

**NATIONAL BANK
OF THE REPUBLIC OF
KAZAKHSTAN**

**CONSOLIDATED FINANCIAL
STATEMENTS**

**FOR THE YEAR ENDED
31 DECEMBER 2020**

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**CONTENTS**

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NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**MANAGEMENT STATEMENT OF RESPONSIBILITY FOR PREPARATION AND APPROVAL OF THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

Management is responsible for the preparation of the consolidated financial statements that present fairly the financial position of the National Bank of the Republic of Kazakhstan (the “NBK”) and its subsidiaries (the NBK and its subsidiaries together – the “National Bank”) as at 31 December 2020, and the results of its operations, cash flows and changes in equity for the year then ended, in accordance with the basis of preparation described in Note 2 to the consolidated financial statements (the “Basis of Preparation”).

In preparing the consolidated financial statements, management is responsible for:

- properly selecting and applying accounting policies;
- presenting information, including accounting policies, in a manner that provides relevant, reliable, comparable and understandable information;
- following requirements of the Basis of Preparation; and
- preparing the consolidated financial statements on a going concern basis.

Management is also responsible for:

- designing, implementing and maintaining an effective and sound system of internal controls, throughout the National Bank;
- maintaining adequate accounting records that disclose with reasonable accuracy at any time the consolidated financial position of the National Bank and which enable them to ensure that the consolidated financial statements of the National Bank comply with the requirements of the Basis of Preparation;
- maintaining statutory accounting records in compliance with legislation of the Republic of Kazakhstan;
- taking such steps as are reasonably available to them to safeguard the assets of the National Bank; and
- detecting and preventing fraud and other irregularities.

The consolidated financial statements for the year ended 31 December 2020 were approved by the National Bank’s Management Board on 5 April 2021.

On behalf of the Management Board of the National Bank of the Republic of Kazakhstan:

E.A. Dossaev
Governor

5 April 2021
Nur-Sultan, Kazakhstan

S.K. Rakhmetova
Chief Accountant

5 April 2021
Nur-Sultan, Kazakhstan



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Independent Auditors' Report

To the Management Board of the National Bank of the Republic of Kazakhstan

Qualified Opinion

We have audited the consolidated financial statements of the National Bank of the Republic of Kazakhstan and its subsidiaries (the “National Bank”), which comprise the consolidated statement of financial position as at 31 December 2020, the consolidated statements of profit or loss, comprehensive income, changes in equity and cash flows for the year then ended, and notes, comprising significant accounting policies and other explanatory information.

In our opinion, except for the effects of the matter described in the *Basis for Qualified Opinion* section of our report, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the National Bank as at 31 December 2020, and its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with the basis of preparation described in Note 2 to the consolidated financial statements (the “Basis of Preparation”).

Basis for Qualified Opinion

The National Bank has measured unquoted equity securities stated at KZT 750,000,000 thousand as at 31 December 2020 and 31 December 2019 at cost on the basis that it was unable to obtain a reliable measurement of their fair value. A reliable measurement of fair value could have been obtained, and therefore such investments should have been stated at fair value in accordance with the Basis of Preparation. The effects of this departure from the Basis of Preparation on investment securities at fair value through other comprehensive income, comprehensive income, retained earnings and reserve for changes in fair value of financial assets as at and for the years ended 31 December 2020 and 31 December 2019 have not been determined.

«КПМГ Аудит» ЖШС, Қазақстан Республикасы заңнамасына сәйкес тіркелген компания, жауапкершілігі өз қатысушыларының кепілдіктерімен шектелген KPMG International Limited жекеше ағылшын компаниясының құрамына кіретін KPMG тәуелсіз фирмалары жаһандық ұйымының қатысушысы.

KPMG Audit LLC, a company incorporated under the Laws of the Republic of Kazakhstan and a member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee.



NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
Independent Auditors' Report

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

Emphasis of Matter

We draw attention to Note 2(e) to the consolidated financial statements which indicates that the comparative information presented as at and for the year ended 31 December 2019 has been restated. Our opinion is not modified in respect of this matter.

Other matter

As part of our audit of the consolidated financial statements as at and for the year ended 31 December 2020, we audited the adjustments described in Note 2(e) that were applied to restate the comparative information presented as at and for the year ended 31 December 2019. In our opinion, the adjustments described in Note 2(e) are appropriate and have been properly applied. Our opinion for the consolidated financial statements as at and for the year ended 31 December 2019 dated 6 April 2020 was qualified in respect of this matter.

Key audit matters

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



In addition to the matter described in the *Basis for Qualified Opinion* section we have determined the matters described below to be the key audit matters to be communicated in our report.

Recognition of expenses on rehabilitation of the banking sector and the economy	
Key audit matter	How the matter was addressed in our audit
Refer to Note 10 to the consolidated financial statements.	
<p>As part of its activity to ensure stability of the financial system and the economy of Kazakhstan, the National Bank implements a number of programs aimed at providing financial support to the second-tier banks and programs to support the economy as a result of the outbreak of the coronavirus in 2020.</p> <p>We paid particular attention to these matters due to the significance of these transactions, and also due to judgement involved in accounting for such transactions and the use of estimates and underlying assumptions in determining their fair value on initial recognition.</p> <p>During the reporting period such transactions comprise, in particular,</p>	<p>We have analysed the economic substance of transactions performed and recognition and disclosure thereof in the consolidated financial statements.</p> <p>We have assessed the key assumptions used as a basis for estimation of the fair value of purchased bonds of financial organisations of the quasi-public sector and second-tier banks upon initial recognition, such as the discount rates. We have assessed the reasonableness of forecast cash flows and compared the inputs, such as discount rates, against industry, financial and economic data from the external sources.</p> <p>We have assessed the key assumptions used as a basis for estimation of the carrying and fair values of the FPL bonds as at the disposal date, including the forecasted cash flows and discount rate, for the purpose of estimation of the expenses on rehabilitation of the banking sector and the economy.</p> <p>We assessed whether the consolidated financial statements disclosures appropriately reflect the key judgments related to initial recognition of the purchased bonds, including those judgments related to measurements of</p>



<p>purchase of debt securities issued by financial organisations of the quasi-public sector and second-tier banks, which are recognised in the consolidated statement of financial position as loans issued in placements and loans with banks and other financial institutions, and disposal of debt securities issued by the Fund of Problem Loans JSC (“FPL bonds”).</p>	<p>fair value upon initial recognition. We also assessed whether the transaction on disposal of FPL bonds is appropriately disclosed in the consolidated financial statements and the disclosure reflects the key judgments and estimates as at the disposal date.</p>
<p>Expected credit losses (ECL) on financial assets measured at amortised cost</p>	
<p>Key audit matter</p>	<p>How the matter was addressed in our audit</p>
<p>Refer to Notes 12, 19, 23 and 25 to the consolidated financial statements.</p>	
<p>The use of financial instruments is a core business of the National Bank.</p> <p>Financial assets measured at amortised cost represent 31% of total assets and are stated net of allowance for expected credit losses that is estimated on a regular basis and is sensitive to assumptions used.</p>	<p>We analysed the key aspects of the National Bank’s methodology and policies related to the ECL estimate for compliance with the requirements of IFRS 9.</p> <p>To analyse adequacy of professional judgement and assumptions made by the management in relation to ECL estimate, we performed the following procedures:</p> <ul style="list-style-type: none"> — We tested design and implementation of controls over estimation of ECL on financial assets. — For material financial assets we tested whether Stages are correctly assigned by the



The ECL valuation model requires management to apply professional judgement and to make assumptions related to the following key areas:

- timely identification of significant increase in credit risk and default events (allocation between stages 1, 2 and 3 in accordance with the IFRS 9);
- assessment of probability of default (PD) and loss given default (LGD);
- assessment of add-on adjustment to account for different scenarios and forward-looking information;
- assessment of expected cash flows forecast for financial assets which are classified as credit-impaired.

There is an increased risk of material misstatement of ECL in the current year due to the higher uncertainty related to judgements and estimates resulting from COVID-19.

National Bank by analysing external credit ratings, if available, and financial and non-financial information, as well as assumptions and professional judgements applied by the National Bank.

— For material financial assets with external credit ratings we checked PD and LGD parameters by comparing to externally available information.

— We also analysed the overall adequacy of the adjustment to account for various scenarios and forward-looking information and compared it with our estimates taking into account the current and future economic situation and operating conditions of counteragents. As part of this work we tested the appropriateness of the National Bank's assessment of the economic uncertainty related to COVID-19.

— For credit-impaired loans we assessed adequacy of ECL allowance by critically assessing assumptions used by the National Bank to estimate expected cash flows, including estimated proceeds from realisation of collateral and their timing. We compared assumptions used by the National Bank for these loans with industry, financial and economic data from available public sources.

We also assessed whether the consolidated financial statements disclosures appropriately reflect the National Bank's exposure to credit risk.



Due to the significant volume of financial assets measured at amortised cost and related estimation uncertainty, this area is a key audit matter.

Other Information

Management is responsible for the other information. The other information comprises the information included in the Annual Report of the National Bank to the President of the Republic of Kazakhstan for the year 2020 (the “Annual Report”), but does not include the consolidated financial statements and our auditors’ report thereon. The Annual Report is expected to be made available to us after the date of this auditors’ report.

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

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

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

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

In preparing the consolidated financial statements, management is responsible for assessing the National 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 National Bank or to cease operations, or has no realistic alternative but to do so.

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

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

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

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

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the National 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



NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
Independent Auditors' Report

cast significant doubt on the National 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 auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the National Bank to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the National Bank to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the National Bank audit. We remain solely responsible for our audit opinion.

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

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

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



NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
Independent Auditors' Report

The engagement partner on the audit resulting in this independent auditors' report is:

Assel Urdabayeva
Certified Auditor
of the Republic of Kazakhstan
Auditor's Qualification Certificate
No. МФ-0000096 of 27 August 2012

KPMG Audit LLC

State Licence to conduct audit #0000021 dated 6 December 2006 issued by
the Ministry of Finance of the Republic of Kazakhstan

Sergey Dementyev
General Director of KPMG Audit LLC acting
on the basis of the Charter

5 April 2021

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**CONSOLIDATED STATEMENT OF PROFIT OR LOSS FOR THE YEAR
ENDED 31 DECEMBER 2020**

		2020	Restated*
	Note	'000 KZT	2019
		'000 KZT	'000 KZT
Interest income calculated using the effective interest method	5	367,183,664	297,980,885
Interest expense	5	(464,594,508)	(413,937,514)
Net interest loss		(97,410,844)	(115,956,629)
Fee and commission income	6	24,760,756	26,309,041
Fee and commission expense	7	(6,366,774)	(7,257,061)
Net fee and commission income		18,393,982	19,051,980
Net gain on financial instruments at fair value through profit or loss	8	95,283,203	131,701,101
Net gain on investment securities at fair value through other comprehensive income	9	40,759,957	33,229,717
Share of profit/(loss) of associates		3,389,666	(5,032)
Expenses on rehabilitation of the banking sector and the economy	10	(936,370,397)	(652,738,413)
Other operating (expenses) income, net	11	(26,117,161)	572,094
Operating expenses		(902,071,594)	(584,145,182)
Allowance for expected credit losses	12	(162,794,967)	(244,227,189)
Provisions for estimated liabilities	33	(37,648,928)	(14,714,034)
Banknotes and coins production expenses	13	(30,558,468)	(5,311,454)
Personnel expenses	14	(23,780,793)	(29,355,016)

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**CONSOLIDATED STATEMENT OF PROFIT OR LOSS FOR THE YEAR
ENDED 31 DECEMBER 2020**

		2020	Restated*
	Note	'000 KZT	2019
		'000 KZT	'000 KZT
Depreciation and amortization		(4,130,697)	(3,748,942)
Other general and administrative expenses	15	(48,913,667)	(17,210,915)
Loss before income tax		(1,209,899,114)	(898,712,732)
Income tax benefit	16	89,716,100	120,925,766
Loss for the year		(1,120,183,014)	(777,786,966)
 (Loss) profit attributable to:			
- Equity holders of the National Bank		(1,120,376,050)	(777,963,572)
- Non-controlling interests		193,036	176,606
Loss for the year		(1,120,183,014)	(777,786,966)

* See Note 2(e).

**On behalf of the Management Board of the National Bank of the Republic of
Kazakhstan:**

E. A. Dossaev
Governor

S. K. Rakhmetova
Chief Accountant

5 April 2021
Nur-Sultan, Kazakhstan

5 April 2021
Nur-Sultan, Kazakhstan

The notes set out on pages 25 to 170 form an integral part of these consolidated financial statements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME FOR
THE YEAR ENDED 31 DECEMBER 2020**

	2020	Restated*
	'000 KZT	2019
	'000 KZT	'000 KZT
Loss for the year	(1,120,183,014)	(777,786,966)
Other comprehensive income net of tax		
<i>Items that are or may be reclassified subsequently to profit or loss:</i>		
Movement in fair value reserve (debt instruments):		
- Net change in fair value	51,464,154	77,909,018
- Net amount transferred to profit or loss	(32,933,329)	(29,687,083)
<i>Total items that are or may be reclassified subsequently to profit or loss:</i>	<u>18,530,825</u>	<u>48,221,935</u>
<i>Items that will not be reclassified to profit or loss:</i>		
Movement in fair value reserve (equity instruments)	2,469,575	3,809,564
Foreign currency revaluation reserve	125,869,458	(15,376,528)
Precious metals revaluation reserve	2,652,217,250	1,117,170,963
<i>Total items that will not be reclassified to profit or loss</i>	<u>2,780,556,283</u>	<u>1,105,603,999</u>
Other comprehensive income for the year, net of income tax	2,799,087,108	1,153,825,934
Total comprehensive income for the year	1,678,904,094	376,038,968
Total comprehensive income attributable to:		
- Equity holders of the National Bank	1,678,711,058	375,862,362
- Non-controlling interests	193,036	176,606
Total comprehensive income for the year	1,678,904,094	376,038,968

* See Note 2(e).

On behalf of the Management Board of the National Bank of the Republic of Kazakhstan:

E. A. Dossaev
Governor

5 April 2021
Nur-Sultan, Kazakhstan

S. K. Rakhmetova
Chief Accountant

5 April 2021
Nur-Sultan, Kazakhstan

The notes set out on pages 25 to 170 form an integral part of these consolidated financial statements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

CONSOLIDATED STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2020

	Note	2020 '000 KZT	Restated* 2019 '000 KZT
ASSETS			
Cash on hand in foreign currency	17	122,879,854	113,367,726
Gold	18	9,946,269,671	7,230,140,962
Placements and loans with banks and other financial institutions	19	4,630,905,561	2,580,761,092
Financial instruments under management at fair value through profit or loss	20	633,025,926	367,833,190
Reverse repurchase agreements	21	20,012,508	145,868,206
Investment securities measured at fair value through other comprehensive income			
- Pledged under sale and repurchase agreements	22	94,346,826	27,284,433
- Not pledged under sale and repurchase agreements	22	3,489,090,231	3,249,968,794
Investment securities measured at amortised cost	23	1,121,943,735	985,792,527
Investments in associates		5,683,549	2,291,347
Property, plant and equipment and intangible assets	24	70,335,177	65,678,843
Current tax asset		2,481,329	1,157,892
Deferred tax assets	16	325,613,503	234,344,611
Other assets	25	999,301,782	327,058,664
Total assets		21,461,889,652	15,331,548,287
LIABILITIES			
Currency in circulation	26	3,250,868,479	2,688,747,786
Deposits and balances from banks and other financial institutions	27	7,328,415,884	4,385,426,201
Financial instruments under management at fair value through profit or loss	20	968,165	934,215
Repurchase agreements	28	100,597,147	27,941,316
Current accounts of the National Fund of the Republic of Kazakhstan	29	441,555,267	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	30	1,432,152,238	397,535,424
Customer accounts	31	239,047,013	182,887,423

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
**CONSOLIDATED STATEMENT OF FINANCIAL POSITION
AS AT 31 DECEMBER 2020**

		2020	Restated*
	Note	'000 KZT	2019
		'000 KZT	'000 KZT
Debt securities issued	32	3,645,971,357	3,618,820,899
Estimated liabilities	33	53,056,189	33,162,428
Current tax liability		166	146
Deferred tax liabilities	16	2,406,638	2,483,478
Other liabilities	34	33,833,600	26,329,501
Total liabilities		16,528,872,143	12,088,998,824
EQUITY			
Charter capital	35	20,000,000	20,000,000
Special guarantee reserve	35	598,376,004	500,764,758
Other provisions		4,032,306	4,032,306
Property and equipment revaluation reserve		23,184,009	23,623,561
Reserve for changes in fair value of financial assets		41,861,301	22,271,185
Revaluation reserve for foreign currency and precious metals		7,633,270,564	4,855,183,856
Accumulated losses		(3,389,104,209)	(2,184,530,568)
Total equity attributable to equity holders of the National Bank		4,931,619,975	3,241,345,098
Non-controlling interests	35	1,397,534	1,204,365
Total equity		4,933,017,509	3,242,549,463
Total liabilities and equity		21,461,889,652	15,331,548,287

* See Note 2(e).

On behalf of the Management Board of the National Bank of the Republic of Kazakhstan:

E. A. Dossaev
Governor

5 April 2021
Nur-Sultan, Kazakhstan

S. K. Rakhmetova
Chief Accountant

5 April 2021
Nur-Sultan, Kazakhstan

The notes set out on pages 25 to 170 form an integral part of these consolidated financial statements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
**CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR
ENDED 31 DECEMBER 2020**

	2020	Restated*
	'000 KZT	2019
	'000 KZT	'000 KZT
CASH FLOWS FROM OPERATING ACTIVITIES		
Loss before income tax	(1,209,899,114)	(898,712,732)
<i>Adjustments for:</i>		
Depreciation and amortization	6,545,036	7,266,975
Allowance for expected credit losses	162,717,766	244,188,587
Provisions for estimated liabilities	37,648,928	14,714,034
Impairment losses on other non- financial assets	77,201	38,602
Loss on disposal of inventories	7,076	14,953
Amortisation of discount on debt securities issued	348,204,505	307,960,426
Amortisation of premium and discount on financial assets	(3,516,723)	(3,192,811)
Unrealised gain on financial instruments at fair value through profit or loss	(46,888,758)	(97,124,135)
Share of (profit)/loss of associates	(3,389,666)	5,032
Loss on combination /disposal of investments in the organisation	-	682,614
Cash used in operating activities before changes in operating assets and liabilities	(708,493,749)	(424,158,455)
(Increase)/decrease in operating assets		
Gold	(61,954,557)	(582,226,591)
Placements and loans with banks and other financial institutions	(854,544,624)	489,309,463

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
**CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR
ENDED 31 DECEMBER 2020**

	2020	Restated*
	'000 KZT	2019
	'000 KZT	'000 KZT
Financial instruments under management at fair value through profit or loss	(105,559,720)	(115,440,596)
Reverse repurchase agreements	-	11,451,500
Investment securities measured at fair value through other comprehensive income	(72,176,030)	1,741,525,215
Other assets	(680,306,384)	(253,504,771)
Increase/(decrease) in operating liabilities		
Currency in circulation	562,120,693	69,418,109
Deposits and balances from banks and other financial institutions	2,628,278,622	(1,437,239,647)
Financial instruments under management at fair value through profit or loss	(14,793)	(564,053)
Repurchase agreements	72,655,831	(107,885,727)
Current accounts of the National Fund of the Republic of Kazakhstan	(283,174,740)	17,405,883
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	1,032,140,906	(42,768,848)
Customer accounts	54,272,625	(14,851,237)
Estimated liabilities	(17,755,167)	(37,515,134)
Other liabilities	4,797,891	(32,537,877)
Net cash provided from/(used in) operating activities before income tax paid	1,570,286,804	(719,582,766)
Income tax paid	(1,790,137)	(1,158,330)
Net cash from/(used in) operating activities	1,568,496,667	(720,741,096)

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR
ENDED 31 DECEMBER 2020**

	2020	Restated*
	'000 KZT	2019
	'000 KZT	'000 KZT
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of investment securities measured at amortised cost	(187,567,093)	(514,100,657)
Repayment of investment securities measured at amortised cost	64,616,231	211,992,712
Acquisition of property, plant and equipment and intangible assets	(8,465,639)	(7,851,147)
Proceeds from sale of property, plant and equipment and intangible assets	73,995	2,670,523
Disposal of subsidiaries	-	(2,197,951)
Proceeds from disposal of investment in associates	-	170,078
Net cash used in investing activities	(131,342,506)	(309,316,442)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from debt securities issued	14,795,265,568	30,600,920,476
Redemption of debt securities issued	(14,783,505,350)	(31,124,090,128)
Accounts received on debt securities issued (Note 25)	-	884,695,840
Interest paid on debt securities issued	(334,704,804)	(279,370,787)
Net cash (used in)/from financing activities	(322,944,586)	82,155,401
Net increase/(decrease) in cash and cash equivalents	1,114,209,575	(947,902,137)
Effect of movements in exchange rates on cash and cash equivalents	71,054,468	(31,591,209)
Cash and cash equivalents at the beginning of the year, gross carrying amount	1,198,362,789	2,177,856,135
Cash and cash equivalents at the end of the year, gross carrying amount (Note 17)	2,383,626,832	1,198,362,789

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR
ENDED 31 DECEMBER 2020**

Interest paid and received during the year ended 31 December 2020 amounted to KZT 454,858,457 thousand and KZT 287,442,537 thousand, respectively (31 December 2019: KZT 412,368,001 thousand and KZT 186,897,868 thousand, respectively).

* See Note 2(e).

