,197	(14,115,725)
Amounts due to financial institutions	2,603,396	624,287
Amounts due to customers	12,541,813	3,376,459
Other liabilities	70,394	(12,077)
Net cash flow from / (used in) operating activities before income tax	15,360,389	(8,817,666)
Income tax paid	(321,446)	(709,705)
Net cash from / (used in) operating activities	15,038,943	(9,527,371)
Cash flows from investing activities		
Purchase of investment securities	(22,734,199)	(1,731,304)
Purchase of property, plant and equipment	(48,181)	(66,954)
Purchase of intangible assets	(37,480)	(9,704)
Net cash used in investing activities	(22,819,860)	(1,807,962)
Cash flow from financing activities		
Loans received from the CBA	539,777	902,185
Loans received from other financial institutions	1,723,667	2,377,536
Other long term loans redeemed	(24,838)	(66,496)
Net increase of debt securities	336	4,808,666
Subordinate debt received	10,864,492	2,424,039
Net cash from financing activities	13,103,434	10,445,930
Net increase/(decrease) in cash and cash equivalents	5,322,517	(889,403)
Cash and cash equivalents at the beginning of the year	13,709,860	14,639,454
Exchange differences on cash and cash equivalents	(21,868)	(40,191)
Cash and cash equivalents at the end of the year (Note 13)	19,010,509	13,709,860

Supplementary information:

Interest received	9,596,808	8,451,458
Interest paid	(5,324,470)	(5,022,227)

The accompanying notes on pages 8 to 58 are an integral part of these financial statements.

Accompanying notes to the financial statements

1 Principal activities

ARMSWISSBANK CLOSED JOINT STOCK COMPANY (the “Bank”), incorporated in the Republic of Armenia (RA) in 2004, is a closed joint stock company regulated by the legislation of RA. The Bank conducts its business under license number 84, granted on 07 October 2004 by the Central Bank of Armenia (the “CBA”).

The Bank is a member of RA state system of individuals deposit guarantee and RA Union of Banks.

The Bank’s main activities include provision of corporate, investment and private banking services – investments in financial instruments, accepting deposits from physical and legal entities, provision of other service in the field of finance and banking (lending and factoring).

The head office of the Bank is located in Yerevan. The registered office of the Bank is located at: 10 V. Sargsyan str., Yerevan, 0010, RA.

2 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.

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

3 Basis of preparation

3.1 Statement of compliance

The financial statements of the Bank 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”).

The Bank prepares statements for regulatory purposes in accordance with legislative requirements of the Republic of Armenia. These financial statements are based on the Bank’s books and records as adjusted and reclassified in order to comply with IFRS.

3.2 Basis of measurement

The 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 buildings, which are stated at revalued amount.

3.3 Functional and presentation currency

Functional currency of the Bank is the currency of the primary economic environment in which the Bank operates. The Bank’s functional currency and the Bank’s presentation currency is Armenian Drams (“AMD”), since this currency best reflects the economic substance of the underlying events and transactions of the Bank. The financial statements are presented in thousands of AMD, unless otherwise stated, which is not convertible outside Armenia.

3.4 Changes in accounting policies

The Bank applied for the first time certain standards and amendments, which are effective for annual periods beginning on or after 1 January 2016. The Bank has not early adopted any other standard, interpretation or amendment that has been issued but is not yet effective. Although the new standards and amendments described below and applied for the first time in 2016, did not have a material impact on the annual financial statements of the Bank.

- *Defined Benefit Plans: Employee Contributions (Amendments to IAS 19).*
- *Disclosure Initiative (Amendments to IAS 1)*
- *Clarification of Acceptable Methods of Depreciation and Amortisation (Amendments to IAS 16 and IAS 38)*
- *IFRS 14 Regulatory Deferral Accounts.*
- *Annual Improvements to IFRSs 2012–2014 Cycle.*

Accounting for Property, Plant and Equipment

In 2016 the Bank has made a change in its accounting policy according to which revaluation model is applied for the accounting of land and buildings instead of the previously applied cost model. Management believes that the new accounting policy allows providing more relevant information.

3.5 Standards and interpretations not yet applied by the Bank

At the date of authorization of these financial statements, certain new standards, amendments and interpretations to the existing Standards have been published but are not yet effective. The Bank has not early adopted any of these pronouncements.

Management anticipates that all of the pronouncements will be adopted in the Bank’s accounting policy for the first period beginning after the effective date of the pronouncement.

Management does not anticipate a material impact on the Bank’s financial statements from these Amendments, they are presented below.

Amendments to IAS 12 *Income Taxes*

The IASB has issued *Recognition of Deferred Tax Assets for Unrealised Losses*, which makes narrow-scope amendments to IAS 12 *Income Taxes*. The focus of these amendments is to clarify how to account for deferred tax assets related to debt instruments measured at fair value, particularly where changes in the market interest rate decrease the fair value of a debt instrument below cost.

These amendments clarify the following aspects:

- unrealized losses on debt instruments measured at fair value and measured at cost for tax purposes give rise to a deductible temporary difference regardless of whether the debt

instrument's holder expects to recover the carrying amount of the debt instrument by sale or by use;

- the carrying amount of an asset does not limit the estimation of probable future taxable profits;
- estimates for future taxable profits exclude tax deductions resulting from the reversal of deductible temporary differences;
- an entity should consider whether tax law restricts the sources of taxable profits against which it may make deductions on the reversal of the deductible temporary difference. If tax law imposes no such restrictions, an entity assesses a deductible temporary difference in combination with all of its other deductible temporary differences.

The Amendments are effective for annual periods beginning on or after January 1, 2017 and are required to be applied retrospectively. Management does not anticipate a material impact on the Bank's financial statements from these Amendments.

IFRS 9 Financial Instruments (2014)

The IASB recently released IFRS 9 Financial Instruments (2014), representing the completion of its project to replace IAS 39 Financial Instruments: Recognition and Measurement. The new standard introduces extensive changes to IAS 39's guidance on the classification and measurement of financial assets and introduces a new 'expected credit loss' model for the impairment of financial assets. IFRS 9 also provides new guidance on the application of hedge accounting.

The Bank's management have yet to assess the impact of IFRS 9 on these financial statements. The new standard is required to be applied for annual reporting periods beginning on or after 1 January 2018.

IFRS 15 Revenue from Contracts with Customers

IFRS 15 presents new requirements for the recognition of revenue, replacing IAS 18 Revenue, IAS 11 Construction Contracts, and several revenue-related Interpretations. The new standard establishes a control-based revenue recognition model and provides additional guidance in many areas not covered in detail under existing IFRSs, including how to account for arrangements with multiple performance obligations, variable pricing, customer refund rights, supplier repurchase options, and other common complexities.

IFRS 15 is effective for reporting periods beginning on or after 1 January 2017. The Bank's management have not yet assessed the impact of IFRS 15 on these financial statements.

IFRS 16 Leases

IFRS 16 presents new requirements and amendments to the accounting of leases. IFRS 16 will require lessees to account for leases 'on-balance sheet' by recognizing a 'right-of-use' asset and a lease liability.

IFRS 16 also:

- changes the definition of a lease;
- sets requirements on how to account for the asset and liability, including complexities such as non-lease elements, variable lease payments and option periods;

- provides exemptions for short-term leases and leases of low value assets;
- changes the accounting for sale and leaseback arrangements;
- largely retains IAS 17’s approach to lessor accounting;
- introduces new disclosure requirements.

IFRS 16 is effective for annual periods beginning on or after 1 January 2019. Early application is permitted provided IFRS 15 Revenue from Contracts with Customers is also applied. The Bank’s management has not yet assessed the impact of IFRS 16 on these financial statements.

4 Summary of significant accounting policies

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

4.1 Recognition of income and expenses

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Bank 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 Bank and the expense can be reliably measured. The following specific criteria must also be met before revenue and expense are 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 statement of profit or loss and other 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 and expenses

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 Bank’s right to receive the payment is established. According to the Tax Legislation of Republic of Armenia dividend income is non-taxable.

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.

4.2 Foreign currency translation

Transactions in foreign currencies are initially recorded in the functional currency rate ruling at the date of the transactions. Gains and losses resulting from the recalculation of trading assets and liabilities are recognized in the statement of profit or loss and other comprehensive income in net trading income, while gains less losses resulting from recalculation of non-trading assets are recognized in the statement of profit or loss and other comprehensive income in other income or other expense. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency rate of exchange ruling at the balance sheet date.

Changes in the fair value of monetary securities denominated in foreign currency classified as available for sale are analyzed between translation differences resulting from changes in the amortized cost of the security and other changes in the carrying amount of the security. Translation differences related to changes in the amortized cost are recognized in profit or loss, and other changes in the carrying amount are recognized in equity.

Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as the dates of the initial transactions. 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. Translation differences on non-monetary items, such as equities held at fair value through profit or loss, are reported as part of the fair value gain or loss. Translation differences on non-monetary items, such as equities classified as available-for-sale financial assets, are included in the fair value reserve in equity.

Differences between the contractual exchange rate of a certain transaction and the prevailing average exchange rate on the date of the transaction are included in gains less losses from trading in foreign currencies in net trading income.

The exchange rates at year-end used by the Bank in the preparation of the financial statements are as follows:

	31 December 2016	31 December 2015
AMD/1 US Dollar	483.94	483.75
AMD/1 Euro	512.20	528.69

4.3 Taxation

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

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.

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

4.4 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), and amounts due from other banks, 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.

4.5 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 statement of financial position.

Changes in the bid prices are recorded in operations with precious metals in “Other income”.

4.6 Amounts due from financial institutions

In the normal course of business, the Bank 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 financial institutions are carried net of any allowance for impairment losses.

4.7 Financial instruments

The Bank recognizes financial assets and liabilities on its statement of financial position when it becomes a party to the contractual obligation of the instrument. Regular way purchases and sales of financial assets and liabilities are recognised using settlement date accounting. Regular way purchases of financial instruments that will be subsequently measured at fair value between trade date and settlement date are accounted for in the same way as for acquired instruments.

When financial assets and liabilities are recognised initially, they are measured at fair value, plus, in the case of investments not at fair value through profit or loss, directly attributable transaction costs.

After initial recognition all financial liabilities, other than liabilities at fair value through profit or loss (including held for trading) are measured at amortized cost using effective interest method. After initial recognition financial liabilities at fair value through profit or loss are measured at fair value.

The Bank classified its financial assets into the following categories:

- financial instruments at fair value through profit or loss,
- held-to-maturity investments
- loans and receivables,
- available-for-sale financial assets.