**On behalf of the Management Board of the National Bank of the Republic of
Kazakhstan:**

E. A. Dossaev
Governor

5 April 2021
Nur-Sultan, Kazakhstan

S. K. Rakhmetova
Chief Accountant

5 April 2021
Nur-Sultan, Kazakhstan

The notes set out on pages 25 to 170 form an integral part of these consolidated financial statements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31 DECEMBER 2020

'000 KZT	Equity attributable to equity holders of the National Bank							Non-controlling interests	Total equity	
	Charter capital	Special guarantee reserve	Other reserves	Property and equipment revaluation reserve	Reserve for changes in fair value of financial assets	Revaluation reserve for foreign currency and precious metals	Accumulated losses			Total
Balance at 1 January 2020	20,000,000	500,764,758	4,032,306	23,623,561	22,271,185	4,855,183,856	(2,184,530,568)	3,241,345,098	1,204,365	3,242,549,463
Restated prior year retained earnings due to fair value remeasurement of certain assets *	-	-	-	-	-	-	11,296,364	11,296,364	-	11,296,364
Restated balance as at 1 January 2020	20,000,000	500,764,758	4,032,306	23,623,561	22,271,185	4,855,183,856	(2,173,234,204)	3,252,641,462	1,204,365	3,253,845,827
Total comprehensive income	-	-	-	-	-	-	-	-	-	-
Loss for the year	-	-	-	-	-	-	(1,120,376,050)	(1,120,376,050)	193,036	(1,120,183,014)
Other comprehensive income	-	-	-	-	-	-	-	-	-	-
<i>Movement in fair value reserve (debt instruments):</i>										
- Net change in fair value	-	-	-	-	51,464,154	-	-	51,464,154	-	51,464,154
- Net change in fair value transferred to profit or loss	-	-	-	-	(32,933,329)	-	-	(32,933,329)	-	(32,933,329)
<i>Movement in fair value reserve (equity instruments):</i>										
Net change in fair value	-	-	-	-	1,059,291	-	1,410,284	2,469,575	-	2,469,575
Foreign currency revaluation reserve	-	-	-	-	-	125,869,458	-	125,869,458	-	125,869,458
Precious metals revaluation reserve	-	-	-	-	-	2,652,217,250	-	2,652,217,250	-	2,652,217,250
Total other comprehensive income	-	-	-	-	19,590,116	2,778,086,708	1,410,284	2,799,087,108	-	2,799,087,108
Total comprehensive income for the year	-	-	-	-	19,590,116	2,778,086,708	(1,118,965,766)	1,678,711,058	193,036	1,678,904,094
Transfer of revaluation reserve resulting from depreciation and disposals	-	-	-	(439,552)	-	-	443,128	3,576	133	3,709
Transactions with owners recorded directly in equity:										
Addition to special guarantee reserve	-	97,611,246	-	-	-	-	(97,611,246)	-	-	-
Additional paid-in capital of subsidiaries	-	-	-	-	-	-	2,041	2,041	-	2,041
Disposal of the subsidiary	-	-	-	-	-	-	261,838	261,838	-	261,838
Total transactions with owners	-	97,611,246	-	-	-	-	(97,347,367)	263,879	-	263,879
Balance at 31 December 2020	20,000,000	598,376,004	4,032,306	23,184,009	41,861,301	7,633,270,564	(3,389,104,209)	4,931,619,975	1,397,534	4,933,017,509

* Due to the effect being not material, restatement was reflected only in the consolidated statement of changes in equity.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31 DECEMBER 2020

'000 KZT	Equity attributable to equity holders of the National Bank							Total	Non-controlling interests	Total equity
	Charter capital	Special guarantee reserve	Other reserves	Property and equipment revaluation reserve	Reserve for changes in fair value of financial assets	Revaluation reserve for foreign currency and precious metals	Accumulated losses			
Balance at 1 January 2019	20,000,000	495,014,899	4,823,888	24,820,960	(29,757,356)	3,753,931,172	(1,403,996,916)	2,864,836,647	5,653,505	2,870,490,152
Restated prior year retained earnings due to fair value remeasurement of certain assets *	-	-	-	-	-	-	2,197,527	2,197,527	-	2,197,527
Restated balance as at 1 January 2019	20,000,000	495,014,899	4,823,888	24,820,960	(29,757,356)	3,753,931,172	(1,401,799,389)	2,867,034,174	5,653,505	2,872,687,679
Total comprehensive income	-	-	-	-	-	-	-	-	-	-
Loss for the year, restated*	-	-	-	-	-	-	(777,963,572)	(777,963,572)	176,606	(777,786,966)
Other comprehensive income	-	-	-	-	-	-	-	-	-	-
<i>Movement in fair value reserve (debt instruments):</i>										
- Net change in fair value	-	-	-	-	77,909,018	-	-	77,909,018	-	77,909,018
- Net change in fair value transferred to profit or loss	-	-	-	-	(29,687,083)	-	-	(29,687,083)	-	(29,687,083)
<i>Movement in fair value reserve (equity instruments):</i>										
Net change in fair value	-	-	-	-	3,809,564	-	-	3,809,564	-	3,809,564
Foreign currency revaluation reserve	-	-	-	-	-	(15,376,528)	-	(15,376,528)	-	(15,376,528)
Precious metals revaluation reserve	-	-	-	-	-	1,117,170,963	-	1,117,170,963	-	1,117,170,963
Total other comprehensive income	-	-	-	-	52,031,499	1,101,794,435	-	1,153,825,934	-	1,153,825,934
Total comprehensive income for the year (restated*)	-	-	-	-	52,031,499	1,101,794,435	(777,963,572)	375,862,362	176,606	376,038,968
Transfer of revaluation reserve resulting from depreciation and disposals	-	-	-	(1,107,272)	-	-	1,114,517	7,245	(460)	6,785

* Due to the effect being not material, restatement was reflected only in the consolidated statement of changes in equity.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31 DECEMBER 2020

	Equity attributable to equity holders of the National Bank							Total	Non-controlling interests	Total equity
	Charter capital	Special guarantee reserve	Other reserves	Property and equipment revaluation reserve	Reserve for changes in fair value of financial assets	Revaluation reserve for foreign currency and precious metals	Accumulated losses			
'000 KZT										
Transactions with owners recorded directly in equity:										
Addition to special guarantee reserve	-	5,749,859	-	-	-	-	(5,749,859)	-	-	-
Gratuitous transfer of property under community ownership	-	-	-	-	-	-	(6,108)	(6,108)	-	(6,108)
Reorganisation of subsidiaries	-	-	-	-	-	-	660,665	660,665	(142,263)	518,402
Disposal of the subsidiary	-	-	(791,582)	(90,127)	(2,958)	(541,751)	(786,822)	(2,213,240)	(4,483,023)	(6,696,263)
Total transactions with owners	-	5,749,859	(791,582)	(90,127)	(2,958)	(541,751)	(5,882,124)	(1,558,683)	(4,625,286)	(6,183,969)
Balance at 31 December 2019, restated*	20,000,000	500,764,758	4,032,306	23,623,561	22,271,185	4,855,183,856	(2,184,530,568)	3,241,345,098	1,204,365	3,242,549,463

* See Note 2(e).

On behalf of the Management Board of the National Bank of the Republic of Kazakhstan:

E. A. Dossaev
Governor
5 April 2021
Nur-Sultan, Kazakhstan

S. K. Rakhmetova
Chief Accountant
5 April 2021
Nur-Sultan, Kazakhstan

The notes set out on pages 25 to 170 form an integral part of these consolidated financial statements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

1. INTRODUCTION

(a) Organisation and operations

These consolidated financial statements comprise the consolidated financial statements of the National Bank of the Republic of Kazakhstan (the “NBK”) and its subsidiaries (together referred to as the “National Bank”).

The NBK was established in accordance with the Resolution of the Supreme Council of the Republic of Kazakhstan No. 2134-XII dated 13 April 1993. Pursuant to this Resolution the State Bank of Kazakh SSR was renamed the National Bank of the Republic of Kazakhstan.

The primary role of the NBK is ensuring price stability in the Republic of Kazakhstan. The NBK has the following functions: development and implementation of the monetary policy of the state; ensuring functioning of payment systems; exchange regulation and exchange control; ensuring stability of the financial system; conducting statistical activities in the field of monetary statistics and external sector statistics; other functions in accordance with the laws of the Republic of Kazakhstan and the acts of the President of the Republic of Kazakhstan.

In accordance with the tasks imposed thereon, the National Bank exercises the following principal functions: development and implementation of the monetary policy in the Republic of Kazakhstan; acts as a sole issuer of banknotes and coins in the Republic of Kazakhstan and manages currency in circulation on the territory of the Republic of Kazakhstan; currency regulation and currency control in the Republic of Kazakhstan; management of the foreign currency assets and precious metals; trust management of the National Fund the Republic of Kazakhstan based on the trust agreement entered into between the NBK and the Government of the Republic of Kazakhstan; trust management of the pension assets of “Unified National Pension Fund” JSC (“UNPF”) based on the trust agreement entered into between the NBK and the unified pension fund; exercises other functions and performs other duties as provided for by the Law “On the National Bank of the Republic of Kazakhstan”, other laws of the Republic of Kazakhstan and Decrees of the President of the Republic of Kazakhstan.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

1. INTRODUCTION, CONTINUED

(a) Organisation and operations, continued

The NBK's head office is registered at 57A Mangilik El avenue, Nur-Sultan, Z05T8F6, Republic of Kazakhstan. As at 31 December 2020 the NBK operates 18 branches, 1 Representative office in Almaty and has 11 subsidiaries located in the Republic of Kazakhstan.

All NBK subsidiaries that are registered in the Republic of Kazakhstan are as follows:

Name	Year of Establishment	Principal activity	Ownership, %	
			2020	2019
RSE "Kazakhstan Mint of the National Bank of the Republic of Kazakhstan"	1994	Coins manufacturing	100.00	100.00
RSE "Kazakhstan Interbank Settlement Center of the National Bank of the Republic of Kazakhstan"	1996	Electronic money transfers	100.00	100.00
RSE "Bank Service Bureau of the National Bank of the Republic of Kazakhstan"	1996	Software service and development	100.00	100.00
Kazakhstan Deposit Insurance Fund JSC (KDIF)	1999	Individual deposit guarantee	100.00	100.00
RSE "Banknote Factory of the National Bank of the Republic of Kazakhstan"	2004	Banknote manufacturing	100.00	100.00
The Training Center of the National Bank of the Republic of Kazakhstan JSC	2007	Delivering professional training programmes of postgraduate education	100.00	100.00

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

1. INTRODUCTION, CONTINUED

(a) Organisation and operations, continued

Name	Year of Estab- lishment	Principal activity	Ownership, %	
			2020	2019
Center of activities maintenance of the National Bank of Kazakhstan JSC	2011	Transportation services, administration of assets	100.00	100.00
National Investment Corporation of the National Bank of Kazakhstan JSC (the “NIC NBK” JSC)	2012	Management of assets of the National Fund of the Republic of Kazakhstan and gold and foreign currency assets of the NBK, management of pension assets	100.00	100.00
The State Credit Bureau JSC	2012	Maintaining credit histories and delivering credit reports	100.00	100.00
Kazakhstan Sustainability Fund JSC (the “KSF JSC”)	2017	Ensuring financial stability of the banking sector and the economy through financial support of second-tier banks	100.00	100.00
Central Securities Depository JSC	1996	Depository operations	63.24	63.24
Mortgage Organisation “Baspana” JSC	2018	Ensuring accessibility of residential mortgage loans for population	-	100.00

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

1. INTRODUCTION, CONTINUED**(a) Organisation and operations, continued**

In December 2018 Kazakhstan Stock Exchange JSC (hereinafter, “KASE”) made a decision to place common shares at Moscow Exchange MICEX-RTS PJSC, and as a consequence, in 2019, the ownership share of the NBK in the capital of KASE reduced to less than 50% of voting shares. As a result, financial information of KASE were excluded from the consolidated financial statements of the National Bank. Starting from 2019, investments in KASE are classified as investments in associate.

Based on the Resolution of the NBK dated 23 December 2019 it was decided to reorganise MO Baspana JSC through its merger with another subsidiary of NBK, KSF JSC, in the first quarter of 2020. The merger occurred in February 2020.

Due to relocation of the NBK to Nur-Sultan city in June 2020 it was determined to open the Permanent Representation Office of the National Bank in Almaty city (hereinafter, the “Office”), with the structure of the Office and Regulation on the Office being approved.

(b) Kazakhstan business environment

The National Bank’s operations are primarily located in Kazakhstan. Consequently, the National Bank is exposed to the economic and financial markets of the Republic of Kazakhstan which display characteristics of an emerging market. The legal, tax and regulatory frameworks continue development, but are subject to varying interpretations and frequent changes which together with other legal and fiscal impediments contribute to the challenges faced by entities operating in Kazakhstan.

The first months of 2020 have seen significant global market turmoil triggered by the outbreak of the coronavirus.

The World Health Organization declared on 11 March 2020 the coronavirus (COVID-19) outbreak a pandemic. Responding to the potentially serious threat the COVID-19 presents to public health, for the purpose of protection of life and health of the citizens, a decision was made, pursuant to the legislation of the Republic of Kazakhstan, to introduce the state of emergency throughout the Republic of Kazakhstan for the period from 16 March 2020 to 12 May 2020. During the state of emergency period, regional authorities gradually introduced additional measures to enhance social distancing, including closing schools, universities, restaurants, cinemas, theatres and museums and sport facilities.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

1. INTRODUCTION, CONTINUED**(b) Kazakhstan business environment, continued**

Due to business disruption and lockdown in many countries, global oil demand drastically decreased leading to oversupply and sharp fall in oil prices. On 12 April 2020, major global oil producers including Kazakhstan agreed to a record cut in crude oil production for stabilizing the oil market.

To continue as a going concern, the National Bank keeps carrying out its operations using a remote access and takes measures to protect health of the employees working on site, including provision of the individual protective devices, observance of distancing regime, and disinfection of the National Bank's premises.

Management cannot preclude the possibility that extended lockdown periods, an escalation in severity of such measures, or a consequential adverse impact of such measures on the economic environment will have an adverse effect on the National Bank in the medium and longer term. The National Bank continues to monitor the situations closely and will respond to mitigate the impact of such events and circumstances as they occur.

The consolidated financial statements reflect management's assessment of the impact of the Kazakhstan business environment on the operations and the financial position of the National Bank. The future business environment may differ from management's assessment.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

2. BASIS OF PREPARATION**(a) Statement of compliance**

In accordance with the Law of the Republic of Kazakhstan No. 2155 dated 30 March 1995 “On the National Bank of the Republic of Kazakhstan” the NBK determines its accounting policies based on International Financial Reporting Standards (“IFRS”).

These consolidated financial statements have been prepared to present fairly the consolidated financial position of the National Bank and the results of its operations and have been prepared in accordance with the accounting policy of the NBK which was approved by the Board of Directors of the National Bank on 27 June 2013 and which the National Bank considers to be appropriate to the nature of central bank activity. The accounting policy of the National Bank is based on IFRS issued by the International Accounting Standards Board (“IASB”) and Interpretations issued by the International Financial Reporting Interpretations Committee (“IFRIC”) with principal modifications as described below:

- gold and gold deposits are revalued based on market value of gold; gains resulting from mark-to-market valuation of gold and foreign currency assets and liabilities are recognised as other comprehensive income within equity. Losses resulting from revaluation are recognised in profit or loss except to the extent that they reverse a previous revaluation increase recognised as other comprehensive income directly in equity, in which case it is recognised in other comprehensive income;

- in the financial statements certain transactions performed as part of implementation of the monetary policy and for promotion of the financial system stability are accounted for, presented and disclosed at amortised cost, cost or nominal cost depending on their economic substance and/or goals and objectives of the National Bank. In these consolidated financial statements such transactions comprise swaps with second-tier banks and other financial institutions, which are derivatives but are presented as ‘placements and loans with banks and other financial institutions’ and ‘placements of banks and other financial institutions’ (Notes 19 and 27) at nominal cost;

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

2. BASIS OF PREPARATION, CONTINUED**(a) Statement of compliance, continued**

- to perform the role and functions of the central bank and given the fact that results of investment securities management are achieved by both obtaining the contractual cash flows and their sales, the debt financial assets in the NBK portfolio which are under external management are classified into the category as “measured at fair value through other comprehensive income”, despite the fact that before 2018 these debt financial assets, which are in the NBK portfolio of assets under external management, were classified as ‘measured at fair value through profit or loss’ managed on a fair value basis in accordance with IAS 39.

Changes to significant accounting policies are described in Note 2(e).

(b) Basis of measurement

The consolidated financial statements are prepared on the historical cost basis except that gold, financial instruments at fair value through profit or loss, investment securities measured at fair value through other comprehensive income and buildings, constructions, land plots and vehicles are stated at revalued amounts.

(c) Functional and presentation currency for the purposes of consolidated financial statements

The functional currency of the National Bank and its subsidiaries is the Kazakhstan tenge (KZT) as, being the national currency of the Republic of Kazakhstan, it reflects the economic substance of the majority of underlying events and circumstances relevant to them. The Kazakhstan tenge is also the presentation currency for the purposes of these consolidated financial statements.

Financial information presented in KZT is rounded to the nearest thousand.

(d) Use of estimates and judgments

The preparation of consolidated financial statements in conformity with IFRSs requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from those estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimates are revised and in any future periods affected.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

2. BASIS OF PREPARATION, CONTINUED**(d) Use of estimates and judgments, continued****Judgments**

Information about critical judgements in applying accounting policies that have the most significant effect on the amounts recognised in the financial statements is included in the following notes:

- classification of financial assets: assessment of the business model within which the assets are held and assessment of whether the contractual terms of the financial asset are solely payments of principal and interest on the principal amount outstanding – Note 3(h)(i).

- establishing the criteria for determining whether credit risk on the financial asset has increased significantly since initial recognition, determining methodology for incorporating forward-looking information into measurement of expected credit losses (ECL) and selection and approval of models used to measure ECL – Note 4.

- statement of compliance – Note 2;

- accounting for expenses on rehabilitation of the banking sector and the economy – Note 10.

Assumptions and estimations uncertainty

Information about assumptions and estimation uncertainties that have a significant risk of resulting in a material adjustment in the consolidated financial statements for the year ended 31 December 2020 is included in the following notes:

- impairment of financial instruments: determining inputs into the ECL measurement model, including incorporation of forward-looking information – Note 4;

- fair value of subordinated and coupon bonds upon initial recognition – Note 10;

- impairment of placements and loans with banks and other financial institutions – Note 19;

- financial assets and liabilities: fair value and accounting classifications – Note 42.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

2. BASIS OF PREPARATION, CONTINUED

(e) Adjustments for prior period

During the year ended 31 December 2020 it was identified that the consolidated financial statements for 2019 did not adequately value bonds issued by the Fund of Problem Loans JSC (the “FPL bonds”) reflected under the caption “Placements and loans with banks and other financial institutions” as at 31 December 2019. During the year ended 31 December 2020 KSF JSC made a reliable assessment of the fair value of the FPL bonds as at the acquisition date and allowance for expected credit losses as at the reporting date. Except for the fair value adjustment of the FPL bonds, KSF JSC determined that the FPL bonds, which were purchased in 2018, were impaired and classified them as Stage 3 financial instruments for the year ended 31 December 2019. This classification resulted in the recognition of expenses for allowance for expected credit losses and the adjustments for the expenses on rehabilitation of the banking sector and the economy for the year ended 31 December 2019, and also the adjustments for the deferred tax assets as at 31 December 2019.

The following table summarises the impact of changes on the consolidated financial statements as at 31 December 2019 and for the year then ended:

'000 KZT	As previously reported	Impact of restatement	As restated
Consolidated statement of financial position as at 31 December 2019			
ASSETS			
Placements and loans with banks and other financial institutions	2,625,632,201	(44,871,109)	2,580,761,092
Deferred tax assets	248,828,889	(14,484,278)	234,344,611
Total assets	15,390,903,674	(59,355,387)	15,331,548,287
Equity			
Accumulated losses	(2,125,175,181)	(59,355,387)	(2,184,530,568)
Total equity attributable to equity holders of the National Bank	3,300,700,485	(59,355,387)	3,241,345,098
Total equity	3,301,904,850	(59,355,387)	3,242,549,463

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

2. BASIS OF PREPARATION, CONTINUED

(e) Adjustments for prior period, continued

'000 KZT	As previously reported	Impact of restatement	As restated
Consolidated statement of profit or loss for the year ended 31 December 2019			
Expenses on rehabilitation of the banking sector and the economy	(723,769,952)	71,031,539	(652,738,413)
Operating expenses	(655,176,721)	71,031,539	(584,145,182)
Allowance for expected credit losses	(128,324,541)	(115,902,648)	(244,227,189)
Loss before income tax	(853,841,623)	(44,871,109)	(898,712,732)
Income tax benefit	135,410,044	(14,484,278)	120,925,766
Loss for the year	(718,431,579)	(59,355,387)	(777,786,966)
Loss attributable to equity holders of the National Bank	(718,608,185)	(59,355,387)	(777,963,572)
Consolidated statement of comprehensive income for the year ended 31 December 2019			
Loss for the year	(718,431,579)	(59,355,387)	(777,786,966)
Total comprehensive income for the year	435,394,355	(59,355,387)	376,038,968
Total income attributable to equity holders of the National Bank	435,217,749	(59,355,387)	375,862,362
Consolidated statement of cash flows for the year ended 31 December 2019			
Loss before income tax	(853,841,623)	(44,871,109)	(898,712,732)
<i>Adjustments for:</i>			
Allowance for expected credit losses	128,285,939	115,902,648	244,188,587
Cash used in operating activities before changes in operating assets and liabilities	(495,189,994)	71,031,539	(424,158,455)
Increase/(decrease) in operating liabilities			
Placements and loans with banks and other financial institutions	560,341,002	(71,031,539)	489,309,463

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES

The National Bank has consistently applied the following accounting policies to all periods presented in these consolidated financial statements.

(a) Basis of consolidation**(i) Subsidiaries**

Subsidiaries are investees controlled by the National Bank. The National Bank controls an investee when it is exposed to, or has rights to, variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. In particular, the National Bank consolidates investees that it controls on the basis of de facto circumstances. The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases.

(ii) Funds management

The National Bank manages and administers assets held in investment vehicles on behalf of investors. The financial statements of these entities are not included in these consolidated financial statements except when the National Bank controls the entity.

(iii) Acquisitions and disposals of non-controlling interests

The National Bank accounts for the acquisitions and disposals of non-controlling interests as transactions with equity holders in their capacity as equity holders.

Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognised directly in equity and attributed to the owners of the National Bank.

(iv) Associates

Associates are those entities in which the National Bank has significant influence, but not control or joint control, over the financial and operating policies. The consolidated financial statements include the National Bank's share of the total recognised gains and losses of associates on an equity accounted basis, from the date that significant influence effectively commences until the date that significant influence effectively ceases. When the National Bank's share of losses exceeds the National Bank's interest (including long-term loans) in the associate, that interest is reduced to nil and recognition of further losses is discontinued except to the extent that the National Bank has incurred obligations in respect of the associate.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(a) Basis of consolidation, continued****(v) *Transactions eliminated on consolidation***

Intra-group balances and transactions, and any unrealised gains arising from intra-group transactions, are eliminated in preparing the consolidated financial statements.

(vi) *Non-controlling interests*

Non-controlling interests are the equity in a subsidiary not attributable, directly or indirectly, to the NBK.

Non-controlling interests are presented in the consolidated statement of financial position within equity, separately from the equity attributable to equity holders of the NBK. Non-controlling interests in profit or loss and total comprehensive income are separately disclosed in the consolidated statement of profit or loss and the consolidated statement of comprehensive income.

(b) Discontinued operations

A discontinued operation is a component of the National Bank's business, the operations and cash flows of which can be clearly distinguished from the rest of the National Bank and which:

- represents a separate major line of business or geographical area of operations;
- is part of a single coordinated plan to dispose of a separate major line of business or geographical area of operations; or
- is a subsidiary acquired exclusively with a view to resale.