The classification of investments between the categories is determined at acquisition based on the guidelines established by the management. The Bank determines the classification of its financial assets after initial recognition and, where allowed and appropriate, re-evaluates this designation at each financial year-end.

Financial assets at fair value through profit or loss

This category has two subcategories: financial assets held for trading and those designated at fair value through profit or loss. A financial asset is classified in this category if acquired for the purpose of selling in the short-term or if so designated by management from the initial acquisition of that asset.

In the normal course of business, the Bank enters into various derivative financial instruments including futures, forwards, swaps and options in the foreign exchange and capital markets. Such financial instruments are held for trading and are initially recognized in accordance with the policy for initial recognition of financial instruments and are subsequently measured at fair value. The fair values are estimated based on quoted market prices or pricing models that take into account the current market and contractual prices of the underlying instruments and other factors. Derivatives are carried as assets when their fair value is positive and as liabilities when it is negative.

To the extent that the hedge is effective, changes in the fair value of derivatives designated as hedging instruments in cash flow hedges are recognised in other comprehensive income and included within the cash flow hedge reserve in equity. Any ineffectiveness in the hedge relationship is recognised immediately in profit or loss.

At the time the hedged item affects profit or loss, any gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss and presented as a reclassification adjustment within other comprehensive income. However, if a non-financial asset or liability is recognised as a result of the hedged transaction, the gains and losses previously recognised in other comprehensive income are included in the initial measurement of the hedged item.

Derivative instruments embedded in other financial instruments are treated as separate derivatives if their risks and characteristics are not closely related to those of the host contracts and the host contracts are not carried at fair value with unrealized gains and losses reported in income. An embedded derivative is a component of a hybrid (combined) financial instrument that includes both the derivative and a host contract with the effect that some of the cash flows of the combined instrument vary in a similar way to a stand-alone derivative.

Financial assets and financial liabilities are designated at fair value through profit or loss when:

- Doing so significantly reduces measurement inconsistencies that would arise if the related derivatives were treated as held for trading and the underlying financial instruments were carried at amortised cost for such as loans and advances to customers or banks and debt securities in issue;
- Certain investments, such as equity investments, that are managed and evaluated on a fair value basis in accordance with a documented risk management or investment strategy and reported to key management personnel on that basis are designated at fair value through profit and loss; and
- Financial instruments, such as debt securities held, containing one or more embedded derivatives significantly modify the cash flows, are designated at fair value through profit and loss.

Derivatives are also classified as held for trading unless they are designated as effective hedging instruments. Gains or losses on financial assets held for trading are recognised in the statement of profit or loss and other comprehensive income.

Held-to-maturity investments

Held-to-maturity investments are financial assets with fixed or determinable payments and fixed maturities that the Bank's management has the positive intention and ability to hold to maturity. Were the Bank to sell other than insignificant amount of held-to-maturity assets not close to their maturity, the entire category would be reclassified as available-for-sale. Held-to-maturity investments are carried at amortized cost using the effective interest rate method, less any allowance for impairment.

Loans and receivables

Loans and receivables are financial assets with fixed or determinable payments, which arise when the Bank provides money directly to a debtor with no intention of trading the receivable.

Loans granted by the Bank with fixed maturities are initially recognized at fair value plus related transaction costs. Where the fair value of consideration given does not equal the fair value of the loan, for example where the loan is issued at lower than market rates, the difference between the fair value of consideration given and the fair value of the loan is recognized as a loss on initial recognition of the loan and included in the statement of profit or loss and other comprehensive income. Subsequently, the loan carrying value is measured using the effective interest method. Loans to customers that do not have fixed maturities are accounted for under the effective interest method based on expected maturity. Loans to customers are carried net of any allowance for impairment losses.

Available-for-sale financial assets

Assets available for sale represent debt and equity investments that are intended to be held for an indefinite period of time, which may be sold in response to needs for liquidity or changes in interest rates, exchange rates or equity prices. After initial recognition available-for sale financial assets are measured at fair value with gains or losses being recognised as a separate component of other comprehensive income until the investment is derecognised or until the investment is determined to be impaired at which time the cumulative gain or loss previously reported in equity is included in the statement of profit or loss and other comprehensive income. However, interest calculated using the effective interest method is recognised in the statement of profit or loss and other comprehensive income. Dividends on available-for-sale equity instruments are recognised in profit or loss when the Bank's right to receive payment is established.

The fair value of investments that are actively traded in organised financial markets is determined by reference to quoted market bid prices at the close of business on the balance sheet date. For

investments where there is no active market, fair value is determined using valuation techniques. Such techniques include using recent arm's length market transactions, reference to the current market value of another instrument, which is substantially the same and discounted cash flow analysis. Otherwise the investments are stated at cost less any allowance for impairment.

4.8 Impairment of financial assets

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

Assets carried at amortized cost

A financial asset or a group of financial assets is impaired and impairment losses are incurred only if there is objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the asset (“loss event”) and that loss event (or events) has an impact on the estimated future cash flows of the financial asset or group of financial assets that can be reliably estimated.

Criteria used to determine that there is objective evidence of an impairment loss may include indications that the borrower or a group of borrowers is experiencing significant financial difficulty (for example, equity ratio, net income percentage of sales), default or delinquency in interest or principal payments, breach of loan covenants or conditions, deterioration in the value of collateral, the probability that they will enter bankruptcy or other financial reorganization and where observable data indicate that there is a measurable decrease in the estimated future cash flows, such as changes in arrears or economic conditions that correlate with defaults.

The Bank 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 statement of profit or loss and other 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 Bank 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 Bank’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 Bank 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 realized or has been transferred to the Bank. 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.

Impairment allowances of financial assets have been established in the financial statements on the basis of existing economic conditions. Bank is not able to predict how conditions may change in Armenia, and what impact these changes may have on the adequacy of the impairment allowance of financial assets in future periods.

Renegotiated loans

Where possible, the Bank seeks to restructure loans rather than to take possession of collateral. This may involve extending the payment arrangements and the agreement of new loan conditions. Once the terms have been renegotiated, the loan is no longer considered past due. Management continuously reviews renegotiated loans to ensure that all criteria are met and that future payments are likely to occur. The loans continue to be subject to an individual or collective impairment assessment, calculated using the loan’s original effective interest rate.

Available-for-sale financial assets

If an available-for-sale asset is impaired, an amount comprising the difference between its cost (net of any principal payment and amortisation) and its current fair value, less any impairment loss previously recognised in the comprehensive statement on income, is transferred from equity to the statement of profit or loss and other comprehensive income.

Reversals in respect of equity instruments classified as available-for-sale are not recognised in the statement of profit or loss and other comprehensive income. Reversals of impairment losses on debt instruments are reversed through the statement of profit or loss and other comprehensive income if the increase in fair value of the instrument can be objectively related to an event occurring after the impairment loss was recognised in profit or loss.

4.9 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 Bank 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 Bank 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 Bank 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 Bank’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 Bank 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 Bank’s continuing involvement is the amount of the transferred asset that the Bank 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 Bank’s continuing involvement is limited to the lower of the fair value of the transferred asset and the option exercise price.

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 statement of profit or loss and other comprehensive income.

4.10 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 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 financial institutions or customers.

Securities purchased under agreements to resell (“reverse repo”) are recorded as amounts due from financial institutions or loans and advances to customers as appropriate and are not recognized in the 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.

4.11 Leases

Operating - Bank as lessee

Leases of assets under which the risks and rewards of ownership are effectively retained by the lessor are classified as operating leases. Lease payments under an operating lease are recognised as expenses on a straight-line basis over the lease term and included in other operating expenses.

4.12 Property, plant and equipment

Property, plant and equipment (“PPE”) are recorded at historical cost less accumulated depreciation. 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.

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

	Useful life (years)	Rate (%)
Buildings	30	3.3
Computers	4	25
Vehicles	5	20
Office inventory	5	20
Other fixed assets	2-5	33.33-20

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 statement of profit or loss and 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.

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 statement of income, in which case the increase is recognised in the statement of income. A

revaluation deficit is recognised in the statement of 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.

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.

4.13 Intangible assets

Intangible assets include computer software and licenses.

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 over the useful economic lives of 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.

4.14 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.

4.15 Borrowings

Borrowings, which include amounts due to the Central Bank, amounts due to financial institutions, amounts due to international financial institutions, debt securities issued, amounts due to customers 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 statement of profit or loss and other comprehensive income when the liabilities are derecognised as well as through the amortisation process.

4.16 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 financial statements at fair value, in “Other liabilities”, being the premium received. Following initial recognition, the Bank’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.

4.17 Provisions

Provisions are recognised when the Bank 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.

4.18 Equity

Share capital

Ordinary shares are 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 or declared after the balance sheet date but before the financial statements are authorised for issue.

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.

4.19 Offsetting

Financial assets and liabilities, and income and expenses, are offset and the net amount reported in the statement of financial position 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 Bank's trading activity.

4.20 Segment reporting

An operating segment is a component of the Bank that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Bank's other components. In identifying its operating segments, management generally distinguishes components of the Bank that is engaged in providing products or services (business segment) and for which discrete financial information is available. All operating segments' operating results are reviewed regularly by the Bank's CEO to make decisions about resources to be allocated to the segment and assess its performance. Geographical segments of the Bank have been reported separately within these financial statements based on the ultimate domicile of the counterparty, e.g. based on economic risk rather than legal risk of the counterparty.

5 Critical accounting estimates and judgements

The preparation of 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 value

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 (refer to Note 32).

Classification of investment securities

Securities owned by the Bank comprise Armenian state and corporate bonds and corporate shares. Upon initial recognition, the Bank designates securities as available-for-sale financials assets with recognition of changes in fair value through equity.

Useful life of PPE

Useful life evaluation of PPE is the result of judgement, based on the experience with similar assets. Future economic benefits are embodied in assets and mainly consumed along with usage. However, such factors as operational, technical or commercial depreciation often lead to decrease of asset’s economic benefit. Management evaluates the remaining useful life according to the asset’s current technical condition and estimated period, during which the Bank expects to receive benefits. For the evaluation of remaining useful life are considered the following main factors: expectable usage of assets, depending on the operational factors and maintenance program, that is depreciation and technical and commercial depreciation arising from the changes in the market conditions.