Classification as a discontinued operation occurs upon disposal or when the operation meets the criteria to be classified as held for sale, if earlier. When an operation is classified as a discontinued operation, the comparative statement of profit or loss is presented as if the operation had been discontinued from the start of the comparative period.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(c) Gold**

Gold comprises gold deposits with foreign banks and gold bullion in depositories. Gold is measured at market price at the reporting date in the consolidated financial statements. Market price is based on the morning fixing set by London Bullion Market Association (“LBMA”). Gains on revaluation of gold are recorded directly in other comprehensive income. Losses resulting from revaluation are recognised in profit or loss except to the extent that they reverse a previous revaluation increase recognised as other comprehensive income directly in equity, in which case they are recognised in other comprehensive income. Revaluation of gold is not transferred to profit or loss.

(d) Foreign currency

Transactions in foreign currencies are translated to the respective functional currencies of the National Bank entities at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated to the functional currency at the exchange rate at that date. The foreign currency gain or loss on monetary items is the difference between amortised cost in the functional currency at the beginning of the period, adjusted for effective interest and payments during the period, and the amortised cost in foreign currency translated at the exchange rate at the end of the reporting period. Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are translated to the functional currency at the exchange rate at the date that the fair value was determined.

Non-monetary items in a foreign currency that are measured based on historical cost are translated to the functional currency using the exchange rate at the date of the transaction. Gain on foreign currency differences arising on retranslation are recognised in other comprehensive income. Losses resulting from revaluation are recognised in profit or loss except to the extent that they reverse a previous revaluation increase recognised as other comprehensive income directly in equity, in which case it is recognised in other comprehensive income. Revaluation of foreign currency is not transferred to profit or loss.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(e) Cash and cash equivalents**

Cash and cash equivalents include notes and coins on hand, unrestricted balances (nostro accounts) held with other banks, and highly liquid financial assets with original maturities of less than three months, which are subject to insignificant risk of changes in their fair value, and are used by the National Bank in the management of short-term commitments. Cash and cash equivalents are recognised at amortised cost in the consolidated statement of financial position.

(f) Interest income and expense***Effective interest rate***

Interest income and expense are recognised in profit or loss using the effective interest method. The ‘effective interest rate’ is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial instrument to:

- the gross carrying amount of the financial asset; or
- the amortised cost of the financial liability.

When calculating the effective interest rate for financial instruments other than purchased or originated credit-impaired assets, the National Bank estimates future cash flows considering all contractual terms of the financial instrument, but not expected credit losses. For purchased or originated credit-impaired financial assets, a credit-adjusted effective interest rate is calculated using estimated future cash flows including expected credit losses.

The calculation of the effective interest rate includes transaction costs and fees and points paid or received that are an integral part of the effective interest rate. Transaction costs include incremental costs that are directly attributable to the acquisition or issue of a financial asset or financial liability.

Amortised cost and gross carrying amount

The ‘amortised cost’ of a financial asset or financial liability is the amount at which the financial asset or financial liability is measured on initial recognition minus the principal repayments, plus or minus the cumulative amortisation using the effective interest method of any difference between that initial amount and the maturity amount and, for financial assets, adjusted for any expected credit loss allowance.

The ‘gross carrying amount of a financial asset’ measured at amortised cost is the amortised cost of a financial asset before adjusting for any expected credit loss allowance.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(f) Interest income and expenses, continued*****Calculation of interest income and expense***

The effective interest rate of a financial asset or financial liability is calculated on initial recognition of a financial asset or a financial liability. In calculating interest income and expense, the effective interest rate is applied to the gross carrying amount of the asset (when the asset is not credit-impaired) or to the amortised cost of the liability. The effective interest rate is revised as a result of periodic re-estimation of cash flows of floating rate instruments to reflect movements in market rates of interest. The effective interest rate is also revised for fair value hedge adjustments at the date amortisation of the hedge adjustment begins.

However, for financial assets that have become credit-impaired subsequent to initial recognition, interest income is calculated by applying the effective interest rate to the amortised cost of the financial asset. If the asset is no longer credit-impaired, then the calculation of interest income reverts to the gross basis.

For financial assets that were credit-impaired on initial recognition, interest income is calculated by applying the credit-adjusted effective interest rate to the amortised cost of the asset. The calculation of interest income does not revert to a gross basis, even if the credit risk of the asset improves.

For information on when financial assets are credit-impaired, see 3 (h)(iv).

Presentation

Interest income calculated using the effective interest method presented in the consolidated statement of profit or loss includes:

- interest on financial assets measured at amortised cost;
- interest on debt instruments measured at fair value through other comprehensive income (FVOCI).

Interest expense presented in the consolidated statement of profit or loss includes financial liabilities measured at amortised cost.

Interest income on non-derivative debt financial assets measured at fair value through profit or loss included in “Net gain on financial instruments at fair value through profit or loss” in the consolidated statement of profit or loss.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(g) Fee and commission income and expense**

Fee and commission income and expense that are integral to the effective interest rate on a financial asset or financial liability are included in the effective interest rate (see Note 3(f)).

Fee and commission income, including investment management fees, pension asset management fees, fiduciary assets fees and financial markets management and transfer operations, is recognised as the related services are provided.

Fee and commission expenses include fees related to asset management, brokerage and custody services, which are expensed as the related services are received.

Dividend income is recognised in profit or loss on the date that the dividend is declared.

(h) Financial instruments**(i) *Classification of financial instruments******Financial assets***

On initial recognition, a financial asset is classified as measured at: amortised cost, fair value through other comprehensive income (FVOCI) and fair value through profit or loss (FVTPL).

A financial asset is measured at amortised cost if it meets both of the following conditions and is not designated by the National Bank as at fair value through profit or loss:

- the asset is held within a business model whose objective is to hold assets to collect contractual cash flows; and
- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

A debt instrument is measured at FVOCI only if it meets both of the following conditions and is not designated by the National Bank as at FVTPL, except for the modifications to the accounting policy as described in Note 2(a):

- the asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets; and
- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(i) *Classification of financial instruments, continued******Financial assets, continued***

For debt financial assets measured at FVOCI, gains and losses are recognised in other comprehensive income, except for the following, which are recognised in profit or loss in the same manner as for financial assets measured at amortised cost:

- interest revenue using the effective interest method;
- expected credit losses and reversals.

When a debt financial asset measured at fair value through other comprehensive income is derecognised, the cumulative gain or loss previously recognised in other comprehensive income is reclassified from equity to profit or loss.

On initial recognition of an equity investment that is not held for trading, the National Bank may irrevocably elect to present subsequent changes in fair value in other comprehensive income. This election is made on an investment-by-investment basis.

Gains or losses on such equity instruments are never reclassified to profit or loss and no impairment is recognised in profit or loss.

Dividends are recognised in profit or loss unless they clearly represent a recovery of part of the cost of investment, in which case they are recognised in other comprehensive income. Cumulative gains and losses recognised in other comprehensive income are transferred to retained earnings (accumulated losses) on disposal of an investment.

All other financial assets are classified as measured at fair value through profit or loss.

In addition, on initial recognition the National Bank may irrevocably designate a financial asset that otherwise meets the requirements to be measured at amortised cost or at fair value through other comprehensive income as at fair value through profit or loss if doing so eliminates or significantly reduces an accounting mismatch that would otherwise arise.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(i) *Classification of financial instruments, continued******Financial assets, continued*****Business model assessment**

The National Bank makes an assessment of the objective of a business model in which an asset is held at a portfolio level because this best reflects the way the business is managed and information is provided to management. The information considered by the National Bank includes:

- the stated policies and objectives for the portfolio and the operation of those policies in practice. In particular, whether management's strategy focuses on earning contractual interest revenue, maintaining a particular interest rate profile, matching the duration of the financial assets to the duration of the liabilities that are funding those assets or realising cash flows through the sale of the assets;

- how the performance of the portfolio is evaluated and reported to the NBK's management;

- the risks that affect the performance of the business model (and the financial assets held within that business model) and how those risks are managed;

- how managers of the business are compensated – e.g. whether compensation is based on the fair value of the assets managed or the contractual cash flows collected; and

- the frequency, volume and timing of sales in prior periods, the reasons for such sales and expectations about future sales activity. However, information about sales activity is not considered in isolation, but as part of an overall assessment of how the NBK's stated objective for managing the financial assets is achieved and how cash flows are realised.

Financial assets that are held for trading or managed and whose performance is evaluated on a fair value basis are measured at FVTPL because they are neither held to collect contractual cash flows nor held both to collect contractual cash flows and to sell financial assets.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(i) Classification of financial instruments, continued*****Financial assets, continued*****Assessment whether contractual cash flows are solely payments of principal and interest**

For the purposes of this assessment, ‘principal’ is defined as the fair value of the financial asset on initial recognition. ‘Interest’ is defined as consideration for the time value of money, for the credit risk associated with the principal amount outstanding during a particular period of time and for other basic lending risks and costs (e.g. liquidity risk and administrative costs), as well as a profit margin.

In assessing whether the contractual cash flows are solely payments of principal and interest, the National Bank considers the contractual terms of the instrument. This includes assessing whether the financial asset contains a contractual term that could change the timing or amount of contractual cash flows such that it would not meet this condition. In making the assessment, the National Bank considers:

- contingent events that would change the amount and timing of cash flows;
- leverage features;
- prepayment and extension terms;
- terms that limit the National Bank’s claim to cash flows from specified assets (e.g. non-recourse features); and
- features that modify consideration of the time value of money – e.g. periodical reset of interest rates.

Reclassification

Financial assets are not reclassified subsequent to their initial recognition, except in the period after the National Bank changes its business model for managing financial assets.

Financial liabilities

Financial liabilities are not reclassified subsequent to their initial recognition.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(ii) Derecognition****Financial assets**

The National Bank derecognises a financial asset when the contractual rights to the cash flows from the financial asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred or in which the National Bank neither transfers nor retains substantially all of the risks and rewards of ownership and it does not retain control of the financial asset.

On derecognition of a financial asset, the difference between the carrying amount of the asset (or the carrying amount allocated to the portion of the asset derecognised) and the sum of (i) the consideration received (including any new asset obtained less any new liability assumed) and (ii) any cumulative gain or loss that had been recognised in other comprehensive income is recognised in profit or loss.

Any cumulative gain/loss recognised in other comprehensive income in respect of equity investment securities designated as at FVOCI is not recognised in profit or loss on derecognition of such securities. Any interest in transferred financial assets that qualify for derecognition that is created or retained by the National Bank is recognised as a separate asset or liability.

The National Bank enters into transactions whereby it transfers assets recognised on its consolidated statement of financial position, but retains either all or substantially all of the risks and rewards of the transferred assets or a portion of them. In such cases, the transferred assets are not derecognised. Examples of such transactions are securities lending and sale-and-repurchase transactions.

In transactions in which the National Bank neither retains nor transfers substantially all of the risks and rewards of ownership of a financial asset and it retains control over the asset, the National Bank continues to recognise the asset to the extent of its continuing involvement, determined by the extent to which it is exposed to changes in the value of the transferred asset.

Financial liabilities

The National Bank derecognises a financial liability when its contractual obligations are discharged or cancelled, or expire.

Any cumulative gain/loss recognised in other comprehensive income in respect of financial liabilities designated as at FVOCI is not recognised in profit or loss on derecognition of such financial liabilities (Note 3(1)).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iii) *Modification of financial assets and financial liabilities*****Financial assets**

If the terms of a financial asset are modified, the National Bank evaluates whether the cash flows of the modified asset are substantially different. If the cash flows are substantially different (referred to as ‘substantial modification’), then the contractual rights to cash flows from the original financial asset are deemed to have expired. In this case, the original financial asset is derecognised and a new financial asset is recognised at fair value plus any eligible transaction costs. Any fees received as part of the modification are accounted for as follows:

- fees that are considered in determining the fair value of the new asset and fees that represent reimbursement of eligible transaction costs are included in the initial measurement of the asset; and
- other fees are included in profit or loss as part of the gain or loss on derecognition.

Changes in cash flows on existing financial assets or financial liabilities are not considered as modification, if they result from existing contractual terms.

The National Bank performs a quantitative and qualitative evaluation of whether the modification is substantial, i.e. whether the cash flows of the original financial asset and the modified or replaced financial asset are substantially different. The National Bank assesses whether the modification is substantial based on quantitative and qualitative factors in the following order: qualitative factors, quantitative factors, combined effect of qualitative and quantitative factors.

If the cash flows are substantially different, then the contractual rights to cash flows from the original financial asset deemed to have expired. In making this evaluation the National Bank analogizes to the guidance on the derecognition of financial liabilities.

The National Bank concludes that the modification is substantial as a result of the following qualitative factors:

- the change in the currency of a financial asset;
- change in collateral or other credit enhancement;
- change of terms of financial asset that lead to non-compliance with SPPI criterion (e.g. inclusion of conversion feature).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iii) *Modification of financial assets and financial liabilities, continued*****Financial assets, continued**

If cash flows are modified when the counterparty/issuer is in financial difficulties, then the objective of the modification is usually to maximise recovery of the original contractual terms rather than to originate a new asset with substantially different terms.

If the National Bank plans to modify a financial asset in a way that would result in forgiveness of cash flows, then it first considers whether a portion of the asset should be written off before the modification takes place (see below for write off policy). This approach impacts the result of the quantitative evaluation and means that the derecognition criteria are not usually met in such cases. The National Bank further performs qualitative evaluation of whether the modification is substantial.

If the modification of a financial asset measured at amortised cost or FVOCI does not result in derecognition of the financial asset, then the National Bank first recalculates the gross carrying amount of the financial asset using the original effective interest rate of the asset and recognises the resulting adjustment as a modification gain or loss in profit or loss. For floating-rate financial assets, the original effective interest rate used to calculate the modification gain or loss is adjusted to reflect current market terms at the time of the modification.

Any costs or fees incurred and fees received as part of the modification adjust the gross carrying amount of the modified financial asset and are amortised over the remaining term of the modified financial asset.

If such a modification is carried out because of financial difficulties of the counterparty/issuer, then the gain or loss is presented together with impairment losses. In other cases, it is presented as interest income calculated using the effective interest method (see Note 3(f)).

Financial liabilities

The National Bank derecognises a financial liability when its terms are modified and the cash flows of the modified liability are substantially different. In this case, a new financial liability based on the modified terms is recognised at fair value.

The difference between the carrying amount of the financial liability extinguished and the new financial liability with modified terms is recognised in profit or loss. Consideration paid includes non-financial assets transferred, if any, and the assumption of liabilities, including the new modified financial liability.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iii) *Modification of financial assets and financial liabilities, continued***
Financial liabilities, continued

The National Bank assesses whether the modification is substantial based on quantitative and qualitative factors in the following order: qualitative factors, quantitative factors, combined effect of qualitative and quantitative factors.

The National Bank concludes that the modification is substantial as a result of the following qualitative factors:

- change the currency of the financial liability;
- inclusion of conversion feature.

For the quantitative assessment the terms are substantially different if the discounted present value of the cash flows under the new terms, including any fees paid net of any fees received and discounted using the original effective interest rate, is at least 10 per cent different from the discounted present value of the remaining cash flows of the original financial liability.

If the modification of a financial liability is not accounted for as derecognition, then the amortised cost of the liability is recalculated by discounting the modified cash flows at the original effective interest rate and the resulting gain or loss is recognised in profit or loss. For floating-rate financial liabilities, the original effective interest rate used to calculate the modification gain or loss is adjusted to reflect current market terms at the time of the modification.

Any costs and fees incurred are recognised as an adjustment to the carrying amount of the liability and amortised over the remaining term of the modified financial liability by re-computing the effective interest rate on the instrument.

(iv) *Impairment*

See also Note 4.

The National Bank recognises loss allowances for expected credit losses (ECL) on the following financial instruments that are not measured at FVTPL:

- financial assets that are debt instruments;
- financial guarantee contracts issued;
- loan commitments issued.

No impairment loss is recognised on equity investments.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iv) Impairment, continued**

The National Bank measures loss allowances at an amount equal to lifetime ECLs, except for the following, which are measured at 12-month ECLs:

- debt investment securities that are determined to have low credit risk at the reporting date; and
- other financial instruments on which credit risk has not increased significantly since their initial recognition (see Note 4).

The National Bank considers a debt investment security to have low credit risk when its credit risk rating is equivalent to the globally understood definition of ‘investment grade’.

12-month ECL are the portion of ECL that result from default events on a financial instrument that are possible within the 12 months after the reporting date. Financial instruments for which a 12-month ECL is recognised are referred to as ‘Stage 1’ financial instruments.

Lifetime ECLs are the ECLs that result from all possible default events over the expected life of the financial instrument.

Financial instruments, for which a lifetime ECL is recognised are referred to as ‘Stage 2’ financial instruments (if the credit risk has increased significantly since initial recognition, but the financial instruments are not credit-impaired) and ‘Stage 3’ financial instruments (if the financial instruments are credit-impaired).

Measurement of ECL

ECL are a probability-weighted estimate of credit losses. They are measured as follows:

- financial assets that are not credit-impaired at the reporting date: as the present value of all cash shortfalls (i.e. the difference between the cash flows due to the National Bank in accordance with the contract and the cash flows that the National Bank expects to receive);
- financial assets that are credit-impaired at the reporting date: as the difference between the gross carrying amount and the present value of estimated future cash flows; and
- financial guarantee contracts: the present value of expected payments to reimburse the holder less any amounts that the National Bank expects to recover.

See also Note 4.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iv) Impairment, continued*****Restructured financial assets***

If the terms of a financial asset are renegotiated or modified or an existing financial asset is replaced with a new one due to financial difficulties of the counterparty/issuer, then an assessment is made of whether the financial asset should be derecognised and ECL are measured as follows.

- If the expected restructuring will not result in derecognition of the existing asset, then the expected cash flows arising from the modified financial asset are included in calculating the cash shortfalls from the existing asset (see Note 4).

- If the expected restructuring will result in derecognition of the existing asset, then the expected fair value of the new asset is treated as the final cash flow from the existing financial asset at the time of its derecognition. This amount is included in calculating the cash shortfalls from the existing financial asset that are discounted from the expected date of derecognition to the reporting date using the original effective interest rate of the existing financial asset.

Credit-impaired financial assets

At each reporting date, the National Bank assesses whether financial assets carried at amortised cost and debt financial assets carried at FVOCI are credit-impaired. A financial asset is 'credit-impaired' when one or more events that have a detrimental impact on the estimated future cash flows of the financial asset have occurred.

Evidence that a financial asset is credit-impaired includes the following observable data:

- significant financial difficulty of the counterparty or issuer;
- a breach of contract such as a default or past due event;
- the restructuring of a loan or advance by the National Bank on terms that the National Bank would not consider otherwise;
- it is becoming probable that the counterparty will enter bankruptcy or other financial reorganisation; or
- the disappearance of an active market for a security because of financial difficulties.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iv) Impairment, continued*****Credit-impaired financial assets, continued***

A loan that has been renegotiated due to a deterioration in the borrower's condition is usually considered to be credit-impaired unless there is evidence that the risk of not receiving contractual cash flows has reduced significantly and there are no other indicators of impairment. In addition, a loan that is overdue for 90 days or more is considered impaired.

In making an assessment of whether an investment in sovereign debt (other financial assets) is credit-impaired, the National Bank considers the following factors:

- the market's assessment of creditworthiness as reflected in the bond yields;
- the rating agencies' assessments of creditworthiness;
- the country's ability to access the capital markets for new debt issuance;
- the probability of debt being restructured, resulting in holders suffering losses through voluntary or mandatory debt forgiveness;
- the international support mechanisms in place to provide the necessary support as 'lender of last resort' to that country, as well as the intention, reflected in public statements, of governments and agencies to use those mechanisms. This includes an assessment of the depth of those mechanisms and, irrespective of the political intent, whether there is the conformity with the required criteria.

Presentation of allowance for ECL in the consolidated statement of financial position

Loss allowances for ECL are presented in the consolidated statement of financial position as follows:

- *financial assets measured at amortised cost*: as a deduction from the gross carrying amount of the assets;
- *debt instruments measured at FVOCI*: no loss allowance is recognised in the consolidated statement of financial position because the carrying amount of these assets is their fair value. However, the loss allowance is disclosed and is recognised in the fair value reserve.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iv) Impairment, continued*****Write-offs***

Loans and debt securities are written off (either partially or in full) when there is no reasonable expectation of recovering a financial asset in its entirety or a portion thereof. This is generally the case when the National Bank determines that the counterparty does not have assets or sources of income that could generate sufficient cash flows to repay the amounts subject to the write-off. This assessment is carried out at the individual asset level.

Recoveries of amounts previously written off are included in ‘impairment losses on financial instruments’ in the consolidated statement of profit or loss.

Financial assets that are written off could still be subject to enforcement activities in order to comply with the National Bank’s procedures for recovery of amounts due.

Non-integral financial guarantee contracts

The National Bank assesses whether a financial guarantee contract held is an integral element of a financial asset that is accounted for as a component of that instrument or is a contract that is accounted for separately. The factors that the National Bank considers when making this assessment include whether:

- the guarantee is implicitly part of the contractual terms of the debt instrument;
- the guarantee is required by laws and regulations that govern the contract of the debt instrument;
- the guarantee is entered into at the same time as and in contemplation of the debt instrument; and
- the guarantee is given by the parent of the borrower or another company within the borrower’s group.

If the National Bank determines that the guarantee is an integral element of the financial asset, then any premium payable in connection with the initial recognition of the financial asset is treated as a transaction cost of acquiring it. The National Bank considers the effect of the protection when measuring the fair value of the debt instrument and when measuring ECL.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(iv) Impairment, continued*****Non-integral financial guarantee contracts, continued***

If the National Bank determines that the guarantee is not an integral element of the debt instrument, then it recognises an asset representing any prepayment of guarantee premium and a right to compensation for credit losses. A prepaid premium asset is recognised only if the guaranteed exposure neither is credit-impaired nor has undergone a significant increase in credit risk when the guarantee is acquired.

These assets are recognised as ‘other assets’. The National Bank presents gains or losses on a compensation right in profit or loss in the line item ‘reserves for credit losses’.

(v) Designation at fair value through profit or loss**Financial assets**

At initial recognition, the National Bank has designated certain financial assets as at FVTPL because this designation eliminates or significantly reduces an accounting mismatch, which would otherwise arise.

Financial liabilities

At initial recognition, the National Bank has designated certain financial liabilities as at FVTPL in either of the following circumstances:

- the liabilities are managed, evaluated and reported internally on a fair value basis; or
- the designation eliminates or significantly reduces an accounting mismatch that would otherwise arise.

(vi) Repurchase and reverse repurchase agreements

Securities sold under sale and repurchase (repo) agreements are accounted for as secured financing transactions, with the securities retained in the consolidated statement of financial position and the counterparty liabilities are recorded as repo agreements in the separate line of the consolidated statement of financial position. The difference between the sale and repurchase prices represents interest expense and is recognised in profit or loss over the term of the repo agreement using the effective interest method.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(vi) *Repurchase and reverse repurchase agreements, continued***

Securities purchased under agreements to resell (reverse repo) are recorded as reverse repurchase agreements in the separate line of the consolidated statement of financial position. The difference between the purchase and resale prices represents interest income and is recognised in profit or loss over the term of the reverse repo agreement using the effective interest method.