Derivatives

The fair values of financial derivatives that are not quoted in active markets are determined by using valuation techniques. Valuation of financial derivatives is applied to single currency interest rate swap transactions, cross currency interest swap transactions and foreign exchange forward contracts. The fair value of these transactions is determined as the difference between the present value of fixed receivable and the present value of floating obligation or vice versa. The present value of floating obligation is determined using discount factors derived from the zero coupon curve. Where valuation techniques (for example, models) are used to determine fair values, they are validated and periodically reviewed by qualified personnel independent of the area that created them. To the extent practical, models use only observable data, however areas such as credit risk (both own and counterparty), volatilities and correlations require Management to make estimates. Changes in assumptions about these factors could affect reported fair values. Any over or under estimation of these future cash flows could require a material adjustment to the carrying value of these derivatives.

Related party transactions

In the normal course of business the Bank 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 (refer to note 31).

Impairment of loans and receivables

The Bank reviews its problem loans and advances at each reporting date to assess whether there are objective criteria of impairment. In particular, judgement by management is required in the estimation of the amount and timing of future cash flows when determining the level of allowance required. Such estimates are based on assumptions about a number of factors and actual results may differ, resulting in future changes to the allowance.

In addition to specific allowances against individually significant loans and advances, the Bank also makes a collective impairment allowance against exposures which, although not specifically identified as requiring a specific allowance, have a greater risk of default than when originally granted. This take into consideration factors such as any deterioration in country risk, industry, and technological obsolescence, as well as identified structural weaknesses or deterioration in cash flows.

Tax legislation

Armenian tax legislation is subject to varying interpretations (refer to note 30).

Impairment of available-for-sale equity investments

The Bank determined that available-for-sale equity investments are impaired when there has been a significant or prolonged decline in the fair value below its cost. This determination of what is significant or prolonged required judgement. In making this judgement, the Bank evaluates among other factors, the volatility in share price. In addition, impairment may be appropriate when there is evidence of deterioration in the financial health of the investee, industry and sector performance, changes in technology, and operational or financing cash flows.

6 Interest and similar income and expense

In thousand Armenian drams	2016	2015
Loans and advances to customers	4,683,761	4,298,279
Debt investment securities available-for-sale	4,843,035	3,709,998
Income from factoring	195,853	193,980
Amounts due from financial institutions	92,397	138,341
Reverse repurchase transactions	76,625	25,786
Interest accrued on individually impaired financial assets	217,386	147,658
Derivative instruments	42,936	48,793
Other interest income	3,974	1,390
Total interest and similar income	10,155,967	8,564,225

In thousand Armenian drams	2016	2015
Amounts due to customers	3,377,251	2,140,125
Repurchase transactions	460,947	1,944,411
Amounts due to financial institutions	924,019	569,265
Bonds issued	392,637	271,594
Total interest and similar expense	5,154,854	4,925,395

7 Fee and commission income and expense

In thousand Armenian drams	2016	2015
Cash collection	43,087	40,459
Wire transfer fees	54,137	30,753
Guarantees and letters of credit	15,174	7,688
Brokerage operations	57,822	55,647
Other fees and commissions	2,010	1,913
Total fee and commission income	172,230	136,460

In thousand Armenian drams	2016	2015
Wire transfer fees	23,672	39,373
Received guarantees	1,423	4,707
Brokerage operations	41,687	826
Other expenses	337	9,823
Total fee and commission expense	67,119	54,729

8 Net trading income

In thousand Armenian drams	2016	2015
Net gain/(loss) from derivatives	(116,018)	127,155
Net gain from transactions in foreign currencies	132,147	115,983
Total net trading income	16,129	243,138

9 Other income

In thousand Armenian drams	2016	2015
Net gains from operations with precious metals	-	61,792
Income from sale of PPE	-	1,239
Income from sale of repossessed assets	6,080	4,321
Fines and penalties received	42,679	20,023
Income from dividends	1,474	2,714
Net gains from foreign currency translation of non-trading assets and liabilities	213,304	-
Income from financial intermediation	65,341	31,559
Other income	1,973	2,873
Total other income	330,851	124,521

10 Staff costs

In thousand Armenian drams	2016	2015
Compensations of employees, related taxes included	911,218	783,699
Staff training costs	2,585	1,441
Total staff costs	913,803	785,140

11 Other expenses

In thousand Armenian drams	2016	2015
Net loss from foreign currency translation of non-trading assets	-	89,370
Net losses from operations with precious metals	21,310	-
Communications	95,488	77,307
Repair and maintenance of PPE	45,980	42,755
Representative expenses	23,260	26,573
Consulting and other services	11,992	23,092
Taxes, other than income tax, duties	23,228	21,377
Payments to Deposit Guarantee Fund	21,944	19,192
Operating lease expenses	17,280	17,280
Insurance expenses	15,662	16,841
Business trip expenses	14,351	9,406
Security	7,799	8,027
Fees to financial system mediator	8,540	8,435
Office supplies	9,848	7,992
ACRA expenses	6,057	5,516
Advertising costs	8,099	3,004
Incasation expenses	1,621	2,707
Other expenses	31,954	15,711
Total other expense	364,413	394,585

12 Income tax expense

In thousand Armenian drams	2016	2015
Current tax expense	800,000	430,000
Deferred tax	5,671	(1,542)
Adjustments of current income tax of previous years	-	(35,000)
Total income tax expense	805,671	393,458

The corporate income tax within the Republic of Armenia is levied at the rate of 20% in 2016 (2015: 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:

In thousand Armenian drams	2016	Effective rate (%)	2015	Effective rate (%)
Profit before tax	4,089,651		2,256,771	
Income tax at the rate of 20%	817,930	20	451,354	20
Non-deductible expenses	12,577	-	26,804	1
Foreign exchange gains	(24,836)	-	(44,791)	(2)
Other deductible expenses	-	-	(4,909)	-
Adjustments relating to prior years income tax	-	-	(35,000)	(2)
Income tax expense	805,671	20	393,458	17

Deferred tax calculation in respect of temporary differences:

In thousand Armenian drams	2015	Recognized in profit or loss	Recognized in other comprehensive income	2016
Other liabilities	13,547	1,789	-	15,336
Fines receivable from impaired assets	7,674	(7,674)	-	-
Investment securities available for sale	647,139	-	(647,139)	-
Total deferred tax assets	668,360	(5,885)	(647,139)	15,336
Cash and cash equivalents	(6,472)	631	-	(5,841)
Amounts due from financial institutions	(1,464)	657	-	(807)
Investment securities available for sale	-	-	(866,623)	(866,623)
Property, plant and equipment	-	-	(277,527)	(277,527)
Other assets	(2,998)	(1,755)	-	(4,753)
Other provisions	(10,588)	681	-	(9,907)
Total deferred tax liability	(21,522)	214	(1,144,150)	(1,165,458)
Net deferred tax asset/(liability)	646,838	(5,671)	(1,791,289)	(1,150,122)

In thousand Armenian drams	2014	Recognized in profit or loss	Recognized in other comprehensive income	2015
Other liabilities	10,179	3,368	-	13,547
Fines receivable from impaired assets	3,186	4,488	-	7,674
Investment securities available for sale	309,014	-	338,125	647,139
Total deferred tax assets	322,379	7,856	338,125	668,360
Cash and cash equivalents	(5,004)	(1,468)	-	(6,472)
Amounts due from financial institutions	(479)	(985)	-	(1,464)
Other assets	(1,486)	(1,512)	-	(2,998)
Other provisions	(8,239)	(2,349)	-	(10,588)
Total deferred tax liability	(15,208)	(6,314)	-	(21,522)
Net deferred tax asset	307,171	1,542	338,125	646,838

13 Cash and cash equivalents

In thousand Armenian drams	2016	2015
Cash on hand	507,179	1,791,055
Correspondent account with the CBA	15,597,821	9,680,447
Correspondent accounts with other banks	2,905,509	2,238,358
Total cash and cash equivalents	19,010,509	13,709,860

As at 31 December 2016 correspondent account with Central Bank of Armenia represents the obligatory minimum reserve deposits with the CBA, which is computed at 2% of certain obligations of the Bank denominated in Armenian drams and 18% of certain obligations of the Bank, denominated in foreign currency and amounts to AMD 8,660,239 thousand (2015: 2% and 20%

respectively amounting to AMD 7,067,109 thousand). There are no restrictions on the withdrawal of funds from the CBA, however, if minimum average requirement is not met, the Bank could be subject to penalties. Mandatory reserve deposits are non-interest bearing.

As at 31 December 2016 the amounts of correspondent accounts with other banks in amounts of AMD 2,813,031 thousand (97%) were due from four commercial banks (2015: AMD 2,038,462 thousand (91%) due from two commercial banks).

Non-cash transactions performed by the Bank during 2016 are represented by repayment of AMD 681,810 thousand loan by obtaining ownership on repossessed collateral (2015: AMD 192,561 thousand).

14 Amounts due from financial institutions

In thousand Armenian drams	2016	2015
Loans	164,718	1,565,186
Deposited funds in banks	238,676	147,880
Deposited funds in other financial institutions	84,959	194,949
Repurchase agreements with credit organizations	191,117	-
Other amounts	642	205
Total amounts due from financial institutions	680,112	1,908,220

Deposited funds represent guarantee amounts extended by the Bank for carrying out trade operations in international markets.

15 Derivative financial instruments

In thousand Armenian drams	2016			2015		
	Notional amount	Fair value of assets	Fair value of liabilities	Notional amount	Fair value of assets	Fair value of liabilities
Derivatives held for trading						
Swaps – foreign currency	3,906,820	32,675	156,817	620,283	3,136	-
Total derivative financial instruments and other trading liabilities	3,906,820	32,675	156,817	620,283	3,136	-

16 Loans and advances to customers

In thousand Armenian drams	2016	2015
Loans to customers	31,411,742	28,450,196
Overdrafts	13,683,206	8,899,619
Factoring	920,162	929,545
Reverse repurchase agreements	921,423	250,556
Other	439,109	94,600
	47,375,642	38,624,516
Less allowance for loans and advances impairment	(1,298,417)	(1,164,364)
Total loans and advances to customers	46,077,225	37,460,152

As at 31 December 2016 the weighted average effective interest rate on loans and advances to customers is 14.2% for loans in AMD (2015: 14.6%) and 11.8% for loans in USD, EUR and other freely convertible currencies (2015: 12.7%).

During the year ended 31 December 2016 the Bank obtained assets by taking possession of collateral for loans to customers. As at 31 December 2016 the carrying amount of such assets was AMD 1,158,875 thousand (2015: AMD 537,501 thousand) (refer to Note 20). The Bank intends to sell these assets in a short period.

As at 31 December 2016 the Bank had a concentration of loans represented by AMD 22,005,204 thousand due from the ten largest third party entities and parties related with them (46.4% of gross loan portfolio) (2015: AMD 19,935,231 thousand or 51.6%). An allowance of AMD 463,249 thousand (2015: AMD 355,675 thousand) was made against these loans.

Reconciliation of loans and advances by economic sectors is as follows:

In thousand Armenian drams	2016	2015
Industry	17,080,162	13,146,288
Trade	4,107,437	3,408,292
Agriculture	6,168,555	5,353,012
Mortgage loans	4,644,102	4,471,327
Public food and other service sectors	56,927	15,608
Consumer	2,124,997	1,398,006
Construction	2,087,445	1,197,319
Transport and communications	179,248	94,905
Other	10,926,769	9,539,759
	47,375,642	38,624,516
Less allowance for loan impairment	(1,298,417)	(1,164,364)
Total loans and advances to customers	46,077,225	37,460,152

Reconciliation of allowance account for losses on loans and advances by class is as follows:

	2016							
In thousand Armenian drams	Industry	Agri-culture	Const-ruktion	Trade	Con-sumer	Mortgage	Other	Total
At 1 January 2016	252,400	72,373	15,934	127,845	78,220	44,713	572,879	1,164,364
Charge /(Reversal) for the year	133,772	(15,690)	(40,640)	284,225	(204,738)	8,791	(4,450)	161,270
Amounts written off	(28,499)	-	(13,525)	(96,489)	(17,097)	-	(367,627)	(523,237)
Recovery	154,694	50,377	62,177	3,657	187,872	35,923	1,320	496,020
At 31 December 2016	512,367	107,060	23,946	319,238	44,257	89,427	202,122	1,298,417
Collective impairment	218,569	107,060	23,946	59,508	44,257	89,427	202,122	744,889
Individual impairment	293,798	-	-	259,730	-	-	-	553,528
	512,367	107,060	23,946	319,238	44,257	89,427	202,122	1,298,417
Gross amount of loans individually determined to be impaired, before deducting any individually assessed impairment allowance	2,217,828	-	-	432,883	-	-	-	2,650,711

	2015							
In thousand Armenian drams	Industry	Agri-culture	Const-ruktion	Trading	Con-sumer	Mortgage	Other	Total
At 1 January 2015	147,398	64,982	9,805	86,729	72,300	35,780	314,125	731,119
Charge for the year	269,506	8,861	28,543	87,893	2,031	12,845	298,992	708,671
Amounts written off	(170,499)	(44,318)	(22,414)	(99,209)	(13,910)	(37,526)	(41,957)	(429,833)
Recovery	5,995	42,848	-	52,432	17,799	33,614	1,719	154,407
At 31 December 2015	<u>252,400</u>	<u>72,373</u>	<u>15,934</u>	<u>127,845</u>	<u>78,220</u>	<u>44,713</u>	<u>572,879</u>	<u>1,164,364</u>
Collective impairment	252,400	72,373	15,934	40,146	66,151	44,713	182,947	674,664
Individual impairment	-	-	-	87,699	12,069	-	389,932	489,700
	<u>252,400</u>	<u>72,373</u>	<u>15,934</u>	<u>127,845</u>	<u>78,220</u>	<u>44,713</u>	<u>572,879</u>	<u>1,164,364</u>
Gross amount of loans individually determined to be impaired, before deducting any individually assessed impairment allowance	-	-	-	607,001	12,069	-	844,608	1,463,678

Loans and advances by customer profile may be specified as follows:

In thousand Armenian drams	2016	2015
Privately held companies	33,395,314	28,161,361
Individuals	6,746,167	5,859,280
State owned enterprises	7,011,467	4,410,023
Sole proprietors	222,694	193,852
	<u>47,375,642</u>	<u>38,624,516</u>
Less allowance for loans and advances impairment	(1,298,417)	(1,164,364)
Total loans and advances to customers	<u>46,077,225</u>	<u>37,460,152</u>

Loans to individuals comprise the following products:

In thousand Armenian drams	2016	2015
Trade	4,621,171	4,461,261
Consumer loans	1,178,777	1,110,705
Car loans	24,796	36,746
Other	921,423	250,568
Total loans and advances to individuals (gross)	<u>6,746,167</u>	<u>5,859,280</u>

Fair value of assets pledged and carrying value of loans under reverse repurchase agreements as at 31 December are presented as follows:

In thousand Armenian drams	2016		2015	
	Fair value of collateral	Carrying value of loans	Fair value of collateral	Carrying value of loans
RA state securities	958,804	921,423	252,078	250,556
Total assets pledged and loans under reverse repurchase agreements	<u>958,804</u>	<u>921,423</u>	<u>252,078</u>	<u>250,556</u>

At 31 December 2016 and 2015 the estimated fair value of loans and advances to customers approximates its carrying value (refer to Note 32).

Maturity analysis of loans and advances to customers is disclosed in Note 34.

Other risks interest to loans and advances to customers are disclosed in Note 35. The information on related party balances is disclosed in Note 31.

17 Investments available for sale

In thousand Armenian drams	2016	2015
Unquoted investments		
Shares of Armenian companies	51,957	51,615
RA state bonds	44,418,307	18,978,617
Corporate bonds of RA	1,565,125	848,984
Total investments	46,035,389	19,879,216

All debt securities have fixed coupons.

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.

All unquoted RA available-for-sale equity securities are recorded at cost since its fair value cannot be reliably estimated. There is no market for these investments and the Bank intends to hold it for the long term.

Available for sale securities, including pledged securities by effective interest rates and maturity date comprise:

In thousand Armenian drams	2016		2015	
	%	Maturity	%	Maturity
RA state bonds in drams	8.8-16.9	2018-2036	8.14-16.9	2017-2032
RA state bonds in foreign currency	4.6-6.6	2020-2025	-	-
Corporate bonds	6.4-11.7	2017-2029	7.5-11.7	2017-2030

Debt securities available for sale at fair value of AMD 14,729,651 thousand (2015: AMD 10,060,292 thousand) are pledged to third parties for periods not exceeding one month. These have been reclassified as securities pledged under repurchase agreements on the face of the balance sheet (refer to Note 28).

18 Property, plant and equipment

In thousand Armenian drams	Land and buildings	Computers and communica- tion means	Vehicles	Office equipment	Capital investments in fixed assets	Capital investments in leased assets	Total
COST							
Cost/Revalued amount at January 1, 2015	551,825	150,695	58,571	101,588	190,778	24,989	1,078,446
Additions	-	21,687	35,081	10,186	-	-	66,954
Disposals	-	(5,931)	(17,703)	(1,498)	-	-	(25,132)
At 31 December 2015	551,825	166,451	75,949	110,276	190,778	24,989	1,120,268
Additions	4,003	23,431	-	20,747	-	-	48,181
Disposals	-	(8,689)	-	(713)	-	-	(9,402)
Reclassifications	190,778	-	-	-	(190,778)	-	-
Revaluation adjustment	(119,562)	-	-	-	-	-	(119,562)
Revaluation	1,387,637	-	-	-	-	-	1,387,637
At 31 December 2016	2,014,681	181,193	75,949	130,310	-	24,989	2,427,122
ACCUMULATED DEPRECIATION							
At January 1, 2015	98,102	120,512	44,741	77,725	-	2,499	343,579
Depreciation charge	18,394	15,558	13,188	7,738	-	2,499	57,377
Disposals	-	(5,931)	(17,198)	(1,498)	-	-	(24,627)
At 31 December 2015	116,496	130,139	40,731	83,965	-	4,998	376,329
Depreciation charge	61,577	18,318	13,503	9,501	-	2,492	105,391
Disposals	-	(8,689)	-	(713)	-	-	(9,402)
Revaluation adjustment	(119,562)	-	-	-	-	-	(119,562)
At 31 December 2016	58,511	139,768	54,234	92,753	-	7,490	352,756
CARRYING VALUE							
At 31 December 2015	435,329	36,312	35,218	26,311	190,778	19,991	743,939
At 31 December 2016	1,956,170	41,425	21,715	37,557	-	17,499	2,074,366

Revaluation of assets

The building owned by the Bank were evaluated by an independent appraiser at 08 February 2016 using a combination of the market, income and cost methods resulting in a revaluation of AMD 1,387,637 thousand. Management have based their estimate of the fair value of the building on the results of the independent appraisal.

As at 31 December 2016 the Bank does not possess any fixed assets pledged as security for liabilities or whose title is otherwise restricted.

Fully depreciated items

As at 31 December 2016 fixed assets included fully depreciated assets at cost in the amount of AMD 146,498 thousand (2015: AMD 117,125 thousand).

Contractual commitments

As at 31 December 2016 the Bank had no contractual commitments in respect of capital construction (2015: nil).

19 Intangible assets

In thousand Armenian drams	Software	Licenses	Total
COST			
At 1 January, 2015	83,043	1,281	84,324
Additions	7,514	2,190	9,704
At 31 December 2015	90,557	3,471	94,028
Additions	1,944	35,536	37,480
Disposal	-	(222)	(222)
At 31 December 2016	92,501	38,785	131,286
ACCUMULATED AMORTISATION			
At 1 January, 2015	53,601	1,014	54,615
Amortization charge	7,473	962	8,435
At 31 December 2015	61,074	1,976	63,050
Amortization charge	7,427	1,431	8,858
Disposal	-	(124)	(124)
At 31 December 2016	68,501	3,283	71,784
CARRYING VALUE			
At 31 December 2015	29,483	1,495	30,978
At 31 December 2016	24,000	35,502	59,502

As at 31 December 2016, the Bank did not possess any intangible assets pledged as security for liabilities or whose title is otherwise restricted (2015: either).

Contractual commitments

As at 31 December 2016 the Bank did not have any contractual commitments (2015: either).

20 Repossessed assets

Details of non-financial assets obtained by the Bank during the year by taking possession of collateral held as security against loans and advances as at December 31 are shown below:

In thousand Armenian drams	2016	2015
Property	881,494	260,120
Other	277,381	277,381
Total	1,158,875	537,501

The Bank’s policy is to pursue timely realisation of the collateral in an orderly manner. The Bank 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.

21 Other assets

In thousand Armenian drams	2016	2015
Debtors and other receivables	62,598	16,561
Other assets	3,120	3,120
Total other financial assets	65,718	19,681
Prepayments	14,408	131,344
Gold in vault	214,583	50,758
Other prepaid taxes	96,513	12,370
Materials	3,177	3,059
Other assets	432	432
Total other non-financial assets	329,113	197,963
Total other assets	394,831	217,644

22 Amounts due to the CBA

In thousand Armenian drams	2016	2015
Loans under repurchase agreements	14,004,870	9,567,686
Other loans and advances	2,051,499	1,500,684
Total amounts due to the CBA	16,056,369	11,068,370

Other loans and advances include loans in the amount of AMD 2,051,499 thousand received within the scope of loan projects “Lending to Armenia SMEs” and “Development of the renewable energies” of the German-Armenian fund (2015: AMD 1,500,684 thousand).