(vii) *Derivatives*

Derivative financial instruments include swaps, forwards, futures and options in interest rates, foreign exchanges, precious metals and stock markets, and any combinations of these instruments.

Derivatives are initially recognised at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at fair value. All derivatives are carried as assets when their fair value is positive and as liabilities when their fair value is negative.

Changes in the fair value of derivatives are recognised immediately in profit or loss.

Although the National Bank trades in derivative instruments for risk hedging purposes, these instruments do not qualify for hedge accounting.

Forward, futures, option and swap deals concluded for the purpose of the monetary policy execution are recognised at either nominal or amortised cost, or at cost depending on their content and economic nature.

Embedded derivatives

Derivatives may be embedded in another contractual arrangement (a host contract). The National Bank accounts for an embedded derivative separately from the host contract when:

- the host contract is not an asset in the scope of IFRS 9;
- the host contract is not itself carried at FVTPL;
- the terms of the embedded derivative would meet the definition of a derivative if they were contained in a separate contract; and
- the economic characteristics and risks of the embedded derivative are not closely related to the economic characteristics and risks of the host contract.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(h) Financial instruments, continued****(vii) Derivatives, continued*****Embedded derivatives, continued***

Separated embedded derivatives are measured at fair value, with all changes in fair value recognised in profit or loss unless they form part of a qualifying cash flow or net investment hedging relationship.

(viii) Offsetting

Financial assets and liabilities of the National Bank are offset and the net amount reported in the consolidated 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.

(i) Currency in circulation

Currency in circulation is recorded in the consolidated statement of financial position at nominal value.

Currency in circulation is recorded as a liability when cash is issued by the National Bank to commercial banks. Banknotes and coins in national currency held in the vaults and cash offices are not included in the currency in circulation.

Banknotes and coins production expense include expenses for security, transportation, insurance and other expenses. Banknotes and coins production expense are recognised upon delivery to the vaults and recorded as a separate item in the consolidated income statement.

(j) Placements and loans with banks and other financial institutions

‘Placements and loans with banks and other financial institutions’ caption in the consolidated statement of financial position includes:

- loans to banks and placements with banks measured at amortised cost (see Note 3(h)(i)); they are initially measured at fair value plus incremental direct transaction costs, and subsequently at their amortised cost using the effective interest method;

- loans to banks mandatorily measured at FVTPL due to non-compliance with the SPPI-criterion (see Note 3(h)(i)) or designated as at FVTPL (see Note 3(h)(v)); these are measured at fair value with changes recognised immediately in profit or loss;

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(j) Placements and loans with banks and other financial institutions, continued**

- swap transactions concluded with the second-tier banks and other financial institutions as part of implementation of the monetary policy and for promotion of the financial system stability, which are derivatives but are accounted for and presented at nominal cost (Note 2).

(k) Investment securities

The ‘investment securities’ caption, presented in line items such as “Financial instruments under management at fair value through profit or loss”, “Investment securities at fair value through other comprehensive income” and “Investment securities measured at amortised cost” in the consolidated statement of financial position include:

- debt investment securities measured at amortised cost (see Note 3(h)(i)); these are initially measured at fair value plus incremental direct transaction costs, and subsequently at their amortised cost using the effective interest method;
- debt and equity investment securities mandatorily measured at FVTPL or designated as at FVTPL (see Note 3(h)(i) and (h)(v)); these are measured at fair value with changes recognised immediately in profit or loss;
- debt securities measured at FVOCI (see Note 3(h)(i)); and
- equity investment securities designated as at FVOCI (see Note 3(h)(i)).

(l) Deposits of banks and other financial institutions, debt securities issued

Deposits of banks and other financial institutions, debt securities issued are initially measured at fair value minus incremental direct transaction costs, and subsequently measured at their amortised cost using the effective interest method.

Debt securities issued are recognised in accounting as at the transaction date.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(m) Special guarantee reserve**

According to the Law of the Republic of Kazakhstan “On the obligatory guarantee of deposits placed in the second tier banks of the Republic of Kazakhstan” (with amendments dated 24 November 2015) the subsidiary of the National Bank – KDIF JSC is due to compensate the participating banks’ depositors amounts up to a certain level in case of forced liquidation of a participating bank. The National Bank establishes a reserve of guarantee funds to accumulate contributions of the banks that participate in the deposit guarantee scheme. In accordance with the National Bank’s accounting policy reserves of guarantee funds are formed at the expense of the accumulated contributions received from the participating banks.

(n) Fiduciary assets

The National Bank provides custody services that result in holding of assets on behalf of third parties. These assets and income arising thereon are not recognised in these consolidated financial statements as they are not assets of the National Bank. Commissions received from such business are shown within fee and commission income in profit or loss.

(o) Property, plant and equipment**(i) Owned assets**

Items of property and equipment are stated in the consolidated financial statements at cost less accumulated depreciation and impairment losses, except for buildings, constructions, land plots and vehicles, which are stated at revalued amounts as described below.

Where an item of property and equipment comprises major components having different useful lives, they are accounted for as separate items of property and equipment.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

(o) Property, plant and equipment, continued

(ii) Revaluation

Buildings, constructions, land plots and motor vehicles are subject to revaluation once per five years and if their carrying amounts are significantly different from their fair values. A revaluation increase on buildings, constructions, land plots and vehicles is recognised as other comprehensive income except to the extent that it reverses a previous revaluation decrease recognised in profit or loss, in which case it is recognised in profit or loss.

A revaluation decrease on buildings, constructions, land plots and vehicles is recognised in profit or loss except to the extent that it reverses a previous revaluation increase recognised as other comprehensive income directly in equity, in which case it is recognised in other comprehensive income.

(iii) Depreciation

Depreciation is charged to profit or loss on a straight-line basis over the estimated useful lives of the individual assets. Depreciation of the equipment of RSE “Banknote Factory of National Bank of the Republic of Kazakhstan” and RSE “Kazakhstan Mint of the National Bank of the Republic of Kazakhstan” used in production of the banknotes and coins is charged to profit and loss on a unit of production method over the expected output of the individual assets.

Depreciation commences on the date of acquisition or, in respect of internally constructed assets, from the time an asset is completed and ready for use. Land is not depreciated. The estimated useful lives are as follows:

Buildings and constructions	7 to 50 years;
Furniture and equipment	5 to 10 years;
Computer equipment	3 to 8 years;
Vehicles	6 to 25 years.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(p) Intangible assets**

Acquired intangible assets are stated at cost less accumulated amortisation and impairment losses.

Acquired computer software licenses are capitalised on the basis of the costs incurred to acquire and bring to use the specific software.

Amortisation is charged to profit or loss on a straight-line basis over the estimated useful lives of intangible assets. The estimated useful lives range from 1 to 10 years.

(q) Impairment of assets***Non-financial assets***

Non-financial assets, other than deferred taxes, are assessed at each reporting date for any indications of impairment. The recoverable amount of goodwill is estimated at each reporting date. The recoverable amount of non-financial assets is the greater of their fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For an asset that does not generate cash inflows largely independent of those from other assets, the recoverable amount is determined for the cash-generating unit to which the asset belongs.

An impairment loss is recognised when the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount.

All impairment losses in respect of non-financial assets are recognised in profit or loss and reversed only if there has been a change in the estimates used to determine the recoverable amount. Any impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised. An impairment loss in respect of goodwill is not reversed.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(r) Credit related commitments**

In the normal course of business, the National Bank enters into credit related commitments, comprising undrawn loan commitments, letters of credit and guarantees, and provides other forms of credit insurance.

Financial guarantees are contracts that require the National Bank to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payment when due in accordance with the terms of a debt instrument.

Financial guarantees issued at a below-market interest rate are initially measured at fair value. Subsequently, they are measured at the higher of the loss allowance determined in accordance with IFRS 9 (see Note 3(h)(iv)) and the amount initially recognised less, when appropriate, the cumulative amount of income recognised in accordance with the principles of IFRS 15.

(s) Taxation

In accordance with legislation of the Republic of Kazakhstan, the NBK is exempt from income tax and value-added tax.

Subsidiaries and associate organisations of the NBK are subject to all taxes.

Income tax comprises current and deferred tax. Income tax is recognised in profit or loss except to the extent that it relates to items of other comprehensive income or transactions with shareholders recognised directly in equity, in which case it is recognised within other comprehensive income or directly within equity.

Current tax expense is the expected tax payable on the taxable income for the year, using tax rates enacted or substantially enacted at the reporting date, and any adjustment to tax payable in respect of previous years.

Deferred tax assets and liabilities are recognised in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax assets and liabilities are not recognised for the following temporary differences: goodwill not deductible for tax purposes, the initial recognition of assets or liabilities that affect neither accounting nor taxable profit and temporary differences related to investments in subsidiaries, where the parent is able to control the timing of the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(s) Taxation, continued**

The measurement of deferred tax assets and liabilities reflects the tax consequences that would follow the manner in which the National Bank expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

Deferred tax assets and liabilities are measured at the tax rates that are expected to be applied to the temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date.

Deferred tax assets are recognised only to the extent that it is probable that future taxable profits will be available against which the temporary differences, unused tax losses and credits can be utilised. Deferred tax assets are reduced to the extent that it is no longer probable that taxable profit will be available against which the deductible temporary differences can be utilised.

(t) Segment reporting

Activity of the National Bank represents one operating segment for the purposes of IFRS 8 *Operating Segments*. An operating segment is a component of the National Bank that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses related to transactions with other components of the National Bank); whose operating results are regularly reviewed by the chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and for which discrete financial information is available.

(u) Leases

At inception of a contract, the National Bank assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the National Bank uses the definition of a lease in IFRS 16.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(u) Leases, continued***As a lessee*

At commencement or on modification of a contract that contains a lease component, the National Bank allocates the consideration in the contract to each lease component on the basis of its relative stand-alone prices. The National Bank recognises a right-of-use asset and a lease liability at the lease commencement date. The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is located, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the end of the lease term, unless the lease transfers ownership of the underlying asset to the National Bank by the end of the lease term or the cost of the right-of-use asset reflects that the National Bank will exercise a purchase option. In that case the right-of-use asset will be depreciated over the useful life of the underlying asset, which is determined on the same basis as those of property and equipment. In addition, the right-of-use asset is periodically reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the National Bank's incremental borrowing rate. Generally, the National Bank uses its incremental borrowing rate as the discount rate.

The National Bank determines its incremental borrowing rate by obtaining interest rates from various external and internal sources and if necessary, makes certain adjustments to reflect the terms of the lease and type of the asset leased.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(u) Leases, continued***As a lessee, continued*

The lease liability is measured at amortised cost using the effective interest method. It is remeasured when there is a change in future lease payments arising from a change in an index or rate, if there is a change in the National Bank's estimate of the amount expected to be payable under a residual value guarantee, if the National Bank changes its assessment of whether it will exercise a purchase, extension or termination option or if there is a revised in-substance fixed lease payment.

When the lease liability is remeasured in this way, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

The National Bank used a number of practical expedients when applying IFRS 16 to leases previously classified as operating leases under IAS 17. In particular, the National Bank:

- applied the exemption not to recognise right-of-use assets and liabilities for leases with less than 12 months of lease term;
- excluded initial direct costs from the measurement of the right-of-use asset at the date of initial application.

(v) Standards issued but not yet effective

A number of new standards and amendments to standards are effective for annual periods beginning after 1 January 2021 and earlier application is permitted; however, the NBK has not early adopted the new or amended standards in preparing these consolidated financial statements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

3. SIGNIFICANT ACCOUNTING POLICIES, CONTINUED**(v) Standards issued but not yet effective, continued****Interest Rate Benchmark Reform – Phase 2 (Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16)**

The Phase 2 amendments provide practical relief from certain requirements in the standards. These reliefs relate to modifications of financial instruments, lease contracts or hedging relationships when a benchmark interest rate in a contract is replaced with a new alternative benchmark rate. When the basis for determining the contractual cash flows of a financial instrument is changed as a direct consequence of interest rate benchmark reform and is made on an economically equivalent basis, the Phase 2 amendments provide a practical expedient to update the effective interest rate of a financial instrument before applying the existing requirements in the standards. The amendments also provide an exception to use a revised discount rate that reflects the change in interest rate when remeasuring a lease liability because of a lease modification that is required by interest rate benchmark reform. Finally, the Phase 2 amendments provide a series of reliefs from certain hedge accounting requirements when a change required by interest rate benchmark reform occurs to a hedged item and/or hedging instrument and consequently the hedge relationship can be continued without any interruption.

Other standards

The following standards, amendments and interpretations are not expected to have a significant impact on the Company's financial statements:

- COVID-19-Related Rent Concessions (Amendment to IFRS 16).
- Property, Plant and Equipment: Proceeds before Intended Use (Amendments to IAS 16).
- Reference to Conceptual Framework (Amendments to IFRS 3).
- Classification of Liabilities as Current or Non-current (Amendments to IAS 1).
- Onerous contracts – Cost of Fulfilling a Contract (Amendments to IAS 37).
- IFRS 17 Insurance Contracts.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

4. FINANCIAL RISK REVIEW

This note presents information about the National Bank's exposure to financial risks. For information on the National Bank's financial risk management framework, see Note 37.

Credit risk - Amounts arising from ECL**Inputs, assumptions and techniques used for estimating impairment**

See accounting policy in Note 3(h)(iv).

Significant increase in credit risk

When determining whether the risk of default on a financial instrument has increased significantly since initial recognition, the National Bank considers reasonable and supportable information that is relevant and available without undue cost or effort. This includes both quantitative and qualitative information and analysis, based on the National Bank's historical experience and expert credit assessment and including forward-looking information.

The objective of the assessment is to identify whether a significant increase in credit risk has occurred for an exposure by comparing:

- the remaining lifetime probability of default (PD) as at the reporting date; with
- the remaining lifetime PD for this point in time that was estimated on initial recognition of the exposure.

Assessing whether credit risk has increased significantly since initial recognition of a financial instrument requires identifying the date of initial recognition of the instrument.

The National Bank uses two main criteria for determining whether there has been a significant increase in credit risk:

- quantitative criteria;
- qualitative indicators.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

4. FINANCIAL RISK REVIEW, CONTINUED**Credit risk - Amounts arising from ECL, continued****Credit risk grades**

The National Bank allocates each exposure to a credit risk grade based on a variety of data that is determined to be predictive of the risk of default and applying experienced credit judgement. The National Bank will use these credit risk grades to identify significant increase in credit risk in accordance with IFRS 9. The credit risk grades are defined using qualitative and quantitative factors that are indicative of the risk of default. These factors vary depending on the nature of the exposure and the type of counteragent.

Credit risk grades are defined and calibrated such that the risk of default occurring increases exponentially as the credit risk deteriorates so, for example, the difference in risk of default between credit risk grades 1 and 2 is smaller than the difference between credit risk grades 2 and 3.

Each exposure is allocated to a credit risk grade at initial recognition based on available information about the borrower and assigned external credit rating according to international credit rating agencies. Exposures are subject to ongoing monitoring, which may result in an exposure being moved to a different credit risk grade. The monitoring typically involves use of the following data:

- data from credit reference agencies, press articles, changes in external credit ratings;
- information obtained during periodic review of counterparty files – e.g. audited financial statements, management accounts, budgets and projections;
- payment record – this includes overdue status;
- quoted bond and credit default swap (CDS) prices for the issuer where available;
- existing and forecast changes in business, financial and economic conditions;
- actual and expected significant changes in the political, regulatory and technological environment of the borrower or in its business activities.

Generating the term structure of PD

Credit risk grades are a primary input into the determination of the term structure of PD for exposures. The National Bank collects performance and default information about its credit risk exposures analysed by region and by type of counterparty as well as by credit risk grading. The National Bank mainly uses information purchased from external credit reference agencies.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

4. FINANCIAL RISK REVIEW, CONTINUED**Credit risk - Amounts arising from ECL, continued****Determining whether credit risk has increased significantly**

The National Bank assesses whether credit risk has increased significantly since initial recognition at each reporting period. Determining whether an increase in credit risk is significant depends on the characteristics of the financial instrument and the borrower, and the geographical region.

Significant increase in credit risk – change in the credit rating of a financial asset by two grades relative to the credit rating at the date of initial recognition of the financial asset and (or) if there is breach of contract and (or) if there are outstanding payments overdue by 30-89 calendar days, which are related to the liabilities to the National Bank.

Definition of default

The National Bank considers a financial asset to be in default when:

- the counterparty/issuer is unlikely to pay its credit obligations to the National Bank in full, without recourse by the National Bank to actions such as realising security (if any is held);
- the counterparty/issuer is past due more than 90 days on any material credit obligation to the National Bank.

In assessing whether a borrower is in default, the National Bank considers indicators that are:

- qualitative – e.g. breaches of covenant;
- quantitative – e.g. overdue status and non-payment on another obligation of the same issuer to the National Bank; and
- based on data developed internally and obtained from external sources.

Inputs into the assessment of whether a financial instrument is in default and their significance may vary over time to reflect changes in circumstances.

Incorporating of forward-looking information

The National Bank incorporates forward-looking information into both the assessment of whether the credit risk of an instrument has increased significantly since its initial recognition and the measurement of ECL.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

4. FINANCIAL RISK REVIEW, CONTINUED**Credit risk - Amounts arising from ECL, continued
Incorporating of forward-looking information, continued**

The National Bank has identified and documented key drivers of credit risk and credit losses for each portfolio of financial instruments and, using an analysis of historical data, has estimated relationships between macro-economic variables and credit risk and credit losses. The National Bank also uses the forecast of international rating agencies (Rating Outlook) when calculating the correction of the forecast PD, based on the current rating of the counterparty/securities issuer.

Macroeconomic analysis is carried out on the basis of data on forecasts of changes in unemployment, gross domestic income of the country, data on energy and non-energy indices, the stock index of countries and changes in the share of financial assets with a reduced credit rating in the overall portfolio of financial assets of the National Bank.

Macroeconomic analysis for each country of a financial asset is taken into account when transforming the indicators of TTC PD (Through-the-Cycle PD) into the indicators of PIT PD (Point-in-Time PD).

Modified financial assets

The contractual terms of a loan may be modified for a number of reasons, including changing market conditions and other factors not related to a current or potential credit deterioration of the counterparty. An existing loan whose terms have been modified may be derecognised and the renegotiated loan recognised as a new loan at fair value in accordance with the accounting policy set out in Note 3(h)(iii).

When the terms of a financial asset are modified and the modification does not result in derecognition, the determination of whether the asset's credit risk has increased significantly reflects comparison of:

- its remaining lifetime PD at the reporting date based on the modified terms;
- with
- the remaining lifetime PD estimated based on data at initial recognition and the original contractual terms.

When modification results in derecognition, a new loan is recognised and allocated to Stage 1 (assuming it is not credit-impaired at that time).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

4. FINANCIAL RISK REVIEW, CONTINUED**Measurement of ECL**

The key inputs into the measurement of ECL are the term structure of the following variables:

- probability of default (PD);
- loss given default (LGD); and
- exposure at default (EAD).

PD estimates are estimates at a certain date, which are calculated based on information of external credit rating agency S&P and issuer's/counterparty's economy sector and credit rating model purchased from S&P Global Market Intelligence LLC. If a counterparty or exposure migrates between rating classes, then this will lead to a change in the estimate of the associated PD.

Loss given default (LGD) is the magnitude of the likely loss if there is a default. The National Bank will estimate LGD parameters based on the history of recovery rates according to the data of international rating agencies, Bloomberg system and ECL model purchased from S&P Global Market Intelligence LLC.

To estimate allowance for expected credit losses, conservative rating assessment from rating agencies is used, i.e. the lowest rating according to international rating agencies Moody's, Fitch and S&P. Expected credit losses on financial assets are determined based on ECL forecast models.

EAD represents the positive carrying amount of claims outstanding as at the date of ECL calculation.

The National Bank will derive the EAD from the current exposure to the counterparty and potential changes to the current amount allowed under the contract. The EAD of a financial asset will be the gross carrying amount at default.

PD for financial assets in the first basket is calculated for 12 months.

For assessment of PD and LGD for financial assets in the second basket, a lifetime PD is used.

PD for financial assets in the third basket is equated to 100%.

Credit quality analysis

The following table sets out information about the credit quality of accounts, placements with banks and other financial institutions, investment securities measured at FVOCI, investment securities measured at amortised cost, claims for repurchased loans and short-term receivables, included in other assets, as at 31 December 2020 and 31 December 2019.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

4. FINANCIAL RISK REVIEW, CONTINUED

Credit quality analysis, continued

Unless specially indicated, for financial assets, the amounts in the table represent gross carrying amounts.