The Bank has not had any defaults of principal, interest or other breaches with respect to its liabilities during the period (2015: nil).

23 Amounts due to other financial institutions

In thousand Armenian drams	2016	2015
Loans from international financial institutions	4,423,067	2,681,816
Loans from financial institutions	3,540,757	3,368,693
Deposits from financial institutions	3,888,579	2,858,165
Current accounts of other financial institutions	2,227,558	1,135,796
Letter of credit	436,846	93,896
Correspondent accounts of other banks	7,562	16,814
Other liabilities	1,182	760
Total amounts due to other financial institutions	14,525,551	10,155,940

Loans from international financial institutions represent loans received within the scope of European Bank for Reconstruction and Development.

All deposits from other financial institutions have fixed interest rates.

As at 31 December 2016 the weighted average effective interest rate on amounts due to financial institutions is 7.39% (2015: 8.79%).

The Bank has not had any defaults of principal, interest or other breaches with respect to its liabilities during the period (2015: either).

24 Amounts due to customers

In thousand Armenian drams	2016	2015
RA government		
Loans received from the RA government	-	24,838
Other liabilities	20,000	20,000
	20,000	44,838
Corporate customers		
Current/settlement accounts	6,792,556	5,706,676
Time deposits	31,482,195	21,350,086
	38,274,751	27,056,762
Retail customers		
Current/settlement accounts	3,760,074	2,363,325
Time deposits	8,645,154	8,620,185
Repo contracts	-	198,172
	12,405,228	11,181,682
Total amounts due to customers	50,699,979	38,283,282

Loans and deposits carry fixed interest rates.

Loans from the RA government represent amounts received within the scope of “Accrediting economic stability” program.

As at 31 December 2016 included in amounts due to customers are deposits amounting to AMD 4,945,964 thousand held as security against loans, guarantees and other contingent liabilities (2015: AMD 8,457,769 thousand). The fair value of those deposits approximates the carrying amount.

As at 31 December 2016 the aggregate balance of top three customers of the Bank (including related parties, refer to Note 31) amounts to AMD 32,322,223 thousand (2015: AMD 24,256,282 thousand) or 63.8% of total customer accounts (2015: 63.4%).

As at 31 December 2016 the weighted average effective interest rates on amounts due to customers were 7.59% (2015: 9.49%).

25 Debt securities issued

In thousand Armenian drams	2016	2015
Non-current bonds	4,916,406	4,914,476
Total debt securities issued	4,916,406	4,914,476

During 2016, the Bank had issued interest-bearing bonds with total value of AMD 425,867 thousand (2015: AMD 4,887,310 thousand) maturing till March 2019 (2015: March 2020).

As at 31 December 2016 debt securities issued by the Bank bear annual effective interest rates ranging from 7.71% to 8.78% (as at 31 December 2015: 7.71% to 8.78%).

The Bank’s bonds are listed at "NASDAQ OMX Armenia" stock exchange.

The Bank has not repurchased any of its own bonds during the year.

The Bank has not had any defaults of principal, interest or other breaches with respect to its liabilities during the period.

26 Subordinated debt

In thousand Armenian drams	2016	2015
Subordinated debt provided by legal entities	13,406,511	2,419,545
Total subordinated debt	13,406,511	2,419,545

Subordinate debt represents a long term borrowing agreement, which, in case of the Bank’s default, would be secondary to the Bank’s other obligations, including deposits and other debt instruments. The balance of subordinated debt obtained from legal entities as at 31 December 2016 is as follows.

Year of provision	Currency	%	Maturity, year	As at 31 December 2016
				Amount, thousand Armenian drams
2015	US dollar		3 7	2,430,307
2016	US dollar		8 7	2,420,893
2016	Armenian dram		14 7	8,070,575
2016	US dollar		3 7	484,736
Total subordinated liabilities				13,406,511

The Bank has not had any defaults of principal, interest or other breaches with respect to its liabilities during the period.

27 Other liabilities

In thousand Armenian drams	2016	2015
Accounts payables	80,692	82,160
Due to personnel	71,156	63,661
Total other financial liabilities	151,848	145,821
Tax payable, other than income tax	82,527	27,955
Other liabilities	713	3,785
Total other non-financial liabilities	83,240	31,740
Total other liabilities	235,088	177,561

28 Securities pledged under repurchase agreements

In thousand Armenian drams	Asset		Liability	
	2016	2015	2016	2015
Securities available for sale (Note 17, 22, 24)	14,729,651	10,060,292	14,004,870	9,765,858
	<u>14,729,651</u>	<u>10,060,292</u>	<u>14,004,870</u>	<u>9,765,858</u>

The pledged securities are those financial assets pledged under repurchase agreements with other banks and other financial institutions, with the right to sell or re-pledge by the counterparty.

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

29 Equity

As at 31 December 2016 the Bank's registered and paid-in share capital was AMD 8,752,800 thousand. In accordance with the Bank's statutes, the share capital consists of 14,588 ordinary shares, all of which have a par value of AMD 600 thousand each.

The respective shareholdings as at 31 December 2016 and 2015 may be specified as follow:

In thousand Armenian drams	Paid-in share capital	% of total paid-in capital
“HVS Holding” S.a.r.l.	7,002,000	79.9972580
BELEGGINGSMAATSCHAPPIJ JONGO B.V.	1,750,800	20.0027420
	<u>8,752,800</u>	<u>100.0</u>

As at 31 December 2016, the Bank did not possess any of its own shares.

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.

In 2016 the shareholders of the Bank did not increase its share capital (2015: nil).

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, which is created as required by the statutory regulations, in respect of general banking risks, including future losses and other unforeseen risks or contingencies. 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 15 % of the Bank's share capital reported in statutory books.

30 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 financial statements, if the authorities were successful in enforcing their interpretations, could be significant. Management believes that the Bank 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 Bank, will not have a material adverse impact on the financial condition or results of future operations of the Bank.

Loan commitment, guarantee and other financial facilities

In the normal course of business, the Bank 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 statement of financial position.

As at 31 December the nominal or contract amounts were:

In thousand Armenian drams	2016	2015
Undrawn loan commitments	2,526,663	1,261,741
Guarantees	309,668	2,045,374
Unused part of factoring limit	1,183,364	1,072,606
Total commitments and contingent liabilities	4,019,695	4,379,721

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 – Bank as a lessee

In the normal course of business the Bank enters into commercial lease agreements for premises.

The future aggregate minimum lease payments under non-cancellable operating leases are as follows:

In thousand Armenian drams	2016	2015
Not later than 1 year	4,320	4,320
Total operating lease commitments	4,320	4,320

Contractual commitments

Information on the Bank’s contractual commitments is disclosed in Notes 18, 19.

Insurance

The insurance industry in Armenia is in a developing state and many forms of insurance protection common in other parts of the world are not yet generally available. The Bank does not have full coverage for business interruption, or for third party liability in respect of property or environmental damage arising from accidents on Bank property or relating to Bank operations. However, as at 31 December 2016 the Bank’s building and transportation are insured. The Bank possesses insurances for all banking liabilities, electronic or computer crimes and for professional responsibility.

31 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. In respect of financial statements to be presented, related parties include shareholders, members of Bank’s Management as well as other persons and enterprises related with and controlled by them respectively.

The ultimate controlling party of the Bank is Swiss businessman Vardan Sirmakes.

A number of banking transactions are entered into with related parties in the normal course of business. These include loans, deposits and other transactions. These transactions were carried out on commercial terms and at market rates.

The volumes of related party transactions, outstanding balances at the year end, and related expense and income for the year are as follows:

In thousand Armenian drams	2016		2015	
	Shareholders and related parties	Key management personnel and related parties	Shareholders and related parties	Key management personnel and related parties
Statement of financial position				
Amounts due from financial institutions				
At January 1	1,667,738	-	759,387	-
Increase	4,040,918	-	10,521,325	-
Decrease	(5,543,657)	-	(9,612,974)	-
At December 31	164,999	-	1,667,738	-
Loans and advances to customers				
At January 1	1,355,553	132,161	2,455,340	196,573
Increase	1,856,805	185,916	1,125,024	482,347
Decrease	(2,061,339)	(184,588)	(2,224,811)	(546,759)
At December 31, gross	1,151,019	133,489	1,355,553	132,161
Less allowance for loans impairment	(23,020)	(2,670)	(13,556)	(1,322)
At December 31, net	1,127,999	130,819	1,341,997	130,839

In thousand Armenian drams	2016			2015
	Shareholders and related parties	Key management personnel and related parties	Shareholders and related parties	Key management personnel and related parties
Amounts due to other financial				
At January 1	382	-	698	-
Increase	6,727,615	10,904,338	5,773,768	-
Decrease	(6,722,779)	(10,569,466)	(5,774,084)	-
At December 31	5,218	334,872	382	-
Amounts due to customers				
At January 1	21,874,156	164,420	20,384,929	180,966
Increase	144,436,095	12,509,248	57,797,290	892,663
Decrease	(139,404,348)	(12,006,973)	(56,308,063)	(909,209)
At December 31	26,905,903	666,695	21,874,156	164,420
Debt securities issued				
At January 1	4,378,048	-	-	-
Increase	1,089,691	-	4,558,774	-
Decrease	(1,832,536)	-	(180,726)	-
At December 31	3,635,203	-	4,378,048	-
Subordinated debt				
At January 1	2,419,545	-	-	-
Increase	13,624,595	-	2,589,650	-
Decrease	(2,637,629)	-	(170,105)	-
At December 31	13,406,511	-	2,419,545	-
Guarantees issued				
	-	9,867	-	10,023
Statement of profit or loss and other comprehensive income				
Interest income on loans and advances to customers	115,381	20,376	326,915	13,693
Interest income from other financial institutions	39,783	-	39,740	-
Income from guarantees	-	210	-	25
Interest expense on deposits	(1,496,155)	(18,477)	(1,851,617)	(6,379)
Expenses on debt securities issued	(321,187)	-	(249,529)	-
Impairment (charge) /reversal for credit losses	(9,464)	(1,348)	11,411	360

The loans issued to directors and other key management personnel during the year are repayable over 2017-2031 years and have weighted average interest rate of 12.46% (2015: 12.22%).

At 31 December 2016 53% of amounts (2015: 57%) due to customers represent deposits attracted from the shareholder (from the ultimate controlling party of the Bank Vardan Sirmakes) and related parties, annual interest expenses paid with regard to this deposit form 44% of total expenses (2015: 87%).