‘000 KZT	31 December 2020			
	Stage 1	Stage 2	Stage 3	Total
<i>Placements and loans with banks and other financial institutions</i>				
Rated AAA	876,811,611	-	-	876,811,611
Rated from AA- to AA+	1,938,016,887	5,519,290	-	1,943,536,177
Rated from A- to A+	132,218,515	-	-	132,218,515
Rated from BBB- to BBB+	753,136,673	51,505	-	753,188,178
Rated from BB- to BB+	252,140,620	15,391	-	252,156,011
Rated from B- to B+	245,403,913	-	-	245,403,913
Rated from CCC- to CCC+	-	-	14,088,019	14,088,019
Not rated*	135,767,657	-	33,105,332	168,872,989
Gross carrying amount	4,333,495,876	5,586,186	47,193,351	4,386,275,413
Loss allowance	(6,017,737)	(407)	(41,567,269)	(47,585,413)
Carrying amount	4,327,478,139	5,585,779	5,626,082	4,338,690,000

‘000 KZT	31 December 2020			
	Stage 1	Stage 2	Stage 3	Total
<i>Investment securities at fair value through other comprehensive income</i>				
Rated AAA	128,884,582	-	-	128,884,582
Rated from AA- to AA+	941,890,542	4,578,099	-	946,468,641
Rated from A- to A+	465,484,173	23,462,865	-	488,947,038
Rated from BBB- to BBB+	1,231,851,192	13,943,178	-	1,245,794,370
Rated from BB- to BB+	17,846,400	-	-	17,846,400
Carrying amount	2,785,956,889	41,984,142	-	2,827,941,031
Loss allowance	(551,519)	(79,088)	-	(630,607)
Carrying amount – fair value**	2,785,956,889	41,984,142	-	2,827,941,031

Investment securities measured at amortised cost

Rated AAA	168,611,393	-	-	168,611,393
Rated A+	95,086,919	-	-	95,086,919
Rated from BBB- to BBB+	770,094,393	-	-	770,094,393
Rated from BB- to BB+	88,503,090	-	-	88,503,090
Gross carrying amount	1,122,295,795	-	-	1,122,295,795
Loss allowance	(352,060)	-	-	(352,060)
Carrying amount	1,121,943,735	-	-	1,121,943,735

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

4. FINANCIAL RISK REVIEW, CONTINUED

Credit quality analysis, continued

'000 KZT	31 December 2020			
	Stage 1	Stage 2	Stage 3	Total
<i>Claims for repurchased loans</i>				
Rated BBB-	247,142,183	2,946,144	95,052	250,183,379
Rated BB	47,073,796	16,387	-	47,090,183
Rated B+	2,949,119	22,784	-	2,971,903
Rated B	227,334,370	236,447	80,828	227,651,645
Rated B-	11,762,497	192,387	-	11,954,884
Gross carrying amount	536,261,965	3,414,149	175,880	539,851,994
Loss allowance	(68,860)	(2,498)	(14,936)	(86,294)
Carrying amount	536,193,105	3,411,651	160,944	539,765,700

'000 KZT	31 December 2020			
	Stage 1	Stage 2	Stage 3	Total
<i>Short-term receivables</i>				
Rated BBB-	407,531,193	-	-	407,531,193
Gross carrying amount	407,531,193	-	-	407,531,193
Loss allowance	-	-	-	-
Carrying amount	407,531,193	-	-	407,531,193

'000 KZT	Restated 31 December 2019				
	Stage 1	Stage 2	Stage 3	POCI	Total
<i>Placements and loans with banks and other financial institutions</i>					
Rated AAA	227,398,669	-	-	-	227,398,669
Rated from AA- to AA+	1,019,227,774	3,348,948	-	-	1,022,576,722
Rated from A- to A+	294,499,014	-	-	-	294,499,014
Rated from BBB- to BBB+	8,465,978	2,964,400	-	-	11,430,378
Rated from BB- to BB+	29,629,443	10,669,586	-	-	40,299,029
Rated from B- to B+	154,126,526	-	26,125	-	154,152,651
Not rated*	33,901,493	-	458,219,478	278,262,465	770,383,436
Gross carrying amount	1,767,248,897	16,982,934	458,245,603	278,262,465	2,520,739,899
Loss allowance	(4,020,295)	(1,576)	(275,510,316)	(30,730,063)	(310,262,250)
Carrying amount	1,763,228,602	16,981,358	182,735,287	247,532,402	2,210,477,649

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

4. FINANCIAL RISK REVIEW, CONTINUED

Credit quality analysis, continued

‘000 KZT	31 December 2019			
	Stage 1	Stage 2	Stage 3	Total
<i>Investment securities at fair value through other comprehensive income</i>				
Rated AAA	94,746,177	-	-	94,746,177
Rated from AA- to AA+	724,731,600	1,793,216	-	726,524,816
Rated from A- to A+	506,497,328	21,678,793	-	528,176,121
Rated from BBB- to BBB+	1,142,328,202	5,539,392	-	1,147,867,594
Rated from BB- to BB+	2,578,389	7,833,980	-	10,412,369
Carrying amount	2,470,881,696	36,845,381	-	2,507,727,077
Loss allowance	(1,223,156)	(76,893)	-	(1,300,049)
Carrying amount – fair value**	2,470,881,696	36,845,381	-	2,507,727,077
<i>Investment securities measured at amortised cost</i>				
Rated AAA	159,406,414	-	-	159,406,414
Rated A+	77,974,548	-	-	77,974,548
Rated from BBB- to BBB+	655,825,154	-	-	655,825,154
Rated from BB- to BB+	83,484,756	-	-	83,484,756
Not rated	10,042,455	-	-	10,042,455
Gross carrying amount	986,733,327	-	-	986,733,327
Loss allowance	(940,800)	-	-	(940,800)
Carrying amount	985,792,527	-	-	985,792,527

‘000 KZT	31 December 2019			
	Stage 1	Stage 2	Stage 3	Total
<i>Claims for repurchased loans</i>				
Rated BB+	124,243,661	36,377	4,609	124,284,647
Rated B+	2,143,826	-	-	2,143,826
Rated B	104,825,536	56,862	5,048	104,887,446
Rated B-	19,604,323	3,310	11,998	19,619,631
Gross carrying amount	250,817,346	96,549	21,655	250,935,550
Loss allowance	(710,711)	(3,340)	(8,729)	(722,780)
Carrying amount	250,106,635	93,209	12,926	250,212,770

* In 2020 Stage 1 (2019: Stage 3 and POCI) include FPL bonds with no externally assigned credit rating. FPL is a 100% subsidiary of the Ministry of Finance of the Republic of Kazakhstan. During 2020 some of these bonds, purchased in 2018 and 2019, were restructured (Note 10).

** Investment securities measured at fair value through other comprehensive income are stated at fair value, while the loss allowance is recognised in other comprehensive income.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

5. NET INTEREST LOSS

	2020	2019
	KZT'000	KZT'000
Interest income calculated using the effective interest method		
Interest income on financial assets measured at amortised cost:		
- Placements and loans with banks and other financial institutions	150,518,982	131,937,893
- Investment securities measured at amortised cost	79,844,576	53,929,177
- Claims for repurchased loans	17,723,288	5,491,071
- Reverse repurchase agreements	7,817,533	8,832,277
Interest income on financial assets measured at fair value through other comprehensive income		
- Investment securities at fair value through other comprehensive income	111,279,285	97,790,467
Total interest income calculated using the effective interest method	367,183,664	297,980,885
Interest expense		
Interest expense on financial liabilities measured at amortised cost:		
- Debt securities issued	(348,204,505)	(307,960,426)
- Deposits and balances from banks and other financial institutions	(109,447,963)	(91,115,081)
- Repurchase agreements	(4,854,777)	(13,387,106)
- Deposit accounts of the Ministry of Finance of the Republic of Kazakhstan	(2,087,263)	(1,474,901)
Total interest expense on financial liabilities measured at amortised cost	(464,594,508)	(413,937,514)
	(97,410,844)	(115,956,629)

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

6. FEE AND COMMISSION INCOME

	2020	2019
	KZT'000	KZT'000
Asset management fee	15,770,431	18,682,879
Pension asset management fee	6,954,406	6,001,189
Depository operations and servicing of financial markets and transfer operations	2,035,919	1,624,973
	24,760,756	26,309,041

Fee and commission income on asset management operations consists of income for asset management services provided to the National Fund of the Republic of Kazakhstan and State Social Insurance Fund JSC. The NBK manages the assets of these organisations investing funds received in various financial instruments in accordance with customers' instructions.

Fee and commission income on pension asset management was received from UNPF JSC. During 2020 and 2019 the NBK received no interest for excess of the target yield.

Income on depository operations and servicing of financial markets consists of income from core activities of Central Securities Depository JSC, Kazakhstan Stock Exchange JSC.

Income on transfer operations consists of commission income from inter-banking, money transfers and clearing operations of Kazakhstan Interbank Settlement Centre of the National Bank of Kazakhstan RSE.

7. FEE AND COMMISSION EXPENSE

	2020	2019
	KZT'000	KZT'000
Asset management services	3,669,310	2,759,598
Broker operations and account maintenance fees	2,542,040	4,161,633
Custodian services	62,735	259,666
Other	92,689	76,164
	6,366,774	7,257,061

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

8. NET GAIN ON FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS

	2020	2019
	KZT'000	KZT'000
Placements and loans with banks and other financial institutions measured at FVTPL - change in fair value	(41,153,235)	62,352,874
Placements and loans with banks and other financial institutions measured at FVTPL – other interest income	40,067,267	38,386,236
Assets under external management	94,502,925	27,243,197
Other derivative financial instruments:	1,866,246	3,718,794
	95,283,203	131,701,101

Loss generated from change in fair value of subordinated bonds and deposits with banks (Note 19) is equal to KZT 17,784,382 thousand and KZT 23,368,853 thousand, respectively (2019: gain of KZT 51,371,347 thousand and KZT 10,981,527, respectively).

Other interest income comprise interest income on subordinated bonds and deposits with banks (Note 19) in the amount of KZT 36,645,865 thousand and KZT 3,421,402 thousand, respectively (2019: KZT 35,087,263 thousand and KZT 3,298,973 thousand, respectively).

9. NET GAIN ON INVESTMENT SECURITIES MEASURED AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME

	2020	2019
	KZT'000	KZT'000
Sale of debt investment securities	32,933,329	29,687,083
Dividends	7,826,628	3,542,634
	40,759,957	33,229,717

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

10. EXPENSES ON REHABILITATION OF THE BANKING SECTOR AND THE ECONOMY

During 2020 in accordance with the realisation of the Program Employment Roadmap for 2020-2021 and the Program Nurly Zher for 2020-2025 the subsidiary of the NBK, KSF JSC, purchased coupon bonds of a quasi-public sector organisation for the total amount of KZT 700,000,000 thousand and KZT 270,000,000 thousand, respectively, bearing interest rates of 6% and 4% per annum, respectively, with an obligation of their repayment in 10-12 and 2-20 years, respectively. The National Bank recognised such bonds at fair value on initial recognition (Note 19), determined using estimated market interest rates from 9.49% to 12.13% per annum and 11.19% to 13.19% per annum, respectively. The difference of KZT 223,609,525 thousand and KZT 82,138,809 thousand, respectively, between the nominal value and fair value at the date of initial recognition was recognised in 2020 in profit or loss as expenses on rehabilitation of the banking sector and the economy.

Additionally, during 2020 in accordance with the Program on Improving the financial stability of the banking sector, coupon bonds of a quasi-public sector organisation and second-tier banks were purchased for the total amount of KZT 226,520,653 thousand (2019: KZT 914,086,276 thousand), bearing interest rates of 0.1% to 10.85% per annum (2019: 0.1% to 9% per annum), with an obligation of their repayment in 10-20 years (2019: 10-15 years). The National Bank has recognised such bonds at fair value at initial recognition (Note 19), determined using estimated market interest rates from 13.72% to 20.69% per annum (2019: from 12.03% to 30.81% per annum). The difference of KZT 93,666,939 thousand (2019: KZT 630,397,150 thousand) between the nominal value and fair value at the date of initial recognition was recognised in profit or loss as expenses on rehabilitation of the banking sector and the economy.

Also, during 2020 for the realisation of the Mechanism of lending to priority sectors of the economy KSF JSC purchased coupon bonds of a quasi-public sector organisation for the total amount of KZT 32,024,836 thousand (2019: a quasi-public sector organisation and second-tier banks for KZT 86,141,019 thousand), bearing an interest rate of 10.75% per annum (2019: 10.75% to 10.95% per annum), with an obligation of their repayment in 1-10 years (2019: 6-7 years). The National Bank has recognised such bonds at fair value on initial recognition (Note 19), determined using estimated market interest rates from 10.35% to 15.83% per annum (2019: from 11.87% to 12.34% per annum). The difference of KZT 5,262,159 thousand (2019: KZT 5,218,637 thousand) between the nominal value and fair value at the date of initial recognition was recognised in profit or loss as expenses on rehabilitation of the banking sector and the economy.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

10. EXPENSES ON REHABILITATION OF THE BANKING SECTOR AND THE ECONOMY, CONTINUED

In 2020 in accordance with other Government programs, KSF JSC purchased coupon bonds of quasi-public sector organisations for the total amount of KZT 9,479,994 thousand (2019: a second-tier bank for KZT 20,000,000 thousand), bearing interest rates from 0.10% to 5.00% per annum (2019: 0.15% per annum), with an obligation of their repayment in 1-30 years (2019: 20 years). The National Bank recognised such bonds at fair value at initial recognition (Note 19), determined using estimated market interest rates from 9.46% to 9.48% per annum (2019: 10.41% per annum). The difference of KZT 828,466 thousand (2019: KZT 17,122,626 thousand) between the nominal value and fair value at the date of initial recognition was recognised in profit or loss as expenses on rehabilitation of the banking sector and the economy.

In addition, during 2020 the maturity date for a coupon bond of one second-tier bank purchased in 2019, was extended from 2034 to 2040. This restructuring has resulted in the modification loss in the amount of KZT 35,555,736 thousand, which was recognised in 2020 in profit or loss as expenses on rehabilitation of the banking sector and the economy.

In 2020 KSF JSC purchased subordinated bonds of second-tier banks in the amount of KZT 121,829,031 thousand, bearing interest rates from 0.10% to 4.00% per annum, with an obligation of their repayment in 15-20 years. The National Bank has recognised such bonds at fair value at initial recognition (Note 19), determined using the estimated market interest rates from 14.60% to 14.81% per annum. The difference of KZT 99,545,510 thousand between the nominal value and fair value at the date of initial recognition was recognised in 2020 in profit or loss as expenses on rehabilitation of the banking sector and the economy.

In addition, during 2020 nominal interest rates for subordinated bonds of some second-tier banks, purchased in 2017, were decreased from 4.00% to 0.01% per annum, and maturity dates extended from 2032 to 2040. This restructuring has resulted in the modification loss in the amount of KZT 70,980,515 thousand which was recognised in 2020 in profit or loss as expenses on rehabilitation of the banking sector and the economy.

All subordinated bonds were purchased in accordance with the Program on Improving the financial stability of the banking sector.

Estimated market interest rates applied are based on external credit ratings of the counterparties.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

10. EXPENSES ON REHABILITATION OF THE BANKING SECTOR AND THE ECONOMY, CONTINUED

During 2018 and 2019 KSF JSC acquired bonds issued by FPL for the total amount of KZT 450,000,000 thousand and KZT 614,086,276 thousand, respectively, which were recognised at fair value at initial recognition. In December 2020 these bonds were restructured by means of a partial repurchase in exchange to the long-term deposit held with a second-tier bank and transfer of the remaining part of bonds at nominal value to the Government organisation on gratuitous basis. As the result of this restructuring the difference of KZT 324,782,738 thousand between the fair value of bonds at the date of restructuring in the amount of KZT 367,958,420 thousand and the fair value of the consideration received in the amount of KZT 43,175,682 thousand was recognised in profit or loss as expenses on rehabilitation of the banking sector and the economy. The remaining difference between the carrying value and the fair value of these bonds was recognised in profit or loss as allowance for expected credit losses (Note 12). The fair value of FPL bonds was determined based on the fair value of the underlying assets of FPL with applying the haircut discounts of between 10% to 20% to the appraised value of the assets and a delay of 12 to 24 months in obtaining proceeds from the sale of these assets.

11. OTHER OPERATING (EXPENSES)/INCOME, NET

	2020	2019
	KZT'000	KZT'000
Deposits under the Program of mortgage loans refinancing	(71,218,797)	(35,607,085)
Contributions of banks participating in the guarantee system, net	39,172,057	35,690,169
Sale of collection coins and repurchase of measured bullions	1,857,431	1,884,315
Sale of printed products	1,428,796	3,446,928
Sale of medals, badges and jewelry	447,566	513,914
Rent of property and equipment	2,612	1,292
Other income/(expense), net	2,193,174	(3,424,133)
Expenses on reorganisation of Integrated Securities Registrar JSC and Central Securities Depository JSC	-	(682,614)
Expenses on disposal of property of Agency for Regulation and Development of the Financial Market of the Republic of Kazakhstan (AFR)	-	(1,250,692)
	(26,117,161)	572,094

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

11. OTHER OPERATING (EXPENSES)/INCOME, NET, CONTINUED

According to the Order of the Ministry of Finance of the RK dated 29 December 2017, No.765 “On Further Implementation of the Program of Refinancing of Mortgage Housing Loans/Mortgage Loans” the implementation of functions of the Program of Refinancing of Mortgage Housing Loans/Mortgage Loans dated 24 April 2015, No.69 (hereinafter, the “Program of Mortgage Loans Refinancing”) was transferred from FPL JSC to KSF JSC without compensation. As part of this Program of Mortgage Loans Refinancing, targeted placement of deposits is provided with the second-tier banks at the interest rates of 0.10% and 2.99% per annum and maturity of up to 20 years.

During 2020 and 2019 KSF JSC placed deposits in certain banks with low interest rates. In 2020 the loss of KZT 67,989,718 thousand was recognised on deposits as the resulted difference between the nominal value and fair value at the date of initial recognition of these deposits calculated using the market interest rates from 11.59% to 15.16% per annum (2019: the loss of KZT 32,441,943 thousand using the interest rates from 10.57% to 19.16% per annum). The amount of KZT 71,218,797 thousand (2019: KZT 35,607,085 thousand) also includes reimbursement of expenses of KZT 3,229,079 thousand incurred by the second-tier banks on the state duties charged on the claims filed to the court with regard to the borrowers’ loans due to refinancing of the problem loans denominated in foreign currency (2019: KZT 3,165,142 thousand).

Contributions of the banks participating in the guarantee system, net comprise proceeds of KDIF JSC from contributions of bank-participants, penalty and proceeds from a liquidation committee of a forcibly liquidated bank in the amount of KZT 39,172,057 thousand as well as expenses on compensation paid to depositors of forcibly liquidated banks in the amount of KZT nil (2019: KZT 36,082,476 thousand and KZT 392,307 thousand, respectively).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

12. ALLOWANCE FOR EXPECTED CREDIT LOSSES

	2020	Restated
	KZT'000	2019
	KZT'000	KZT'000
Placements and loans with banks and other financial institutions (Note 19)	(164,417,961)	(242,409,063)
Investment securities measured at amortised cost	588,765	(814,810)
Investment securities at fair value through other comprehensive income	766,311	(417,820)
Other financial assets	(334,853)	(318,541)
Claims for repurchased loans	679,972	(228,353)
Inventories	(65,228)	(38,065)
Other non-financial assets	(11,973)	(537)
	<u>(162,794,967)</u>	<u>(244,227,189)</u>

13. BANKNOTES AND COINS PRODUCTION EXPENSES

	2020	2019
	KZT'000	KZT'000
Banknotes production	21,438,694	1,347,694
Coins production	8,354,828	3,628,293
Other	764,946	335,467
	<u>30,558,468</u>	<u>5,311,454</u>

Banknotes and coins production expenses for 2020 include depreciation charge of equipment of KZT 1,417,263 thousand (2019: KZT 64,734 thousand).

14. PERSONNEL EXPENSES

	2020	2019
	KZT'000	KZT'000
Payroll	12,775,050	15,457,172
Bonuses	8,966,328	10,895,915
Social tax	1,453,955	1,840,812
Insurance	434,950	769,156
Training	87,287	294,683
Other	63,223	97,278
	<u>23,780,793</u>	<u>29,355,016</u>

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

15. OTHER GENERAL AND ADMINISTRATIVE EXPENSES

	2020	2019
	KZT'000	KZT'000
Information and other services	39,436,119	7,654,564
Communication	2,213,393	1,724,627
Repair and maintenance of property and equipment	1,346,875	1,969,083
Taxes other than income tax	1,287,232	1,288,395
Gratuitous assignment of property	935,755	516,758
Property and equipment and inventories	529,356	597,231
Short-term rent expenses	546,642	233,351
Business trip expenses	378,346	742,885
Security	360,239	361,244
Depreciation and amortisation	339,049	265,112
Utilities	304,171	259,493
Transportation	230,962	369,453
Representation expenses	185,669	349,865
Insurance of property and equipment	62,063	65,366
Advertising, announcements and presentations in mass media	51,685	93,937
Other	706,111	719,551
	48,913,667	17,210,915

16. INCOME TAX BENEFIT

In accordance with legislation of the Republic of Kazakhstan, the NBK is exempt from income tax. Subsidiaries and associate organisations of the NBK are subject to income tax.

	2020	Restated
	KZT'000	2019
	KZT'000	KZT'000
Current income tax (expense)/benefit	(1,625,922)	1,080,324
Movement in deferred tax assets due to origination and reversal of temporary differences	91,342,022	119,845,442
Total income tax benefit	89,716,100	120,925,766

In 2020 the applicable tax rate for current and deferred tax is 20% (2019: 20%).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

16. INCOME TAX BENEFIT, CONTINUED

Reconciliation of effective tax rate for the year ended 31 December:

	2020		Restated	
	KZT'000	%	2019	%
	<u>(1,209,899,114)</u>		<u>(898,712,732)</u>	
Loss before income tax				
Income tax at the applicable tax rate	241,979,823	(20.00)	179,742,546	(20.00)
Effect of non-taxable operations of the NBK	(59,000,123)	4.88	(44,834,161)	4.99
Non-taxable income on securities	7,971,652	(0.66)	3,447,369	(0.38)
Non-taxable income on activities of KDIF JSC	5,481,709	(0.45)	11,185,262	(1.24)
Non-deductible expenses on activities of KSF JSC	(15,967,361)	1.32	(30,198,357)	3.36
Write-off of previously recognised DTA on FPL bonds	(91,158,636)	7.53		
Other non-taxable income	409,036	(0.03)	1,583,107	(0.19)
	<u>89,716,100</u>	<u>(7.42)</u>	<u>120,925,766</u>	<u>(13.46)</u>

Deferred tax assets and liabilities

Temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes give rise to deferred tax assets and deferred tax liabilities as at 31 December 2020 and 2019. Future tax benefits can be obtained only if the NBK subsidiaries are able to make a profit, from which it will be possible to offset the unused tax loss, and if there are no changes in the legislation of the Republic of Kazakhstan that adversely affect the ability of the NBK subsidiaries to use these benefits in future periods.

The NBK is not a payer of income tax.

The deductible temporary differences do not expire under current tax legislation of the Republic of Kazakhstan.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

16. INCOME TAX BENEFIT, CONTINUED

Deferred tax assets and liabilities, continued

Movements in temporary differences during the years 2020 and 2019 are presented as follows:

'000 KZT	Balance at 1 January 2020	Recognised in profit or loss	Recognised directly in equity	Balance at 31 December 2020
Placements and loans with banks and other financial institutions	234,111,296	91,229,395	-	325,340,691
Property, plant and equipment and intangible assets	(2,652,467)	21,487	3,710	(2,627,270)
Debt securities issued	929,770	(929,770)	-	-
Other assets	22,654	37,153	-	59,807
Other liabilities	356,665	49,821	-	406,486
Tax loss carry-forwards	23,931	192,880	-	216,811
	232,791,849	90,600,966	3,710	323,396,525
Unrecognised deferred tax liabilities	(930,716)	741,056	-	(189,660)
Recognised deferred tax assets	231,861,133	91,342,022	3,710	323,206,865
Deferred tax assets	234,344,611	91,268,112	780	325,613,503
Deferred tax liabilities	(2,483,478)	73,910	2,930	(2,406,638)

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NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

16. INCOME TAX BENEFIT, CONTINUED

Deferred tax assets and liabilities, continued

'000 KZT	Balance at 1 January 2019	Recognised in profit or loss	Recognised directly in equity	Disposal of subsidiary	Restated Balance at 31 December 2019
Placements and loans with banks and other financial institutions	114,138,993	119,972,303	-	-	234,111,296
Property, plant and equipment and intangible assets	(2,524,733)	(170,339)	6,785	35,820	(2,652,467)
Debt securities issued	-	929,770	-	-	929,770
Other assets	7,770	17,458	-	(2,574)	22,654
Other liabilities	338,061	27,490	-	(8,886)	356,665
Tax loss carry-forwards	25,401	(1,470)	-	-	23,931
	111,985,492	120,775,212	6,785	24,360	232,791,849
Unrecognised deferred tax liabilities	(946)	(929,770)	-	-	(930,716)
Recognised deferred tax assets	111,984,546	119,845,442	6,785	24,360	231,861,133
Deferred tax assets	114,394,028	119,948,373	2,210	-	234,344,611
Deferred tax liabilities	(2,409,482)	(102,931)	4,575	24,360	(2,483,478)

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

16. INCOME TAX BENEFIT, CONTINUED

Deferred tax assets and liabilities, continued

As at 31 December 2020 deferred tax assets of KZT 325,340,691 thousand (31 December 2019: KZT 234,111,296 thousand) were recognised by the subsidiary of NBK, KSF JSC. Management of KFS JSC assessed the recoverability of deferred tax assets and concluded that KFS JSC would have sufficient taxable income after taking into account deductible temporary differences and it is appropriate to recognise deferred tax assets.

17. CASH AND CASH EQUIVALENTS

	2020	2019
	'000 KZT	'000 KZT
Nostro accounts in foreign banks	2,238,402,909	938,139,617
Cash on hand in foreign currency	122,879,854	113,367,726
Reverse repurchase agreements with initial maturity of less than three months	20,012,508	145,868,206
Tenge denominated deposits with Kazakhstan banks with the original maturity of less than three months	1,550,029	-
Nostro accounts in Kazakhstan banks	759,473	987,005
Deposits in foreign banks with the original maturity of less than three months	15,391	-
Accounts with the Bank for International Settlements	6,668	235
Total cash and cash equivalents in the consolidated statement of cash flows	<u>2,383,626,832</u>	<u>1,198,362,789</u>

As at 31 December 2020 nostro accounts in foreign banks included restricted for use uninvested cash under management of NIC NBK JSC in the amount of KZT 16,295,863 thousand (31 December 2019: KZT 14,059,297 thousand) that was not included in cash equivalents.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

18. GOLD

	2020	2019
	'000 KZT	'000 KZT
Gold bullion in NBK depository	8,316,001,083	5,333,263,926
Gold deposits with foreign banks:		
- Rated AAA	50,779,800	173,576,718
- Rated AA-	45,902,111	565,544,209
- Rated from A- to A+	684,330,921	632,371,696
Total gold on deposits with foreign banks	781,012,832	1,371,492,623
Gold bullion in a foreign bank depository:		
- Rated AAA	717,707,368	525,384,413
- Rated A+	131,548,388	-
Total gold bullion in a foreign bank depository	849,255,756	525,384,413
	9,946,269,671	7,230,140,962

The credit ratings are presented in accordance with the standards of the rating agency Standard and Poor's or with similar standards of other international rating agencies.

19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS

	2020	Restated
	'000 KZT	2019
	'000 KZT	'000 KZT
Placements and loans with banks and other financial institutions measured at amortised cost	4,338,690,000	2,210,477,649
Placements and loans with banks and other financial institutions measured at FVTPL	292,215,561	370,283,443
	4,630,905,561	2,580,761,092

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED

	2020	Restated
	'000 KZT	2019
	'000 KZT	'000 KZT
MEASURED AT AMORTISED COST		
Placements with foreign banks and other financial institutions		
Nostro accounts in banks		
- Rated AAA	876,804,943	227,398,434
- Rated from AA- to AA+	1,241,290,929	363,209,052
- Rated from A- to A+	68,052,184	291,661,462
- Rated from BBB- to BBB+	4,488,595	6,494,800
- Rated from BB- to BB+	2,047,425	15,536,356
- Rated B	87,115	55,235
- Not rated	-	1,353,540
Gross nostro accounts in banks	2,192,771,191	905,708,879
Allowance for expected credit losses	(1,589)	(8,155)
Net nostro accounts in banks	2,192,769,602	905,700,724
Other accounts and deposits		
Non-invested cash under external management (Note 22)		
- Rated AA-	-	46,504,566
- Rated A+	61,937,952	-
Gross other accounts and deposits	61,937,952	46,504,566
Net other accounts and deposits	61,937,952	46,504,566

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED

	2020	Restated
	'000 KZT	2019
	'000 KZT	'000 KZT
Accounts with International Monetary Fund	702,245,248	612,863,104
Receivables on foreign currencies transactions	14,786,910	20,379,428
Accounts with the Bank for International Settlements	6,668	235
Total other accounts and deposits	778,976,778	679,747,333
Total accounts and deposits in foreign banks and other financial institutions	2,971,746,380	1,585,448,057
Nostro accounts of subsidiaries with second tier banks		
- Rated BBB-	-	238
- Rated from BB- to BB+	561,037	650,600
- Rated B	188,065	317,809
- Not rated	-	3,826
Gross nostro accounts of subsidiaries with second tier banks	749,102	972,473
Allowance for expected credit losses	(168)	(661)
Net nostro accounts of subsidiaries with second tier banks	748,934	971,812
Placements, loans and receivables of Kazakhstan banks and other financial institutions		
Deposits in banks *		
- Rated BBB	52,601,287	494,768
- Rated from BB- to BB+	185,808,411	13,995,627
- Rated from B- to B+	133,798,301	5,936,313
- Not rated	869,309	998,573
Gross deposits in banks	373,077,308	21,425,281
Allowance for expected credit losses	(3,183,249)	(176,216)
Net deposits in banks	369,894,059	21,249,065

* as at 31 December 2019 include the asset part of the swap deals in the amount of KZT 10,669,586 thousand that is accounted for not as derivatives, but as deposits in banks and is measured at nominal in accordance with the Basis of Preparation (Note 2).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED

	2020 '000 KZT	Restated 2019 '000 KZT
Loans issued *		
- Rated BBB-	693,488,838	-
- Rated from BB- to BB+	63,723,747	10,116,446
- Rated from B- to B	111,330,432	147,843,294
- Rated CCC-	14,088,019	-
- Not rated	155,460,540	750,485,621
Gross loans issued (Note 10)	1,038,091,576	908,445,361
Allowance for expected credit losses	(44,400,407)	(310,077,218)
Net loans issued	993,691,169	598,368,143
Receivables from other financial institutions		
Receivables from "UAPF" JSC	545,354	489,772
Receivables from Ministry of Finance of the Republic of Kazakhstan	2,064,104	3,950,800
Total receivables from other financial institutions	2,609,458	4,440,572
Total placements with banks and receivables from Kazakhstan banks and other financial institutions	1,366,194,686	624,057,780
Gross placements and loans with banks and other financial institutions measured at amortised cost	4,386,275,413	2,520,739,899
Total allowance for expected credit losses	(47,585,413)	(310,262,250)
Net placements and loans with banks and other financial institutions measured at amortised cost	4,338,690,000	2,210,477,649

* Loans issued measured at amortised cost include FPL bonds and coupon bonds of second-tier banks and quasi-public sector organisations (Note 10).

In 2020 the subsidiary of the NBK, KSF JSC, acquired FPL bonds for the amount of KZT 174,000,000 thousand, bearing the interest rate of 9% per annum, with repayment date in 2030 (2019: KZT 614,086,276 thousand, bearing the interest rate of 9% per annum, with repayment dates in 2029-2034). Upon initial recognition KSF JSC recognised these bonds at fair value, the difference between the nominal value and fair value in the amount of KZT 51,916,657 thousand (2019: KZT 387,284,855 thousand) was recognised in profit or loss as expenses on rehabilitation of the banking sector and the economy (Note 10).

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NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED

In December 2020 FPL bonds, purchased by KSF JSC in 2018 and 2019, were restructured, as a result of which a difference between fair value of the bonds as at the date of restructuring and fair value of consideration received was recognised in profit or loss as expenses on rehabilitation of the banking sector and the economy (Note 10).

	2020	Restated
	'000 KZT	2019
	'000 KZT	'000 KZT
MEASURED AT FVTPL		
Deposits in banks		
- Rated BB	15,788,599	27,417,869
- Rated from B- to B+	20,553,952	31,009,512
Total deposits in banks	36,342,551	58,427,381
Loans issued*		
- Rated BBB-	335,074	273,310
- Rated from B- to B	255,537,936	311,582,752
Total loans issued (Note 10)	255,873,010	311,856,062
Total placements and loans with banks and other financial institutions measured at fair value	292,215,561	370,283,443

* Loans measured at fair value through profit or loss represent subordinated bonds of banks purchased under the program of financial support of the banking sector (Note 10). In accordance with IFRS 9, subordinated bonds were classified as mandatory at fair value through profit or loss due to non-compliance with the SPPI criterion, due to the existence of a mechanism of the exchange of subordinated debt into ordinary shares of the bank in the event of deterioration of the financial position of banks and disclosure of facts of assets withdrawal.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED
Analysis of allowance for expected credit losses

Movement in allowance for expected credit losses for placements and loans with banks and other financial institutions for 2020 and 2019 is as follows:

'000 KZT	2020				
	Stage 1	Stage 2	Stage 3	POCI	Total
Placements and loans with banks and other financial institutions					
Balance at 1 January	4,020,295	1,576	275,510,316	30,730,063	310,262,250
- Transfer to Stage 1	6	(6)	-	-	-
- Transfer to Stage 2	(52)	52	-	-	-
Net remeasurement of loss allowance	(1,958,067)	1,008	78,877,079	83,544,081	160,464,101
New financial assets originated or purchased*	4,222,474	5	-	-	4,222,479
Financial assets that have been derecognized	(266,418)	(2,201)	-	-	(268,619)
Write-offs	(493)	-	(312,820,126)	(124,338,231)	(437,158,850)
Recovery of previously written-off assets	-	-	-	10,064,087	10,064,087
Foreign exchange and other movements	(8)	(27)	-	-	(35)
Balance at 31 December	6,017,737	407	41,567,269	-	47,585,413
'000 KZT	Restated 2019				
	Stage 1	Stage 2	Stage 3	POCI	Total
Placements and loans with banks and other financial institutions					
Balance at 1 January	9,061,204	6,588,161	52,180,053	-	67,829,418
- Transfer to Stage 1	442,110	(177,856)	(264,254)	-	-
- Transfer to Stage 2	(615,596)	-	615,596	-	-
- Transfer to Stage 3	(26,926)	-	26,926	-	-
Net remeasurement of loss allowance	2,939,471	178,884	223,427,318	-	226,545,673
New financial assets originated or purchased*	216,476	1,598	-	30,730,063	30,948,137
Derecognised financial assets	(7,979,814)	(6,589,228)	(515,705)	-	(15,084,747)
Write-offs	(16,071)	-	-	-	(16,071)
Foreign exchange and other movements	(559)	17	40,382	-	39,840
Balance at 31 December	4,020,295	1,576	275,510,316	30,730,063	310,262,250

*includes new financial assets created during the year, including transfers of these assets between stages.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

19. PLACEMENTS AND LOANS WITH BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED

During 2020 the net remeasurement of loss allowance for FPL bonds acquired by KSF JSC in 2018 and 2019 amounted to KZT 67,064,105 thousand and KZT 93,608,168 thousand for bonds in Stage 3 and POCI bonds, respectively.

During 2020 the loss allowance for bonds of DSFK Special Finance Company LLP was written off and recovered in the total amount of KZT 10,064,087 thousand.

In December 2020 FPL bonds, purchased by KSF JSC in 2018 and 2019, were restructured (Note 10), which resulted in the write-off of the loss allowance in the total amount of KZT 437,158,357 thousand. As at the date of disposal of FPL bonds, the carrying value and allowance for expected credit losses of the bonds were determined based on the fair value of the underlying assets of FPL with applying the haircut discounts of between 10% to 20% to the appraised value of the assets and a delay of 12 to 24 months in obtaining proceeds from the sale of these assets.

In 2019 purchase of FPL bonds in the amount of KZT 614,086,276 thousand has led to the increase in the gross carrying amount, and the corresponding increase in the loss allowance of KZT 30,730,063 thousand, categorised as POCI.

The FPL bonds acquired in 2018 were impaired and categorised to Stage 3 financial instruments during the year ended 31 December 2019. Such classification resulted in the recognition of expenses on allowances for credit losses of KZT 245,756,021 thousand.

Partial repayment of previously issued loans with a gross carrying amount of KZT 22,425,758 thousand resulted in decreased loss allowance by the same amount included in Stage 3.

In 2019 maturity of deposits in banks in the amount of KZT 732,237,106 thousand and repayments of previously issued loans in the amount of KZT 267,420,518 thousand have led to decreased loss allowance of KZT 15,084,747 thousand.

As at 31 December 2020 and 31 December 2019 the National Bank has no placements with a counterparty-banks in the amount exceeding 10% of equity.

As at 31 December 2020 the “nostro” accounts opened in local banks in the amount of KZT 748,934 thousand (31 December 2019: KZT 971,812 thousand), belong to subsidiary companies of the NBK.

As at 31 December 2020 loans amounting to KZT 43,796,297 thousand were past due for more than 90 days (31 December 2019: KZT 29,708,279 thousand) and 100% allowance was created against these loans.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

20. FINANCIAL INSTRUMENTS UNDER MANAGEMENT AT FAIR VALUE THROUGH PROFIT OR LOSS

Financial instruments under management at fair value through profit or loss consisted of the following at 31 December 2020 and 31 December 2019:

	2020	2019
	'000 KZT	'000 KZT
Assets		
Assets under external management		
Hedge funds, private equity and real estate funds	632,525,226	366,391,015
Futures	262,297	534,827
Forwards	238,403	158,038
Assets under own management		
Cross currency and interest rate swap	-	592,356
Forwards	-	107,232
Futures	-	49,722
Total financial instruments under management at fair value through profit or loss	633,025,926	367,833,190
Liabilities		
Liabilities under external management		
Forwards	(467,296)	(228,195)
Futures	(499,811)	(527,629)
Liabilities under own management		
Cross currency and interest rate swap	-	(178,391)
Swap	(1,058)	-
Total financial instruments under management at fair value through profit or loss	(968,165)	(934,215)

Investments in alternative instruments comprised investments in hedge-funds private equity funds and real estate funds in accordance with the strategy of gold and foreign exchange reserves and Investment Strategy for management of portfolio of alternative instruments of the National Bank's gold and foreign currency reserves approved by the Resolution of the NBK dated 28 May 2018, No. 100, and in accordance with the terms and conditions of the Investment Trust Management Contract No.122NB/10 dated 29 March 2013 concluded between the NBK and NIC NBK JSC. NIC NBK JSC invests a part of the gold and foreign currency reserves of the National Bank in the alternative classes of assets through the special purpose companies and/or partnerships established to invest in hedge funds, private equity funds and real estate funds.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

20. FINANCIAL INSTRUMENTS UNDER MANAGEMENT AT FAIR VALUE THROUGH PROFIT OR LOSS, CONTINUED**Investments in hedge funds**

Investments in the hedge funds under management of NIC NBK JSC (hereinafter, the “Portfolio of investments in hedge funds”) comprise investments, which are made through the structure of the fund of funds to different investment funds established to accumulate the investors’ funds to invest in accordance with certain investment strategies in various markets and in different types of financial instruments. As at 31 December 2020 and 2019 the geographical distribution of the Portfolio of investments in hedge funds falls mostly on the North America and Europe. US Dollar is the investment currency in the hedge funds. Investment funds are established in the form of the companies or partnerships. In turn, these investment funds hold a significant part of their positions in the highly liquid securities and financial derivatives which are measured at the quoted market value.

Investments in private equity funds

Investments in the private equity funds under management of NIC NBK JSC (hereinafter, the “Private Equity Portfolio”) comprise investments in the funds and co-investments with the funds through the structure of the fund of funds made to accumulate the investors’ funds to invest the share capital or securities of the invested companies. Investment funds may be established in the form of the companies or partnerships. The Private Equity Portfolio comprises the funds investing in different sectors and different regions. As at 31 December 2020 participation in direct investments in the sectors of information technology, consumer goods and services, health care, industrial and financial sectors, accounts for a major part in the Portfolio. A majority of investments falls on the North America and Western Europe. US dollar is a major currency of investments in the funds; however, there are investments denominated in euro and British pounds.

Investments in real estate funds

Investments in the real estate funds under management of NIC NBK JSC (hereinafter, the “Real Estate Portfolio”) comprise investments in the funds through the structure of the fund of funds made to earn income from rent payment and/or increase cost of real estate. Investment funds may be established in the form of the companies or partnerships. Real Estate Portfolio comprises the funds investing in various types of buildings in various regions. Investing in real estate commenced in 2018. As at 31 December 2020 a majority of investments in real estate portfolio falls on the North America, Europe, and Asia. US dollar is a major currency of investments in the real estate funds; however, there are investments denominated in euro and Japanese yen.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
20. FINANCIAL INSTRUMENTS UNDER MANAGEMENT AT FAIR VALUE THROUGH PROFIT OR LOSS, CONTINUED

The tables below summarises, by major currencies, the contractual amounts of the National Bank's outstanding balances from derivative transactions, excluding portfolios under external management, as at 31 December 2020 and 31 December 2019 with details of the contracted weighted average exchange rates and remaining periods to maturity.

	Contract/ notional amount '000 KZT		Weighted-average contracted futures prices/exchange rates	
	2020	2019	2020	2019
Swap				
For the period less than 3 months				
Buy USD to KZT	1,154,826	-	421.30	-
Forwards for the period less than 3 months				
Buy EUR to USD	-	114,810,767	-	1.12
Futures for the period less than 3 months				
Sell EUR	-	(11,915,587)	-	134.18
Buy JPY	-	2,677,488	-	152.13
Total		(9,238,099)		
Total	1,154,826	105,572,668		

21. REVERSE REPURCHASE AGREEMENTS

International financial institutions and Kazakhstan banks:	2020 '000 KZT	2019 '000 KZT
- Rated AAA	-	72,847,700
- Not rated	20,012,508	73,020,506
	20,012,508	145,868,206

The credit ratings are presented in accordance with the standards of the rating agency Standard and Poor's or with similar standards of other international rating agencies.

As at 31 December 2020 the fair value of the financial assets accepted as collateral under reverse repurchase agreements is KZT 19,121,142 thousand (31 December 2019: KZT 146,683,539 thousand).

During 2020 not rated reverse repo transactions of KZT 20,012,508 thousand were entered in the auto repo market of KASE JSC (31 December 2019: KZT 73,020,506 thousand).

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YEAR ENDED 31 DECEMBER 2020**
**22. INVESTMENT SECURITIES MEASURED AT FAIR VALUE
THROUGH OTHER COMPREHENSIVE INCOME**

	2020	2019
	'000 KZT	'000 KZT
Debt instruments		
Investments in foreign securities		
Government bonds		
US Government Treasury bonds	479,145,378	290,902,816
Qatari Government bonds	86,512,041	64,339,809
Indonesian Government bonds	82,736,717	64,430,327
British Government Treasury bonds	79,846,362	51,363,271
UAE Government bonds	77,813,610	77,910,685
Columbian Government bonds	74,078,171	66,419,435
Philippine Government bonds	66,915,236	33,942,731
Mexican Government bonds	57,717,845	45,862,737
French Government bonds	54,014,331	54,286,885
Peru Government bonds	38,528,935	15,685,269
Australian Government Treasury bonds	37,481,617	42,312,229
Canadian Government Treasury bonds	32,860,161	25,268,046
Polish Government Treasury bonds	27,784,582	32,872,937
Korean Government Treasury bonds	27,521,807	36,478,150
Lithuanian Government bonds	26,134,949	31,150,544
Japanese Government Treasury bonds	25,824,029	8,597,861
Chilean Government bonds	22,464,026	18,704,564
Panama Government bonds	16,813,276	15,219,749
Chinese Government bonds	15,598,428	7,657,929
Hongkong Government bonds	10,568,144	-
Cayman Government bonds	8,743,560	11,167,457
Paraguay Government bonds	8,667,468	-
Russian Federation Government bonds	6,436,739	-
Malaysian Government bonds	6,102,685	18,552,692
Spanish Government Bonds	5,355,315	-

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

22. INVESTMENT SECURITIES MEASURED AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME, CONTINUED

	2020	2019
	'000 KZT	'000 KZT
Morocco Government bonds	3,397,695	-
Irish Government bonds	3,014,924	2,422,535
Singapore Government bonds	1,849,349	5,860,644
German Government bonds	1,456,692	1,459,254
Estonian Government bonds	1,428,014	-
Romanian Government bonds	1,014,001	-
Israeli Government bonds	331,325	-
Luxembourg Government bonds	-	7,857,620
Uruguay Government bonds	-	4,208,765
Italian Government bonds	-	3,102,634
Saudi Arabia Government bonds	-	2,077,018
Oman Government bonds	-	1,346,845
Total government bonds	1,388,157,412	1,041,461,438
Debt securities of international governmental and nongovernmental financial institutions		
- Rated AAA	52,952,728	24,176,576
- Rated AA+	-	7,552,561
- Rated AA	64,704,662	26,879,393
- Rated AA-	4,238,946	26,089,505
- Rated A+	30,450,628	20,355,522
- Rated A	13,840,763	12,029,216
- Rated A-	1,615,227	1,537,324
- Rated BBB+	2,630,392	1,999,027
- Rated BBB	453,607	-
- Rated BBB-	2,961,843	2,684,221
Total investments in debt securities of international governmental and nongovernmental financial institutions	173,848,796	123,303,345

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
22. INVESTMENT SECURITIES MEASURED AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME, CONTINUED

	2020	2019
	'000 KZT	'000 KZT
Corporate bonds of international companies		
- Rated from A- to AAA	336,709,949	385,831,119
- Rated from BBB+ to BBB-	372,597,532	361,592,512
- Rated BB+	8,619,023	2,064,128
Total investments in corporate bonds of international companies	717,926,504	749,487,759
Total investments in foreign securities	2,279,932,712	1,914,252,542
Investments in Kazakhstan securities		
Treasury bills of Ministry of Finance of the Republic of Kazakhstan	453,101,583	559,188,706
Debt securities of Kazakhstan financial organisations	559,910	7,001,396
Pledged under sale and repurchase agreements		
Treasury bills of Ministry of Finance of the Republic of Kazakhstan	94,346,826	27,284,433
Total investments in Kazakhstan securities	548,008,319	593,474,535
Total debt investments	2,827,941,031	2,507,727,077
Equity instruments		
Shares of NC "KazMunayGas" JSC	750,000,000	750,000,000
Corporate shares	5,496,026	19,526,150
Total equity investments	755,496,026	769,526,150
Gross investment securities measured at fair value through other comprehensive income	3,583,437,057	3,277,253,227
Allowance for expected credit losses	(630,607)	(1,300,049)
Total investment securities measured at fair value through other comprehensive income*	3,583,437,057	3,277,253,227

* Investment securities measured at fair value through other comprehensive income are stated at fair value, while the loss allowance is recognised in other comprehensive income.

The credit ratings are presented in accordance with the standards of the rating agency Standard and Poor's or with similar standards of other international rating agencies.