Compensation of key management personnel was comprised of the following:

In thousand Armenian drams	2016	2015
Salaries and bonuses	386,276	298,255
Total key management compensation	386,276	298,255

32 Fair value measurement

The Bank’s Board 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 Bank’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 Bank’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 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).

32.1 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 statement of financial position and analyses them by the level in the fair value hierarchy into which each fair value measurement is categorised.

In thousand Armenian drams

	As at 31 December 2016				
	Level 1	Level 2	Level 3	Total fair values	Total carrying amount
FINANCIAL ASSETS					
Cash and cash equivalents	-	19,010,509	-	19,010,509	19,010,509
Amounts due from financial institutions	-	680,112	-	680,112	680,112
Loans and advances to customers	-	46,077,225	-	46,077,225	46,077,225
Other financial assets	-	65,718	-	65,718	65,718
FINANCIAL LIABILITIES					
Amounts due to CBA	-	16,056,369	-	16,056,369	16,056,369
Amounts due to other financial institutions	-	14,525,551	-	14,525,551	14,525,551
Amounts due to customers	-	50,699,979	-	50,699,979	50,699,979
Debt securities issued	-	4,916,406	-	4,916,406	4,916,406
Subordinated debt	-	13,406,511	-	13,406,511	13,406,511
Other financial liabilities	-	151,848	-	151,848	151,848

In thousand Armenian drams

	As at 31 December 2015				
	Level 1	Level 2	Level 3	Total fair values	Total carrying amount
FINANCIAL ASSETS					
Cash and cash equivalents	-	13,709,860	-	13,709,860	13,709,860
Amounts due from financial institutions	-	1,908,220	-	1,908,220	1,908,220
Loans and advances to customers	-	37,460,152	-	37,460,152	37,460,152
Other financial assets	-	19,681	-	19,681	19,681
FINANCIAL LIABILITIES					
Amounts due to CBA	-	11,068,370	-	11,068,370	11,068,370
Amounts due to other financial institutions	-	10,155,940	-	10,155,940	10,155,940
Debt securities issued	-	38,283,282	-	38,283,282	38,283,282
Subordinated liabilities	-	4,914,476	-	4,914,476	4,914,476
Amounts due to customers	-	2,419,545	-	2,419,545	2,419,545
Other financial liabilities	-	145,821	-	145,821	145,821

Amounts due from and to financial institutions

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 5% to 24% per annum (2015: 7% to 20% 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 valuers.

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.

32.2 Financial instruments that are measured at fair value

In thousand Armenian drams	As at 31 December 2016			
	Level 1	Level 2	Level 3	Total
FINANCIAL ASSETS				
Unquoted bonds	-	45,983,432	-	45,983,432
Securities pledged under repurchase agreement	-	14,729,651	-	14,729,651
Derivative financial assets	-	32,675	-	32,675
Total	-	60,745,758	-	60,745,758
FINANCIAL LIABILITIES				
Derivative financial liabilities	-	156,817	-	156,817
Total	-	156,817	-	156,817
NET FAIR VALUE	-	60,588,941	-	60,588,941

In thousand Armenian drams	As at 31 December 2015			
	Level 1	Level 2	Level 3	Total
FINANCIAL ASSETS				
Unquoted bonds	-	19,827,601	-	19,827,601
Securities pledged under repurchase agreement	-	10,060,292	-	10,060,292
Derivative financial assets	-	3,136	-	3,136
Total	-	29,891,029	-	29,891,029
NET FAIR VALUE	-	29,891,029	-	29,891,029

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 17 for further information about this equity investment.

32.3 Fair value measurement of non-financial assets and liabilities

In thousand Armenian drams	As at 31 December 2016			
	Level 1	Level 2	Level 3	Total
NON FINANCIAL ASSETS				
Property plant and equipment				
<i>Buildings</i>	-	-	2,014,681	2,014,681
Total	-	-	2,014,681	2,014,681

Fair value measurements in Level 3

The Bank’s non financial assets and liabilities classified in Level 3 uses 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:

In thousand Armenian drams	2016
	Total
NON FINANCIAL ASSETS	
<i>Property, plant and equipment</i>	
Balance as at 1 January	551,825
Gains recognised in other comprehensive income	1,387,637
Revaluation adjustment	(119,562)
Purchases	4,003
Reclassification	190,778
NET FAIR VALUE as at 31 December	2,014,681

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

33 Offsetting of financial assets and financial liabilities

In the ordinary course of business, the Bank performs different operations with financial instruments which may be presented in net amounts 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.

The table below presents financial assets and financial liabilities that are offset in the statement of financial position or are subject to an enforceable master netting arrangement or similar agreement that covers similar financial instruments, irrespective of whether they are offset in the statement of financial position.

In thousand Armenian
 drams

As at 31 December 2016

	Gross amount of recognised financial assets/liabilities	Gross amount of recognised financial assets/liabilities in the statement of financial position	Net amount of financial assets/liabilities in the statement of financial position	Related amounts that are not offset in the statement of financial position		
				Financial instruments	Cash collateral received	Net
Financial assets						
Loans under repurchase agreements (Note 16)	921,423	-	921,423	(921,423)	-	-
Financial liabilities						
Amounts payable through repurchase agreements (Note 22)	14,004,870	-	14,004,870	(14,729,651)	-	(724,781)

In thousand Armenian
 drams

As at 31 December 2015

	Gross amount of recognised financial assets/liabilities	Gross amount of recognised financial assets/liabilities in the statement of financial position	Net amount of financial assets/liabilities in the statement of financial position	Related amounts that are not offset in the statement of financial position		
				Financial instruments	Cash collateral received	Net
Financial assets						
Loans under repurchase agreements (Note 16)	250,556	-	250,556	(250,556)	-	-
Financial liabilities						
Amounts payable through repurchase agreements (Note 22, 24)	9,765,858	-	9,765,858	(10,060,292)	-	(294,434)

34 Maturity analysis of assets and liabilities

The table below shows an analysis of financial assets and liabilities analyzed according to when they are expected to be recovered or settled. See Note 35.3 for the Bank’s contractual undiscounted repayment obligations.

In thousand Armenian drams	2016							
	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	Subtotal less than 12 months	From 1 to 5 years	More than 5 years	Subtotal over 12 months	Total
ASSETS								
Cash and cash equivalents	19,010,509	-	-	19,010,509	-	-	-	19,010,509
Amounts due from financial institutions	519,817	7,853	37,772	565,442	114,670	-	114,670	680,112
Derivative financial assets	32,675	-	-	32,675	-	-	-	32,675
Loans and advances to customers	2,836,236	2,049,592	7,612,088	12,497,916	28,138,972	5,440,337	33,579,309	46,077,225
Investments available for sale	-	1,783,613	335,291	2,118,904	5,104,374	38,812,111	43,916,485	46,035,389
Securities pledged under repurchase agreements	14,729,651	-	-	14,729,651	-	-	-	14,729,651
Other assets	65,718	-	-	65,718	-	-	-	65,718
	<u>37,194,606</u>	<u>3,841,058</u>	<u>7,985,151</u>	<u>49,020,815</u>	<u>33,358,016</u>	<u>44,252,448</u>	<u>77,610,464</u>	<u>126,631,279</u>
LIABILITIES								
Amounts due to the CBA	14,094,358	-	104,593	14,198,951	1,321,951	535,467	1,857,418	16,056,369
Derivative financial liabilities	156,817	-	-	156,817	-	-	-	156,817
Amounts due to other financial institutions	6,525,611	537,275	2,934,521	9,997,407	4,131,189	396,955	4,528,144	14,525,551
Amounts due to customers	18,212,827	1,234,897	6,164,768	25,612,492	25,087,487	-	25,087,487	50,699,979
Debt securities issued	77,006	-	-	77,006	4,839,400	-	4,839,400	4,916,406
Subordinated debt	83,171	-	-	83,171	-	13,323,340	13,323,340	13,406,511
Other liabilities	151,848	-	-	151,848	-	-	-	151,848
	<u>39,301,638</u>	<u>1,772,172</u>	<u>9,203,882</u>	<u>50,277,692</u>	<u>35,380,027</u>	<u>14,255,762</u>	<u>49,635,789</u>	<u>99,913,481</u>
Net position	<u>(2,107,032)</u>	<u>2,068,886</u>	<u>(1,218,731)</u>	<u>(1,256,877)</u>	<u>(2,022,011)</u>	<u>29,996,686</u>	<u>27,974,675</u>	<u>26,717,798</u>
Accumulated gap	<u>(2,107,032)</u>	<u>(38,146)</u>	<u>(1,256,877)</u>		<u>(3,278,888)</u>	<u>26,717,798</u>		

In thousand Armenian drams	2015							
	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	Subtotal less than 12 months	From 1 to 5 years	More than 5 years	Subtotal over 12 months	Total
ASSETS								
Cash and cash equivalents	13,709,860	-	-	13,709,860	-	-	-	13,709,860
Amounts due from financial institutions	1,247,533	-	660,687	1,908,220	-	-	-	1,908,220
Derivative financial assets	2,215	921	-	3,136	-	-	-	3,136
Loans and advances to customers	2,690,990	1,849,058	7,103,782	11,643,830	22,286,942	3,529,380	25,816,322	37,460,152
Available for sale investments	-	980,157	22,890	1,003,047	1,723,930	17,152,239	18,876,169	19,879,216
Securities pledged under repurchase agreements	10,060,292	-	-	10,060,292	-	-	-	10,060,292
Other assets	19,681	-	-	19,681	-	-	-	19,681
	<u>27,730,571</u>	<u>2,830,136</u>	<u>7,787,359</u>	<u>38,348,066</u>	<u>24,010,872</u>	<u>20,681,619</u>	<u>44,692,491</u>	<u>83,040,557</u>
LIABILITIES								
Amounts due to the CBA	9,643,588	6,702	140,871	9,791,161	751,959	525,250	1,277,209	11,068,370
Amounts due to other financial institutions	4,269,193	554,308	2,130,324	6,953,825	2,879,529	322,586	3,202,115	10,155,940
Amounts due to customers	8,536,788	7,954,518	10,752,695	27,244,001	10,990,602	48,679	11,039,281	38,283,282
Debt securities issued	76,976	-	-	76,976	4,837,500	-	4,837,500	4,914,476
Subordinated debt	795	-	-	795	-	2,418,750	2,418,750	2,419,545
Other liabilities	145,821	-	-	145,821	-	-	-	145,821
	<u>22,673,161</u>	<u>8,515,528</u>	<u>13,023,890</u>	<u>44,212,579</u>	<u>19,459,590</u>	<u>3,315,265</u>	<u>22,774,855</u>	<u>66,987,434</u>
Net position	<u>5,057,410</u>	<u>(5,685,392)</u>	<u>(5,236,531)</u>	<u>(5,864,513)</u>	<u>4,551,282</u>	<u>17,366,354</u>	<u>21,917,636</u>	<u>16,053,123</u>
Accumulated gap	<u>5,057,410</u>	<u>(627,982)</u>	<u>(5,864,513)</u>		<u>(1,313,231)</u>	<u>16,053,123</u>		

35 Risk management

The Bank'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.

Risk is managed through a process of ongoing identification, measurement and monitoring, subject to risk limits and other controls. This process of risk management is critical to the Bank's continuing profitability and each individual within the Bank is accountable for the risk exposures relating to his or her responsibilities. The Bank is exposed to credit risk, liquidity risk and market risk, the latter being subdivided into trading and non-trading risks. It is also subject to operating risks.

The independent risk control process does not include business risks such as changes in the environment, technology and industry. They are monitored through the Bank's strategic planning process.

Risk management structure

The Board of the Bank is ultimately responsible for identifying and controlling risks; however, there are separate independent bodies responsible for managing and monitoring risks.

Board of the Bank

The Board of the Bank is responsible for the overall risk management approach and for approving the risk strategies and principles.

Management

The Management has the responsibility to monitor the overall risk process.

Credit Committee

The Credit Committee performs overall management and control of the credit risk, approves credits within the scopes of its limits.

Risk Management Department

The Risk Management Department is responsible for the principles and policy of management of investment risks, and for the development and implementation of the Bank’s risk limits.

Internal audit

Risk management processes throughout the Bank are audited annually by the internal audit function that estimates the adequacy of the procedures, the compliance of the Bank’s activity with the procedures, as well as the efficiency of operations carried out by the Bank and the opportunities for their improvement. Internal Audit discusses the results of all assessments with management, and reports its findings and recommendations to the Management and Board of the Bank.

Risk measurement and reporting systems

The Bank’s risks are measured using a method which reflects both the expected loss likely to arise in normal circumstances and unexpected losses, which are an estimate of the ultimate actual loss based on statistical models. The models make use of probabilities derived from historical experience, adjusted to reflect the economic environment. The Bank also runs worst case scenarios that would arise in the event that extreme events which are unlikely to occur do, in fact, occur.

Monitoring and controlling risks is primarily performed based on limits established by the Bank. These limits reflect the business strategy and market environment of the Bank as well as the level of risk that the Bank is willing to accept. In addition the Bank monitors and measures the overall risk bearing capacity in relation to the aggregate risk exposure across all risks types and activities.

Information compiled from all the businesses is examined and processed in order to analyse, control and identify early risks. This information is presented and explained to the Management. The report includes aggregate credit exposure, credit metric forecasts, hold limit exceptions, risk profile changes and other indicators.

Risk mitigation

As part of its overall risk management, the Bank uses derivatives and other foreign currency instruments, as well as obtains insurance certificates for overall banking risks, movable and immovable property.

The Bank actively uses collateral to reduce its credit risks (see below for more detail).

Excessive risk concentration

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 Bank’s performance to developments affecting a particular industry or geographical location.

In order to avoid excessive concentrations of risks, the Bank’s policies and procedures include specific guidelines to focus on maintaining a diversified portfolio. Identified concentrations of credit risks are controlled and managed accordingly.

35.1 Credit risk

The Bank takes on exposure to credit risk, which is the risk that counterparty will cause a financial loss for the Bank by failing to discharge an obligation. Credit risk is the most important risk for the Bank’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 Bank’s asset portfolio. There is also credit risk in off-balance sheet financial instruments, such as loan commitments. The credit risk management and control are centralised in credit risk management team of Bank’s Risk Management Department and reported to the Board of the Bank.

The carrying amounts of the Bank’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.

35.1.1 Risk concentrations of the maximum exposure to credit risk

Geographical sectors

The following table breaks down the Bank’s main credit exposure at their carrying amounts, as categorized by geographical region as at 31 December.

In thousand Armenian drams				2016
	Armenia	Non-OECD countries	OECD countries	Total
Cash and cash equivalents	16,261,274	1,598,164	1,151,071	19,010,509
Amounts due from financial institutions	356,476	37,234	286,402	680,112
Derivative financial assets	-	-	32,675	32,675
Loans and advances to customers	45,362,034	381,108	334,083	46,077,225
Investments available for sale	46,035,389	-	-	46,035,389
Securities pledged under repurchase agreements	14,729,651	-	-	14,729,651
Other assets	17,324	-	48,394	65,718
As at 31 December 2016	122,762,148	2,016,506	1,852,625	126,631,279
As at 31 December 2015	81,929,754	793,108	317,695	83,040,557

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

Industry sectors

The following table breaks down the Bank’s main credit exposure at their carrying amounts, as categorized by the industry sectors of the counterparties as at 31 December 2016 and 31 December 2015.

In thousand Armenian drams	Financial institutions	Industry	Agriculture	Construction	Trading	Consumer sector	Mortgage	Other	Total
Cash and cash equivalents	19,010,509	-	-	-	-	-	-	-	19,010,509
Amounts due from financial institutions	680,112	-	-	-	-	-	-	-	680,112
Derivative financial assets	32,675	-	-	-	-	-	-	-	32,675
Loans and advances to customers	-	16,612,049	5,999,494	2,030,235	3,994,865	2,066,758	4,516,822	10,857,002	46,077,225
Investments available for sale	868,805	-	-	-	-	-	-	45,166,584	46,035,389
Securities pledged under repurchase agreements	-	-	-	-	-	-	-	14,729,651	14,729,651
Other assets	-	-	-	-	48,394	-	-	17,324	65,718
As at 31 December 2016	20,592,101	16,612,049	5,999,494	2,030,235	4,043,259	2,066,758	4,516,822	70,770,561	126,631,279
As at 31 December 2015	45,560,724	12,893,888	5,280,639	1,181,385	3,280,447	1,319,786	4,426,614	9,097,074	83,040,557

35.1.2 Risk limit control and mitigation policies

The Bank 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. Limits on the level of credit risk by product, industry sector and by country are approved quarterly by the Board of the Bank.

The Board has defined criteria for choosing counterparties in the framework of credit risk based on the rating of famous credit rating agencies such as S&P's and Moody's Credit Rating agencies. The Board of the Bank exceptionally specifies corresponding limits of credit risk if a necessity arises to collaborate with a counterparty which does not have investment reputation.

The exposure to any one borrower including banks and financial organizations is further restricted by sub-limits covering on- and off-balance sheet exposures, and daily delivery risk limits in relation to trading items such as forward foreign exchange contracts. Actual exposures against limits are monitored daily.

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

- Real estate pledged by mortgage contracts;
- Charges over business assets such as premises, other fixed assets and inventory;
- Charges over financial instruments such as debt securities and equities
- Cash
- Guarantees

Collateral held as security for financial assets other than loans and advances is determined by the nature of the instrument. Debt securities, treasury and other eligible bills are generally unsecured. The analysis of loan portfolio by collateral is represented as follows:

In thousand Armenian drams	2016	2015
Loans collateralized by real estate	26,280,976	22,157,051
Loans collateralized by movable property	576,428	503,620
Loans collateralized by RA Government guarantees	12,342,780	2,344,065
Loans collateralized by guarantees of other organizations	6,181,188	4,567,513
Loans collateralized by cash	459,997	8,457,769
Loans collateralized by shares of other companies	434,410	342,208
Other collateral	1,099,863	252,290
Total loans and advances to customers (gross)	47,375,642	38,624,516

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.

Credit-related commitments

The primary purpose of these instruments is to ensure that funds are available to a customer as required. Guarantees and standby letters of credit carry the same credit risk as loans. Documentary and commercial letters of credit – which are written undertakings by the Bank on behalf of a customer authorising a third party to draw drafts on the Bank 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 Bank 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 Bank monitors the term to maturity of credit commitments because longer-term commitments generally have a greater degree of credit risk than shorter-term commitments.

35.1.3 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 Bank addresses impairment assessment into areas: individually assessed allowances and collectively assessed allowances.

Individually assessed allowances

The Bank 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, 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.

Loans and advances neither past due or impaired

The table below shows the credit quality by class of asset for loans and advances neither past due or impaired, based on the historical counterparty default rates.

In thousand Armenian drams	2016	2015
Loans and advances to customers		
Industry	2.0%	1.9%
Agriculture	2.0%	1.4%
Construction	2.0%	1.3%
Trade	2.0%	1.4%
Consumer sector	3.2%	4.7%
Mortgage	2.0%	1.0%
Other	2.0%	1.9%

As at 31 December 2016 and 2015 the Bank has not had any losses on other financial assets bearing credit risk.

Past due, but not 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.

In thousand Armenian drams	2016				Total
	Less than 30 days	31 to 60 days	61 to 90 days	More than 91 days	
Loans and advances to customers					
Industry	32,886	263,312	-	-	296,198
Agriculture	-	-	44,339	105,675	150,014
Trade	2,582	-	-	16,502	19,084
Consumer sector	8,019	-	52,642	59,035	119,696
Mortgage	106,546	15,791	-	89,508	211,845
Total	150,033	279,103	96,981	270,720	796,837

In thousand Armenian drams					2015
	Less than 30 days	31 to 60 days	61 to 90 days	More than 91 days	Total
Loans and advances to customers					
Industry	241,937	1,949,911	12,973	28,125	2,232,946
Construction	38,582	-	-	-	38,582
Trade	-	12,290	-	13,079	25,369
Consumer sector	-	51,677	-	2	51,679
Mortgage	-	2,952	50,258	20,564	73,774
Other	-	5,524	-	2,657	8,181
Total	280,519	2,022,354	63,231	64,427	2,430,531

35.2 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 market risk is managed and monitored based on sensitivity analysis and stress tests. The foreign currency risk is managed and monitored based on hedging strategies and positions management.

35.2.1 Market risk – Non-trading

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. Positions are monitored on a daily basis and hedging strategies are used to ensure positions are maintained within the established limits.

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

The sensitivity of other comprehensive income 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 31 December 2016, including the effect of hedging instruments. The sensitivity of equity is calculated by revaluating fixed rate available-for-sale financial assets, including the effect of any associated hedges, and swaps designated as cash flow hedges, at 31 December 2016 for the effects of the assumed changes in interest rates.