As 31 December 2020 the bonds of the Ministry of Finance of the Republic of Kazakhstan with market value of KZT 94,346,826 (31 December 2019: KZT 27,284,433 thousand) were subject to a registered debenture to secure the repurchase agreements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
22. INVESTMENT SECURITIES MEASURED AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME, CONTINUED

As at 31 December 2020 a portion of investment securities measured at fair value through other comprehensive income was under the management of six (31 December 2019: seven) foreign asset management organisations. Depending on the mandate the managers invest into fixed income and equity instruments and are also allowed to use derivative instruments.

The portfolios under external management pursue the following investment strategies:

External manager	2020 '000 KZT	2019 '000 KZT	Strategy	Index
National Investment Corporation of the NBK JSC	200,547,370	165,045,102	Alternative instruments	65% - MSCI ACWI Investable Market Net Total Return Index (M1WDIM), 35% - Barclays Global Aggregate Bond Index (LEGATRUH)
Amundi Corporate Bonds	116,817,894	99,055,168	Global corporate bonds of investment grade	ICE BofAML Q847 Custom Index
Nomura Asset Management U.K. Limited Wellington	357,970,439	405,035,601	Global corporate bonds of investment grade	ICE BofAML Q847 Custom Index
	113,090,636	96,980,685	Global corporate bonds of investment grade	ICE BofAML Q847 Custom Index
Aviva Investors Global Services Limited	389,944,946	333,297,949	Bonds of emerging markets in hard currency	ICE BofAML Q846 Custom Index
Deutsche Asset Management International GmbH SSB	327,496,153	277,738,209	Bonds of emerging markets in hard currency	ICE BofAML Q846 Custom Index
	-	25,055	Mandate is closed	N/a
Total assets under external management	<u>1,505,867,438</u>	<u>1,377,177,769</u>		

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
22. INVESTMENT SECURITIES MEASURED AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME, CONTINUED

As at 31 December 2020 uninvested balances equivalent to KZT 61,937,952 thousand (31 December 2019: KZT 46,504,566 thousand), related to portfolios under external management are presented within “Placements and loans with banks and other financial institutions” (Note 19).

Analysis of allowance for expected credit losses

Movement in allowance for expected credit losses for investment securities measured at fair value through other comprehensive income is as follows:

'000 KZT	2020			
	Stage 1	Stage 2	Stage 3	Total
Investment securities measured at fair value through other comprehensive income				
Balance at 1 January	1,223,156	76,893	-	1,300,049
- Transfer to Stage 1	51,022	(51,022)	-	-
- Transfer to Stage 2	(939,318)	939,318	-	-
Net remeasurement of loss allowance	401,860	(802,330)	-	(400,470)
New financial assets originated or purchased	547,438	66,075	-	613,513
Financial assets that have been derecognised	(842,573)	(136,781)	-	(979,354)
Foreign exchange and other movements	109,934	(13,065)	-	96,869
Balance at 31 December	551,519	79,088	-	630,607
'000 KZT	2019			
	Stage 1	Stage 2	Stage 3	Total
Investment securities measured at fair value through other comprehensive income				
Balance at 1 January	600,234	283,663	-	883,897
- Transfer to Stage 1	60,453	(60,453)	-	-
- Transfer to Stage 2	(45,306)	45,306	-	-
Net remeasurement of loss allowance	542,311	7,849	-	550,160
New financial assets originated or purchased	569,952	403,439	-	973,391
Financial assets that have been derecognised	(500,366)	(605,365)	-	(1,105,731)
Foreign exchange and other movements	(4,122)	2,454	-	(1,668)
Balance at 31 December	1,223,156	76,893	-	1,300,049

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

22. INVESTMENT SECURITIES MEASURED AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME, CONTINUED

Unquoted equity instruments

Investment securities measured at fair value through other comprehensive income comprise unquoted ordinary shares of NC “KazMunayGas” JSC for KZT 750,000,000 thousand in 2020 (2019: KZT 750,000,000 thousand), the fair value of which cannot be reliably determined. There is no market for this equity instrument and there have not been any recent transactions that provide evidence of the current fair value.

23. INVESTMENT SECURITIES MEASURED AT AMORTISED COST

	2020	2019
	'000 KZT	'000 KZT
Investments in foreign securities		
Eurobonds rated AAA	154,570,395	145,020,698
Government bonds rated A+	95,086,919	77,974,548
Corporate bonds rated AAA	14,040,998	14,385,716
	263,698,312	237,380,962
Allowance for expected credit losses	(120,217)	(124,495)
Carrying amount of investments in foreign securities	263,578,095	237,256,467
Investments in Kazakhstan securities		
Bonds of the Ministry of Finance of the Republic of Kazakhstan rated BBB-	719,355,438	617,668,595
Securities of second-tier banks and other organisations	139,242,045	121,641,315
Municipal bonds of Akimat of Shymkent city	-	10,042,455
	858,597,483	749,352,365
Allowance for expected credit losses	(231,843)	(816,305)
Carrying amount of investments in Kazakhstan securities	858,365,640	748,536,060
Gross investment securities	1,122,295,795	986,733,327
Allowance for expected credit losses	(352,060)	(940,800)
Total investment securities	1,121,943,735	985,792,527

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

23. INVESTMENT SECURITIES MEASURED AT AMORTISED COST, CONTINUED

Analysis of allowance for expected credit losses

Movement in allowance for expected credit losses for investment securities measured at amortised cost for 2020 and 2019 is as follows:

'000 KZT	2020	2019
	Stage 1	Stage 1
Investment securities measured at amortised cost		
Balance at 1 January	940,800	126,520
Net remeasurement of loss allowance	(629,926)	2,043
New financial assets originated or purchased	41,222	818,401
Financial assets that have been derecognised	(61)	(5,634)
Foreign exchange and other movements	25	-
Write-offs	-	(530)
Balance at 31 December	352,060	940,800

As at 31 December 2020 and 31 December 2019 the National Bank recognises loss allowances on investment securities measured at amortised cost at an amount equal to 12-month ECL.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

24. PROPERTY, EQUIPMENT AND INTANGIBLE ASSETS

'000 KZT	Land, buildings and structures	Furniture and equipment	Computer equipment	Vehicles	Right-of-use asset	Construction in progress/ equipment not yet installed	Intangible assets	Total
Historical/revalued cost								
Balance as at								
1 January 2020	34,528,609	34,126,852	5,287,887	2,536,275	-	2,980,897	7,486,160	86,946,680
Additions	750,845	2,182,383	2,219,951	94,876	2,809,726	1,747,818	1,469,766	11,275,365
Disposals	(42,523)	(180,825)	(185,299)	(27,609)	-	(63,306)	(70,249)	(569,811)
Write-offs	(5,941)	(678,901)	(42,431)	(2,649)	-	(16,449)	(182,975)	(929,346)
Balance as at								
31 December 2020	35,230,990	35,449,509	7,280,108	2,600,893	2,809,726	4,648,960	8,702,702	96,722,888
Depreciation and amortisation and impairment losses								
Balance as at								
1 January 2020	582,721	14,396,001	2,694,700	456,835	-	-	3,137,580	21,267,837
Depreciation and amortisation for the year	656,249	2,791,888	905,452	229,707	805,439	-	1,156,301	6,545,036
Disposals	(42,541)	(184,632)	(187,959)	(27,660)	-	-	(70,249)	(513,041)
Write-offs	(5,940)	(678,851)	(42,924)	(1,432)	-	-	(182,974)	(912,121)
Balance at								
31 December 2020	1,190,489	16,324,406	3,369,269	657,450	805,439	-	4,040,658	26,387,711
Carrying amount								
Balance as at								
31 December 2020	34,040,501	19,125,103	3,910,839	1,943,443	2,004,287	4,648,960	4,662,044	70,335,177

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

24. PROPERTY, EQUIPMENT AND INTANGIBLE ASSETS, CONTINUED

'000 KZT	Land, buildings and structures	Furniture and equipment	Computer equipment	Vehicles	Construction in progress/ equipment not yet installed	Intangible assets	Total
Historical/revalued cost							
Balance at 1 January 2019	36,636,461	33,246,520	3,893,817	2,979,317	3,462,350	7,619,411	87,837,876
Additions	1,406,889	1,992,296	2,163,597	198,868	775,235	1,314,262	7,851,147
Disposals	(1,259,197)	(875,649)	(689,349)	(120,732)	(1,255,927)	(1,069,185)	(5,270,039)
Write-offs	(2,255,544)	(236,315)	(80,178)	(521,178)	(761)	(378,328)	(3,472,304)
Balance as at 31 December 2019	34,528,609	34,126,852	5,287,887	2,536,275	2,980,897	7,486,160	86,946,680
Depreciation and amortisation and impairment losses							
Balance at 1 January 2019	1,542,544	12,549,261	2,499,507	609,440	-	2,871,930	20,072,682
Depreciation and amortisation for the year	1,406,850	2,959,823	868,309	455,035	-	1,576,958	7,266,975
Disposals	(95,381)	(877,347)	(589,584)	(86,462)	-	(934,313)	(2,583,087)
Write-offs	(2,271,292)	(235,736)	(83,532)	(521,178)	-	(376,995)	(3,488,733)
Balance at 31 December 2019	582,721	14,396,001	2,694,700	456,835	-	3,137,580	21,267,837
Carrying amount							
Balance as at 31 December 2019	33,945,888	19,730,851	2,593,187	2,079,440	2,980,897	4,348,580	65,678,843

There are no capitalised borrowing costs related to the acquisition or construction of property and equipment during 2020 and 2019.

Depreciation expenses in the amount of KZT 4,130,697 thousand (2019: KZT 3,748,942 thousand) were included in depreciation and amortisation expenses, KZT 339,049 thousand (2019: KZT 265,112 thousand) – in other general and administrative expenses, KZT 1,417,263 thousand (2019: KZT 64,734 thousand) – in banknotes and coins production expenses, KZT 641,534 thousand (2019: KZT 526,233 thousand) – in fee and commission income, KZT 16,493 thousand (2019: KZT 2,661,954 thousand) – in other operating income.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

24. PROPERTY, EQUIPMENT AND INTANGIBLE ASSETS, CONTINUED

Revalued assets

As at 31 December 2020 and 31 December 2019 buildings, constructions and vehicles owned by the National Bank were not revalued.

As at 31 December 2017 vehicles owned by the National Bank were not revalued, while revaluation of buildings and constructions was performed.

The fair values of the National Bank's land, buildings, and vehicles are categorised into Level 3 of the fair value hierarchy.

Should the land plots, buildings, constructions and vehicles not be revalued, then their carrying amounts as at 31 December 2020 would have been KZT 12,588,036 thousand (31 December 2019: KZT 12,161,613 thousand).

25. OTHER ASSETS

	2020 '000 KZT	2019 '000 KZT
Claims on repurchased loans	539,851,994	250,935,550
Short-term receivables	407,531,193	-
Other receivables	26,467,506	16,691,051
Gross other financial assets	973,850,693	267,626,601
Allowance for expected credit losses on claims on repurchased loans	(86,294)	(722,780)
Allowance for expected credit losses on other financial assets	(546,715)	(217,685)
Allowance for expected credit losses	(633,009)	(940,465)
Net other financial assets	973,217,684	266,686,136
Inventories	17,952,756	27,796,507
Refined and non-refined precious metals and stones	3,254,765	3,142,971
Prepayments for property, plant and equipment	1,670,486	2,647,688
Prepayment for banknotes and coins production	823,635	23,521,159
Other	2,382,456	3,264,203
Total other non-financial assets	26,084,098	60,372,528
Total other assets	999,301,782	327,058,664

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

25. OTHER ASSETS, CONTINUED

Claims on repurchased mortgage loans include amounts receivable from commercial bank-partners for purchased rights of claim on KZT-denominated mortgage loans.

KSF JSC is an Operator of two socially significant programs on mortgage loans financing: “7-20-25. New Opportunities for Housing Purchase for Each Family” and “Baspana Hit”.

During 2020 KSF JSC purchased mortgage loan portfolios from eight second-tier banks (in 2019: MO “Baspana”, from eight second-tier banks).

As at 31 December 2020 the volume of claims on repurchased loans was KZT 539,851,994 thousand (2019: KZT 250,935,550 thousand). As at 31 December 2020 the allowance for expected credit losses on claims on repurchased loans amounted to KZT 86,294 thousand (31 December 2019: KZT 722,780 thousand).

As at 31 December 2020 short-term receivables in the amount of KZT 407,531,193 thousand comprise of claims to the second-tier banks under the Program of concessional lending for small and medium-size enterprises (the “Program”), distributed among second-tier banks – participants of the Program, on special accounts with the NBK for further lending to business entities.

Under the Program, cash placed as a conditional deposit with the second-tier banks at an interest rate of 5% per annum as at 31 December 2020, is disclosed under the caption “Placements and loans with banks and other financial institutions” of the consolidated statement of financial position (Note 19).

The purpose of the placement is issuance of loans and financing under credit line facilities of enterprises to replenish working capital for a period of not exceeding 12 months at a preferential interest rate of 8% per annum, who suffered as a result of the introduction of a state of emergency in the Republic of Kazakhstan, starting from March 2020.

As at 31 December 2020 the short-term receivables are included in Stage 1 of the credit risk grade.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
25. OTHER ASSETS, CONTINUED
Analysis of allowance for expected credit losses

Movement in allowance for expected credit losses on claims on repurchased loans for 2020 and 2019 is as follows:

'000 KZT	2020			
	Stage 1	Stage 2	Stage 3	Total
Claims on repurchased loans				
Balance at 1 January	710,711	3,340	8,729	722,780
Transfer to Stage 2	(2,299)	2,299	-	-
Transfer to Stage 3	(274)	-	274	-
Net remeasurement of loss allowance	(719,848)	(4,214)	(1,169)	(725,231)
New financial assets originated or purchased	37,084	1,073	7,102	45,259
Other	43,486	-	-	43,486
Balance at 31 December	68,860	2,498	14,936	86,294

'000 KZT	2019			
	Stage 1	Stage 2	Stage 3	Total
Claims on repurchased loans				
Balance at 1 January	493,261	-	1,166	494,427
Transfer to Stage 2	(1,615)	1,615	-	-
Transfer to Stage 3	(590)	-	590	-
Net remeasurement of loss allowance	2,122	1,725	7,549	11,396
New financial assets originated or purchased	238,320	-	-	238,320
Financial assets that have been derecognised	(20,787)	-	(576)	(21,363)
Balance at 31 December	710,711	3,340	8,729	722,780

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

25. OTHER ASSETS, CONTINUED

Analysis of allowance for expected credit losses, continued

Movement in the impairment allowance for expected credit losses on other financial assets for 2020 and 2019 is as follows:

'000 KZT	2020			
	Stage 1	Stage 2	Stage 3	Total
Other financial assets				
Balance at 1 January	212,688	-	4,997	217,685
Net remeasurement of loss allowance	2,637	12,229	319,987	334,853
Write-offs	(5,823)	-	-	(5,823)
Balance at 31 December	209,502	12,229	324,984	546,715
'000 KZT	2019			
	Stage 1	Stage 2	Stage 3	Total
Other financial assets				
Balance at 1 January	286,369	-	-	286,369
New financial assets originated or purchased	313,544	-	4,997	318,541
Write-offs	(387,225)	-	-	(387,225)
Balance at 31 December	212,688	-	4,997	217,685

Credit quality analysis

The following table sets out information about the credit quality of other financial assets measured at amortised cost for 2020 and 2019:

'000 KZT	2020			
	Stage 1	Stage 2	Stage 3	Total
Other financial assets				
Not overdue	973,430,018	-	-	973,430,018
Overdue 31-90 days	-	38,825	-	38,825
Overdue 91-180 days	-	-	161,418	161,418
Overdue 181-360 days	-	-	220,432	220,432
Gross carrying amount	973,430,018	38,825	381,850	973,850,693
Loss allowance	(278,363)	(14,726)	(339,920)	(633,009)
Net carrying amount	973,151,655	24,099	41,930	973,217,684
'000 KZT	2019			
	Stage 1	Stage 2	Stage 3	Total
Other financial assets				
Not overdue	267,497,348	-	-	267,497,348
Overdue 31-90 days	-	97,298	-	97,298
Overdue 91-180 days	-	-	4,612	4,612
Overdue 181-360 days	-	-	27,343	27,343
Gross carrying amount	267,497,348	97,298	31,955	267,626,601
Loss allowance	(923,399)	(3,340)	(13,726)	(940,465)
Net carrying amount	266,573,949	93,958	18,229	266,686,136

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

26. CURRENCY IN CIRCULATION

	2020 '000 KZT	2019 '000 KZT
Banknotes and coins in circulation	3,252,242,640	2,690,130,336
Less banknotes and coins on hand	(1,374,161)	(1,382,550)
	<u>3,250,868,479</u>	<u>2,688,747,786</u>

27. DEPOSITS AND BALANCES FROM BANKS AND OTHER FINANCIAL INSTITUTIONS

	2020 '000 KZT	2019 '000 KZT
Deposits and balances from foreign banks and other financial institutions		
Current accounts of international financial organisations	582,114,441	508,023,480
OECD based banks	907,483	97,871
Other foreign banks	1,472,363	1,804,134
Total deposits and balances from foreign banks and other financial institutions	<u>584,494,287</u>	<u>509,925,485</u>
Deposits and balances from Kazakhstan banks and other financial institutions		
Loro accounts		
Kazakhstan 10 top banks*	1,378,388,716	1,398,559,539
Other Kazakhstan banks and financial institutions	581,552,657	499,214,510
Deposits**		
Kazakhstan 10 top banks*	3,121,368,484	1,174,829,358
Other Kazakhstan banks and financial institutions	1,662,611,740	802,897,309
Total deposits and balances from Kazakhstan banks	<u>6,743,921,597</u>	<u>3,875,500,716</u>
Total deposits and balances from banks and other financial institutions	<u>7,328,415,884</u>	<u>4,385,426,201</u>

* based on total assets as at 31 December 2020.

** as at 31 December 2019 include the liability part of the swap deals in the amount of KZT 15,099,183 thousand that is accounted for not as derivatives, but as deposits from banks and is measured at nominal in accordance with the Basis of Accounting (Note 2).

As at 31 December 2020 the National Bank has five counterparties (31 December 2019: three counterparties), whose balances exceed 10% of equity. The gross value of these balances as at 31 December 2020 is KZT 4,175,833,677 thousand (31 December 2019: KZT 1,745,431,948 thousand).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

27. DEPOSITS AND BALANCES FROM BANKS AND OTHER FINANCIAL INSTITUTIONS, CONTINUED

As at 31 December 2020 the current accounts of international financial organisations include the membership quota of the Republic of Kazakhstan in the International Monetary Fund (the “IMF”) in the amount of KZT 582,107,599 thousand (31 December 2019: KZT 508,016,638 thousand). A membership quota expressed in Special Drawing Rights (“SDRs”) is assigned to each member of the IMF. The NBK issued promissory notes to the IMF in the amount of the quota (SDR 960,225 thousand).

28. REPURCHASE AGREEMENTS

In December 2020 the National Bank concluded repurchase agreements in the auto repo market of KASE JSC in the amount of KZT 100,597,147 thousand (31 December 2019: KZT 27,941,316 thousand).

As at 31 December 2020 the fair value of financial assets collateralising repurchase agreements is KZT 94,346,826 thousand (31 December 2019: KZT 27,284,433 thousand).

29. CURRENT ACCOUNTS OF THE NATIONAL FUND OF THE REPUBLIC OF KAZAKHSTAN

As at 31 December 2020 current accounts of the National Fund of the Republic of Kazakhstan (the “National Fund”) amounted to KZT 441,555,267 thousand (31 December 2019: KZT 724,730,007 thousand).

During 2020 and 2019 the National Bank performed the trust management activities over the assets of the National Fund. Assets and liabilities of the National Fund are not included in these consolidated financial statements, except for current accounts of the National Fund in NBK.

30. CURRENT ACCOUNTS OF THE MINISTRY OF FINANCE OF THE REPUBLIC OF KAZAKHSTAN

	2020	2019
	'000 KZT	'000 KZT
In national currency	959,663,575	394,704,948
In foreign currency	472,488,663	2,830,476
	<u>1,432,152,238</u>	<u>397,535,424</u>

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

31. CUSTOMER ACCOUNTS

	2020	2019
	'000 KZT	'000 KZT
In national currency	238,954,354	180,136,454
In foreign currency	92,659	2,750,969
	239,047,013	182,887,423

During 2020 and 2019 NBK maintained customer accounts in foreign and national currencies. NBK customers' industry is state management, and industries, in which the customers of the NBK's subsidiaries are operating, are financial agency services, insurance and liquidation of banks.

As at 31 December 2020 customer accounts did not include customers with a balance exceeding 2% of equity (31 December 2019: no customers).