The sensitivity of equity is analysed by maturity of the asset or swap. The total sensitivity of equity is based on the assumption that there are parallel shifts in the yield curve, while the analysis by maturity band displays the sensitivity to non-parallel changes.

In thousand Armenian drams							2016
	Change in basis points	Sensitivity of net interest income	Sensitivity of equity				Total
Up to 6 months			6 months to 1 year	1 year to 5 years	More than 5 years		
Currency							
AMD	0.5	-	(2,782)	(8,656)	(222,693)	(1,292,535)	(1,526,666)
USD	0.5	-	(290)	(860)	(56,856)	(148,820)	(206,826)
AMD	(0.5)	-	2,795	8,717	226,890	1,373,629	1,612,031
USD	(0.5)	-	290	860	56,856	148,820	206,826

In thousand Armenian
 drams

2015

Currency	Change in basis points	Sensitivity of net interest income	Sensitivity of equity				Total
			Up to 6 months	6 months to 1 year	1 year to 5 years	More than 5 years	
AMD	0.5	-	(1,387)	(5,529)	(146,387)	(881,072)	(1,034,375)
USD	0.5	-	-	-	-	-	-
AMD	(0.5)	-	1,387	5,529	146,387	881,072	1,034,375
USD	(0.5)	-	-	-	-	-	-

Currency risk

Currency risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. The Bank has set limits on positions by currency. Positions are monitored on a daily basis and hedging strategies are used to ensure positions are maintained within established limits.

The tables below indicate the currencies to which the Bank had significant exposure at 31 December 2016 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 statement of profit or loss and other comprehensive income (due to the fair value of currency sensitive non-trading monetary assets and liabilities) and equity (due to the change in fair value of currency swaps and forward foreign exchange contracts used as cash flow hedges, and equity instruments).

A negative amount in the table reflects a potential net reduction in statement of profit or loss and other comprehensive income or equity, while a positive amount reflects a net potential increase.

In thousand Armenian drams	2016		2015	
	Change in currency rate in %	Effect on profit before tax	Change in currency rate in %	Effect on profit before tax
USD	5%	24,908	5%	105,384
EUR	3%	58,613	3%	3,090

The Bank’s exposure to foreign currency exchange risk is as follows:

In thousand Armenian drams	Armenian Dram	Freely convertible currencies	Non-freely convertible currencies	Total
ASSETS				
Cash and cash equivalents	6,281,243	12,654,862	74,404	19,010,509
Amounts due from financial institutions	263,668	379,211	37,233	680,112
Derivative financial assets	32,675	-	-	32,675
Loans and advances to customers	8,337,338	37,739,887	-	46,077,225
Investments available for sale	37,335,336	8,700,053	-	46,035,389
Securities pledged under repurchase agreements	14,729,651	-	-	14,729,651
Other assets	17,324	48,394	-	65,718
	<u>66,997,235</u>	<u>59,522,407</u>	<u>111,637</u>	<u>126,631,279</u>
LIABILITIES				
Amounts due to the CBA	16,056,369	-	-	16,056,369
Derivative financial liabilities	156,817	-	-	156,817
Amounts due to other financial institutions	5,773,889	8,751,654	8	14,525,551
Amounts due to customers	9,678,947	40,936,603	84,429	50,699,979
Debt securities issued	-	4,916,406	-	4,916,406
Subordinated debt	8,070,575	5,335,936	-	13,406,511
Other liabilities	134,699	17,149	-	151,848
	<u>39,871,296</u>	<u>59,957,748</u>	<u>84,437</u>	<u>99,913,481</u>
Net position as at 31 December 2016	<u>27,125,939</u>	<u>(435,341)</u>	<u>27,200</u>	<u>26,717,798</u>
Commitments and contingent liabilities as at 31 December 2016	<u>2,998,031</u>	<u>1,014,966</u>	<u>6,698</u>	<u>4,019,695</u>
Total financial assets	44,384,499	38,632,663	23,395	83,040,557
Total financial liabilities	28,589,658	38,344,019	53,757	66,987,434
Net position as at 31 December 2015	<u>15,794,841</u>	<u>288,644</u>	<u>(30,362)</u>	<u>16,053,123</u>
Commitments and contingent liabilities as at 31 December 2015	<u>2,119,328</u>	<u>2,179,960</u>	<u>80,433</u>	<u>4,379,721</u>

Freely convertible currencies represent mainly US dollar amounts, but also include currencies from other OECD countries. Non-freely convertible amounts relate to currencies of CIS countries, excluding Republic of Armenia.

35.3 Liquidity risk

Liquidity risk is the risk that the Bank 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 Bank maintains a portfolio of highly marketable and diverse assets that can be easily liquidated in the event of an unforeseen interruption of cash flow. The Bank also has committed lines of credit that it can access to meet liquidity needs. In addition, the Bank maintains an obligatory minimum reserve deposits with the Central Bank of Armenia equal to 2% (2015: 2%) of certain obligations of the Bank denominated in Armenian drams and 18% (2015: 20%) on certain obligations of the Bank denominated in foreign currency (refer to Note 13). 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 Bank 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 on a daily basis in accordance with the requirement of the Central Bank of Armenia.

As at 31 December, these ratios were as follows:

	Not audited	
	2016, %	2015, %
N21- Total liquidity ratio (Highly liquid assets/ Total assets)	53.35	41.59
N22- Current liquidity ratio (Highly liquid assets /liabilities on demand)	494.25	263.05

Analysis of financial liabilities by remaining contractual maturities.

The table below summarises the maturity profile of the Bank’s financial liabilities at 31 December 2016 based on contractual undiscounted repayment obligations. See note 34 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 Bank expects that many customers will not request repayment on the earliest date the Bank could be required to pay and the table does not reflect the expected cash flows indicated by the Bank’s deposit retention history.

						2016
	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	From 1 to 5 years	More than 5 years	Total
NON-DERIVATIVE FINANCIAL LIABILITIES						
Amounts due to the CBA	14,113,848	-	104,593	1,401,300	1,033,776	16,653,517
Derivative financial liabilities	163,652	-	-	-	-	163,652
Amounts due to other financial institutions	6,528,675	1,310,950	3,107,421	4,599,067	960,597	16,506,710
Amounts due to customers	18,225,539	1,451,040	6,298,553	25,305,238	-	51,280,370
Debt securities issued	77,006	-	-	5,882,609	-	5,959,615
Subordinated debt	83,171	-	-	-	22,092,896	22,176,067
Other liabilities	151,848	-	-	-	-	151,848
Total undiscounted non-derivative financial liabilities	39,343,739	2,761,990	9,510,567	37,188,214	24,087,269	112,891,779
Credit risk commitments	3,770,006	40,406	139,980	69,303	-	4,019,695
Derivative financial liabilities						
Currency swap contracts						
Inflow	7,236,602	-	-	-	-	7,236,602
Outflow	(7,356,028)	-	-	-	-	(7,356,028)

In thousand Armenian drams

						2015
	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	From 1 to 5 years	More than 5 years	Total
NON-DERIVATIVE FINANCIAL LIABILITIES						
Amounts due to the CBA	9,644,860	15,300	218,235	1,011,580	596,890	11,486,865
Amounts due to other financial institutions	4,619,939	565,669	2,332,341	3,313,171	371,107	11,202,227
Amounts due to customers	8,831,667	8,290,459	11,774,837	11,979,920	48,612	40,925,495
Debt securities issued	97,509	-	283,191	5,654,181	-	6,034,881
Subordinated debt	7,144	12,698	57,143	304,763	2,539,688	2,921,436
Other liabilities	145,821	-	-	-	-	145,821
Total undiscounted non-derivative financial liabilities	23,346,940	8,884,126	14,665,747	22,263,615	3,556,297	72,716,725
Credit risk commitments	2,350,616	170,607	509,433	116,877	1,232,188	4,379,721
Derivative financial liabilities						
Currency swap contracts						
Inflow	620,283	-	-	-	-	620,283
Outflow	624,367	-	-	-	-	624,367

35.4 Operational risk

Operational risk is the risk of direct or indirect loss arising from a wide variety of causes associated with the Bank’s involvement with financial instruments, including processes, personnel, technology and infrastructure, and from external factors other than credit, market and liquidity risks such as those arising from legal and regulatory requirements and generally accepted standards of corporate behaviour.

The Bank’s objective is to manage operational risk so as to balance the avoidance of financial losses and damage to the Bank’s reputation with overall cost effectiveness.

The primary responsibility for the development and implementation of controls to address operational risk is assigned to the Board. This responsibility is supported by the development of overall standards for the management of operational risk in the following areas:

- requirements for appropriate segregation of duties, including the independent authorisation of transactions;
- requirements for the reconciliation and monitoring of transactions;
- compliance with regulatory and other legal requirements, including the minimal requirements of the Central Bank of Armenia on internal control system;
- documentation of controls and procedures;
- requirements for the periodic assessment of operational risks faced, and the adequacy of controls and procedures to address the risks identified;
- requirements for the reporting of operational losses and proposed remedial action;
- development of contingency plans;
- training and professional development;
- ethical and business standards; and
- risk mitigation.

Compliance with Bank standards is supported by a programme of periodic reviews undertaken by Internal Audit. The results of Internal Audit reviews are discussed with the management of the Bank to which they relate, with summaries submitted to the Board.

36 Capital adequacy

The Bank maintains an actively managed capital base to cover risks inherent in the business. The adequacy of the Bank’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 Bank 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 Bank 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. The other component of regulatory capital is Tier 2 capital, which includes revaluation reserve.

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.

As at 31 December 2016 and 2015 the amount of regulatory capital, risk waited assets and capital adequacy ratio calculated in accordance with the requirements of Central Bank of Armenia are provided below.

In thousand Armenian drams	Not audited	
	2016	2015
Tier 1 capital	23,365,073	19,304,558
Tier 2 capital	11,682,536	(280,189)
Total regulatory capital	35,047,609	19,024,369
Risk-weighted assets	154,414,731	99,272,046
Capital adequacy ratio	22.70%	19.16%

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

With the aim to enhance the efficiency of the banking system activity, strengthening the ability to resist the shocks in different economic situations, as well as providing more efficient and available banking services, in 2015 the Board of RA Central Bank decided to establish the minimum size of

total capital at 30,000,000 thousand Armenian drams for the Bank and new banks, as at 1 January 2017 and after that period.

37 Segment reporting

In terms of IFRS 8 the Bank's operations are not separated to operating segments and are a complete business unit. The Bank's chief operating decision making body makes the decisions based on the joint results and no operational segment is extracted from the general operations. The Bank's assets are mainly distributed in the territory of the Republic of Armenia. The Bank's income is derived from the Armenian sources.