32. DEBT SECURITIES ISSUED

As at 31 December 2020 debt securities issued comprise the following issues:

Issues	Carrying amount	Date of issue	Date of maturity	Effective interest rate
KZW100011771	285,288,716	17/01/2020	15/01/2021	10.14
KZW100011839	82,724,937	07/02/2020	05/02/2021	10.14
KZW100011938	35,468,108	20/03/2020	19/03/2021	12.00
KZW100011979	77,275,949	03/04/2020	02/04/2021	12.00
KZW100012076	166,899,832	15/05/2020	14/05/2021	10.72
KZW100012159	91,072,177	19/06/2020	18/06/2021	10.69
KZW100012225	95,454,285	24/07/2020	22/01/2021	9.99
KZW100012290	162,761,170	21/08/2020	19/02/2021	9.90
KZW100012365	124,133,965	25/09/2020	26/03/2021	9.93
KZW100012407	127,712,618	16/10/2020	15/01/2021	9.54
KZW100012423	101,836,444	23/10/2020	23/04/2021	9.87
KZW100012456	211,906,764	06/11/2020	05/02/2021	9.53
KZW100012480	101,086,656	20/11/2020	21/05/2021	9.81
KZW100012514	215,947,708	09/12/2020	06/01/2021	9.02
KZW100012522	323,784,296	11/12/2020	12/03/2021	9.50
KZW100012530	231,815,382	15/12/2020	13/01/2021	9.01
KZW100012548	196,249,836	23/12/2020	20/01/2021	9.02
KZW100012555	100,178,326	25/12/2020	25/06/2021	9.74
KZW100012563	185,895,963	30/12/2020	27/01/2021	9.01
	2,917,493,132			

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
32. DEBT SECURITIES ISSUED, CONTINUED

Issues	Carrying amount	Date of issue	Date of maturity	Effective interest rate
KZ2C00006211	8,219,741	26/09/2019	26/09/2021	10.33
KZ2C00006211	2,518,078	26/09/2019	26/09/2021	10.49
KZ2C00006211	15,063,861	26/09/2019	26/09/2021	10.92
KZ2C00006211	23,081,892	26/09/2019	26/09/2021	11.02
KZ2C00006211	21,424,716	26/09/2019	26/09/2021	11.02
KZ2C00006328	19,812,181	15/11/2019	15/11/2021	10.92
KZ2C00006328	9,736,786	15/11/2019	15/11/2021	10.91
KZ2C00006328	19,491,945	15/11/2019	15/11/2021	10.91
KZ2C00006328	11,992,408	15/11/2019	15/11/2021	10.89
KZ2C00006328	990,832	15/11/2019	15/11/2021	10.90
KZ2C00006328	3,964,539	15/11/2019	15/11/2021	10.86
KZ2C00006328	6,940,286	15/11/2019	15/11/2021	10.81
KZ2C00006328	19,828,519	15/11/2019	15/11/2021	10.82
KZ2C00006328	6,340,602	15/11/2019	15/11/2021	10.81
KZ2C00006336	1,357,026	26/12/2019	26/12/2022	10.81
KZ2C00006336	3,714,866	26/12/2019	26/12/2022	10.78
KZ2C00006336	15,821,422	26/12/2019	26/12/2022	10.75
KZ2C00006336	7,983,571	26/12/2019	26/12/2022	10.75
KZ2C00006484	14,593,063	27/02/2020	27/02/2023	10.75
KZ2C00006484	6,385,323	27/02/2020	27/02/2023	10.75
KZ2C00006484	14,869,075	27/02/2020	27/02/2023	11.48
KZ2C00006484	2,031,380	27/02/2020	27/02/2023	11.55
KZ2C00006484	6,745,812	27/02/2020	27/02/2023	11.45
KZ2C00006484	7,127,103	27/02/2020	27/02/2023	11.43
KZ2C00006484	5,093,587	27/02/2020	27/02/2023	11.37
KZ2C00006484	2,038,601	27/02/2020	27/02/2023	11.35
KZ2C00006484	6,119,578	27/02/2020	27/02/2023	11.32
KZ2C00006484	5,100,246	27/02/2020	27/02/2023	11.29
KZ2C00006484	5,100,298	27/02/2020	27/02/2023	11.30
KZ2C00006484	3,073,017	27/02/2020	27/02/2023	11.06
KZ2C00006484	6,145,742	27/02/2020	27/02/2023	11.06
KZ2C00006484	5,123,359	27/02/2020	27/02/2023	11.03
KZ2C00006484	10,245,760	27/02/2020	27/02/2023	11.04
KZ2C00006484	2,429,962	27/02/2020	27/02/2023	11.01
KZ2C00006476	4,815,750	10/04/2020	10/04/2025	11.52
KZ2C00006476	6,276,252	10/04/2020	10/04/2025	11.44

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

32. DEBT SECURITIES ISSUED, CONTINUED

Issues	Carrying amount	Date of issue	Date of maturity	Effective interest rate
KZ2C00006476	2,900,872	10/04/2020	10/04/2025	11.39
KZ2C00006476	4,835,696	10/04/2020	10/04/2025	11.37
KZ2C00006476	2,904,594	10/04/2020	10/04/2025	11.35
KZ2C00006476	2,906,135	10/04/2020	10/04/2025	11.33
KZ2C00006476	4,845,543	10/04/2020	10/04/2025	11.32
KZ2C00006476	486,339	10/04/2020	10/04/2025	11.20
KZ2C00006476	4,865,443	10/04/2020	10/04/2025	11.19
KZ2C00006476	2,929,216	10/04/2020	10/04/2025	11.12
KZ2C00006476	10,735,708	10/04/2020	10/04/2025	11.10
KZ2C00006948	6,935,912	04/09/2020	04/09/2022	10.93
KZ2C00006948	6,934,711	04/09/2020	04/09/2022	10.97
KZ2C00006948	4,953,144	04/09/2020	04/09/2022	10.97
KZ2C00006948	4,953,012	04/09/2020	04/09/2022	10.97
KZ2C00006948	6,634,980	04/09/2020	04/09/2022	10.98
KZ2C00006948	2,971,919	04/09/2020	04/09/2022	10.97
KZ2C00006948	9,908,551	04/09/2020	04/09/2022	10.95
KZ2C00006948	6,244,068	04/09/2020	04/09/2022	10.96
KZ2C00006955	6,494,639	11/09/2020	11/09/2025	11.17
KZ2C00006955	6,492,668	11/09/2020	11/09/2025	11.29
KZ2C00006955	14,858,194	11/09/2020	11/09/2025	11.25
KZ2C00006906	204,726,300	21/10/2020	21/10/2032	11.92
KZ2C00007037	12,879,550	06/11/2020	06/11/2022	10.95
KZ2C00007037	14,861,614	06/11/2020	06/11/2022	10.94
KZ2C00007037	14,868,285	06/11/2020	06/11/2022	10.92
KZ2C00007037	11,901,233	06/11/2020	06/11/2022	10.89
KZ2C00007037	5,457,001	06/11/2020	06/11/2022	10.85
KZ2C00007136	9,164,899	20/11/2020	20/11/2030	11.11
KZ2C00007110	4,746,947	11/12/2020	11/12/2025	11.01
KZ2C00007110	9,509,698	11/12/2020	11/12/2025	10.98
KZ2C00007128	13,974,175	14/12/2020	14/12/2027	11.05
	728,478,225			
	3,645,971,357			

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

32. DEBT SECURITIES ISSUED, CONTINUED

As at 31 December 2019 debt securities issued comprise the following issues:

Issues	Carrying amount	Date of issue	Date of maturity	Effective interest rate
KZW100010633	43,526,531	18/01/2019	17/01/2020	9.03
KZW100010831	37,652,064	08/02/2019	07/02/2020	9.12
KZW100010989	195,973,658	15/03/2019	13/03/2020	9.00
KZW100011045	48,447,859	05/04/2019	03/04/2020	8.96
KZW100011144	100,805,122	17/05/2019	15/05/2020	8.77
KZW100011193	51,630,387	07/06/2019	05/06/2020	8.92
KZW100011235	116,467,575	21/06/2019	19/06/2020	9.95
KZW100011284	359,360,113	12/07/2019	10/07/2020	9.97
KZW100011326	36,526,447	26/07/2019	24/01/2020	9.79
KZW100011367	87,574,882	09/08/2019	07/08/2020	9.97
KZW100011391	138,298,399	23/08/2019	21/02/2020	9.81
KZW100011425	56,986,940	06/09/2019	04/09/2020	10.00
KZW100011474	92,147,824	27/09/2019	27/03/2020	9.96
KZW100011508	51,678,763	11/10/2019	09/10/2020	10.17
KZW100011524	65,455,509	18/10/2019	17/01/2020	9.86
KZW100011532	86,688,017	16/10/2019	14/10/2020	10.17
KZW100011557	68,781,633	25/10/2019	24/04/2020	10.08
KZW100011573	114,828,473	01/11/2019	31/01/2020	9.89
KZW100011607	20,719,624	01/11/2019	30/10/2020	10.17
KZW100011623	24,296,935	08/11/2019	06/11/2020	10.19
KZW100011656	98,283,988	22/11/2019	22/05/2020	10.11
KZW100011680	50,817,055	06/12/2019	04/12/2020	10.20
KZW100011698	282,714,300	11/12/2019	08/01/2020	9.41
KZW100011706	256,588,732	18/12/2019	15/01/2020	9.41
KZW100011714	192,938,952	20/12/2019	20/03/2020	9.89
KZW100011722	326,087,700	25/12/2019	22/01/2020	9.39
KZW100011730	113,144,667	27/12/2019	26/06/2020	10.11
KZW100011748	259,632,313	31/12/2019	29/01/2020	9.37
	3,378,054,462			

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

32. DEBT SECURITIES ISSUED, CONTINUED

Issues	Carrying amount	Date of issue	Date of maturity	Effective interest rate
KZ2C00005833	10,581,151	05/04/2019	05/04/2020	9.72
KZ2C00005833	10,581,505	12/04/2019	05/04/2020	9.72
KZ2C00005833	10,586,133	13/05/2019	05/04/2020	9.55
KZ2C00005833	7,413,093	29/05/2019	05/04/2020	9.38
KZ2C00005833	3,177,249	13/06/2019	05/04/2020	9.37
KZ2C00005833	9,419,156	14/06/2019	05/04/2020	9.43
KZ2C00005833	7,396,705	02/07/2019	05/04/2020	10.27
KZ2C00005833	11,621,052	16/07/2019	05/04/2020	10.35
KZ2C00005833	10,565,638	25/07/2019	05/04/2020	10.31
KZ2C00005833	10,563,370	08/08/2019	05/04/2020	10.39
KZ2C00005833	6,338,881	23/08/2019	05/04/2020	10.34
KZ2C00005833	7,506,823	27/08/2019	05/04/2020	10.31
KZ2C00006211	8,101,405	26/09/2019	26/09/2021	10.33
KZ2C00006211	2,478,655	03/10/2019	26/09/2021	10.49
KZ2C00006211	14,775,829	09/10/2019	26/09/2021	10.92
KZ2C00006211	22,621,838	11/10/2019	26/09/2021	11.01
KZ2C00006211	20,998,514	29/10/2019	26/09/2021	11.02
KZ2C00006328	19,424,407	15/11/2019	15/11/2021	10.92
KZ2C00006328	9,547,303	21/11/2019	15/11/2021	10.92
KZ2C00006328	19,113,164	28/11/2019	15/11/2021	10.90
KZ2C00006328	11,760,780	05/12/2019	15/11/2021	10.89
KZ2C00006328	971,663	12/12/2019	15/11/2021	10.90
KZ2C00006328	3,889,065	19/12/2019	15/11/2021	10.84
KZ2C00006336	1,333,058	26/12/2019	26/12/2022	10.88
	240,766,437			
	3,618,820,899			

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

32. DEBT SECURITIES ISSUED, CONTINUED

Reconciliation of change in the debt securities issued and cash flows from financing activities

In 2020 and 2019 the change in the debt securities issued is as follows:

	2020
	'000 KZT
Balance at the beginning of the year	3,618,820,899
Notes issued, paid by cash	14,795,265,568
Nominal cost repaid	(14,783,505,350)
Total changes in cash flows from financing activities	11,760,218
Other changes	
Interest accrued	350,095,044
Interest paid	(334,704,804)
Balance at the end of the year	3,645,971,357
	2019
	'000 KZT
Balance at the beginning of the year	4,113,400,912
Notes issued, paid by cash	30,600,920,476
Nominal cost repaid	(31,124,090,128)
Total changes in cash flows from financing activities	(523,169,652)
Other changes	
Interest accrued	307,960,426
Interest paid	(279,370,787)
Balance at the end of the year	3,618,820,899

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
33. ESTIMATED LIABILITIES

Provision for guaranteeing deposits is recognised in equity in the consolidated statement of financial position of the National Bank as “Special guarantee reserve” and amounts to KZT 598,376,004 thousand (31 December 2019: KZT 500,764,758 thousand) (Note 35).

Provision to cover guarantees related to payment of the guaranteed compensation was recognised within liabilities in the consolidated statement of financial position of the National Bank as “Estimated liabilities” and amounted to KZT 53,056,189 thousand (31 December 2019: KZT 33,162,428 thousand).

The table below shows analysis of movement in the provision for guarantees for the years ended 31 December 2020 and 31 December 2019:

	2020	2019
	'000 KZT	'000 KZT
Provision for guarantees at 1 January	33,162,428	55,963,528
<i>Changes affecting contributions to provision for estimated liabilities</i>		
Change in risk parameters	14,197,985	9,543,579
Occurrence of default event (transfer from stage 2 to stage 3)	17,360,768	-
Significant increase in risk (transfer from stage 1 to stage 2)	418,280	5,170,455
Change in the amount of guaranteed compensation on deposits	5,671,895	-
Total expenses stated in profit or loss for the year	37,648,928	14,714,034
Transfer to liabilities to depositors due to liquidation	(17,755,167)	(37,515,134)
Provision for guarantees at 31 December	53,056,189	33,162,428

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

33. ESTIMATED LIABILITIES, CONTINUED

Guarantee reserve movement

The change in the guarantee reserve for 2020 and 2019 is presented as follows:

'000 KZT	2020			
	Stage 1	Stage 2	Stage 3	Total
Guarantee reserve				
Balance at 1 January	27,991,973	5,170,455	-	33,162,428
- Transfer to Stage 2	(418,280)	418,280	-	-
- Transfer to Stage 3	-	(17,360,768)	17,360,768	-
Net reserve measurement	25,482,496	11,772,033	394,399	37,648,928
Payment of guaranteed compensation due to the liquidation	-	-	(17,755,167)	(17,755,167)
Balance at 31 December	53,056,189	-	-	53,056,189
'000 KZT	2019			
	Stage 1	Stage 2	Stage 3	Total
Guarantee reserve				
Balance at 1 January	18,448,394	-	37,515,134	55,963,528
- Transfer to Stage 2	(5,170,455)	5,170,455	-	-
Net reserve measurement	14,714,034	-	-	14,714,034
Payment of guaranteed compensation due to the liquidation	-	-	(37,515,134)	(37,515,134)
Balance at 31 December	27,991,973	5,170,455	-	33,162,428

In 2020 payments of guarantee compensation to depositors of these banks due to their liquidation were made at the expense of previously created reserves and expenses of the current period. The amount of liabilities for these banks amounted to KZT 17,755,167 thousand (2019: KZT 37,854,994 thousand).

A guaranteed compensation is a total amount of money paid to a depositor in case of forced liquidation of a participating bank. According to the Law of the Republic of Kazakhstan "On the obligatory guarantee of deposits placed in the second-tier banks of the Republic of Kazakhstan", a depositor shall receive a guaranteed compensation in the amount equal to deposit(s) balances without accrued interest and not exceeding the amount of maximum state guarantee per each depositor for each bank separately. Maximum state guarantee amount per each depositor shall be:

- up to 15 million KZT on savings deposits in national currency;
- up to 10 million KZT on non-term and term deposits, demand deposits, current accounts and payment cards in national currency;
- up to 5 million KZT on deposits and accounts in foreign currency.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

33. ESTIMATED LIABILITIES, CONTINUED

The National Bank calculates a reserve for expected credit losses on payment of guaranteed compensation to depositors in case of forced liquidation of participating banks, taking into account their probability of default and portion of funds not subject to be recovered in the course of bank liquidation, according to the Methods of Calculation of Reserves for Guarantees related to payment of guaranteed compensation. The probability of bank's default is determined in accordance with a risk-classification group, which in turn shows extent of bank's exposure to risk. A risk-classification group is determined based on analysis of capital adequacy, assets quality, return on assets and liquidity. Portion of funds not subject to be recovered in the course of bank liquidation is determined according to the history of guaranteed compensation payments to depositors and recovery of paid funds in the course of forced liquidation of a participating bank.

The following components have a significant impact on estimated reserve for expected credit losses: determination of probability of default, significant increase in credit risk, exposure at default and loss given default, as well as macroeconomic scenarios model.

34. OTHER LIABILITIES

	2020	2019
	'000 KZT	'000 KZT
Other creditors on non-banking activity	20,182,833	14,287,979
Other creditors on banking activity	4,317,017	3,257,437
Total other financial liabilities	24,499,850	17,545,416
Salaries payable	7,293,138	6,063,447
Tax payable (except for corporate income tax)	1,326,586	1,480,208
Other prepayments received	416,645	994,087
Payables on purchase of property and equipment	297,381	246,343
Total other non-financial liabilities	9,333,750	8,784,085
Total other liabilities	33,833,600	26,329,501

As at 31 December 2020 other creditors on non-banking activity comprise obligations to pay for the purchase of gold from counterparties in the amount of KZT 15,442,141 thousand, which were settled in January 2021 (31 December 2019: KZT 11,118,356 thousand), and lease liability in the amount of KZT 2,049,494 thousand (31 December 2019: KZT nil).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

34. OTHER LIABILITIES, CONTINUED

In 2020 KDIF JSC recognised liabilities on payment of guaranteed compensation to the depositors of the banks being liquidated. The amount of liabilities thereon was KZT 17,755,167 thousand (2019: KZT 37,854,994 thousand). The payment of guaranteed compensation was made through the agent bank. As at 31 December 2020 the remaining portion of the liability on payment of guaranteed compensation is KZT 2,255,315 thousand (31 December 2019: KZT 1,327,982 thousand).

35. CHARTER CAPITAL**Share capital**

The charter capital of the National Bank is regulated by the Edict of the President of the Republic of Kazakhstan dated 30 March 1995 with subsequent amendments. The charter capital of the NBK is owned by the state and is formed in the amount of not less than KZT 20,000,000 thousand.

As at 31 December 2020 and 31 December 2019 the NBK charter capital was KZT 20,000,000 thousand.

Dividends and reserve capital

In accordance with the Law of the Republic of Kazakhstan “On the National Bank of the Republic of Kazakhstan”, the NBK should form a capital reserve in the amount of not less than its charter capital. Reserve capital increased at the expenses of the net retained earnings and assigned exclusively to compensate and reimburse losses incurred on the conducted operations in accordance with the requirements set by the Management Board of the National Bank of Kazakhstan. As at 31 December 2020, the capital reserve was nil (31 December 2019: nil).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

35. CHARTER CAPITAL, CONTINUED

Special guarantee reserve

According to the Law of the Republic of Kazakhstan “On the obligatory guarantee of deposits placed in the second tier banks of the Republic of Kazakhstan”, to perform activity related to payment of guaranteed compensation, KDIF JSC establishes a special guarantee reserve formed at the expense of KDIF JSC within 70% of its share capital, contributions of the participating banks, penalty imposed on participating banks for failure to perform and improper performance of obligations under an adhesion contract, cash received as a result of fulfilment by a forcibly liquidated participating bank of the requirements of KDIF JSC related to the amounts of guaranteed compensation, as well as allocation of profit according to the decision of the NBK. A special guarantee reserve is established to pay a guaranteed compensation to the depositors in case of forced liquidation of a participating bank.

According to the Law of the Republic of Kazakhstan “On the obligatory guarantee of deposits placed in the second tier banks of the Republic of Kazakhstan”, a target amount of a special reserve of an organisation that perform the obligatory guaranteeing of deposits, to be not less than 5% of the amount of all guaranteed deposits in the participating banks.

An actual amount of a special guarantee reserve net of 70% of share capital as at 31 December 2020 and 2019 is KZT 598,376,004 thousand or 5.5% and KZT 500,764,758 thousand or 5.4% of gross amount of guaranteed deposits in participating banks, respectively.

	2020	2019
	'000 KZT	'000 KZT
Calendar contributions of banks participating in the deposit guarantee system	256,051,123	242,868,293
Amount of compensation made by a liquidation commission of a forcibly liquidated bank	25,582,193	17,359,058
Fines and penalties paid by banks participating in the deposit guarantee system	61,024	50,099
Formation of reserve out of own funds in accordance with the Law	55,600,000	55,600,000
Net income allocated for formation of special guarantee reserve	261,081,664	184,887,308
Special guarantee reserve	598,376,004	500,764,758

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

35. CHARTER CAPITAL, CONTINUED**Capital management**

Retained earnings are transferred to the charter and/or reserve capital in the amount determined by the Management Board of the NBK. After the approval of the annual report of the National Bank by the President of the Republic of Kazakhstan the remaining part of the retained earnings is transferred to the State budget with a deferral of one financial year.

If a reserve capital amount is less than the share capital amount, the entire net retained earnings remain at the National Bank's disposal and is transferred to the reserve capital until the later reaches the level of the share capital.

36. ANALYSIS BY SEGMENT

The National Bank's operations comprise a single operating segment for the purposes of these consolidated financial statements. The National Bank is not required to report revenue and expenses by reference to the functions carried out by the National Bank, these activities do not constitute separate operating segments for the purposes of these consolidated financial statements.

37. RISK MANAGEMENT**Risk management policies and procedures**

Risk management is fundamental to the National Bank's activities and is an essential element of the National Bank operations. The major risks faced by the National Bank are those related to market risk, credit risk and liquidity risk.

The National Bank's risk management policies aim to identify, analyse and manage the risks faced by the National Bank during its operations, to set appropriate risk limits and controls, and to continuously monitor risk levels and adherence to established limits. Risk management policies and procedures are reviewed regularly to reflect changes in market conditions, products and services offered and emerging best practice.

The management has overall responsibility for the oversight of the risk management framework, overseeing the management of key risks and reviewing its risk management policies and procedures as well as approving significantly large investment exposures.

The Management Board, Board of Directors, committees, commissions and related working groups review regularly matters related to the monetary and investment policies of the National Bank and set up limits on the scope of management over its assets and customers' assets, as well as requirements for the credit assessment of the National Bank's counterparties.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

37. RISK MANAGEMENT, CONTINUED**Risk management policies and procedures, continued**

In accordance with Investment Strategy on gold and foreign currency assets management of the NBK approved by the Resolution of the Management Board of the NBK on 17 June 2015 No. 112 (the “GFCA Investment Strategy”), the main goals of risk management are maintenance of liquidity and safety of the National Bank’s assets, and profitability growth in the medium and long-term perspective.

In accordance with the fulfilment of goals and functions of National Bank, gold and foreign currency assets of the National Bank are separated into the following portfolios: liquidity portfolio, investment portfolio, strategic portfolio, gold portfolio, developing market portfolio and portfolio of alternative investments.

In accordance with GFCA Investment Strategy subsidiary NIC NBK JSC manages the portfolio of alternative instruments.

In accordance with GFCA Investment Strategy and Investment Strategy for Management of Portfolio of Alternative Investments of GFCA of the National Bank approved by the Resolution of the Management Board of the NBK dated 28 May 2018 No.100, and in accordance with the terms and conditions of the Trust Investment Management Agreement No. 122NB/10 dated 29 March 2013 which was concluded between the NBK and NIC NBK JSC, NIC NBK JSC invests a part of the gold and foreign currency assets of the National Bank in the alternative classes of assets through the special purpose companies and/or partnerships.

Market risk

Market risk is the risk that the value or future cash flows of a financial instrument will fluctuate because of changes in market functions and conditions. Market risk comprises currency risk, interest rate risk and other price risks. Market risk arises from open positions in interest rate and equity financial instruments, which are exposed to general and specific market movements and changes in the level of volatility of market prices and foreign currency rates.

The objective of market risk management is to manage and control market risk exposures within acceptable parameters, whilst optimising the return on risk.

The National Bank manages its market risk mainly by conducting regular assessment of all open positions and setting open position limits in relation to financial instruments, interest rate maturity and currency positions and stop-loss limits. These are monitored on a regular basis and reviewed and approved by the Management Board.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

The National Bank utilises Tracking Error methodology. Tracking Error indicator reflects how actual performance of current portfolio differs from the performance of the benchmark portfolio. The estimated tracking error of the investment portfolio of gold and foreign currency assets including derivatives does not exceed 2 (two) percent per annum as at the last working day of each month.

Tracking Error can be used only when the investor manages a portfolio against the benchmark portfolio.

As at 31 December 2020 the benchmark portfolio for the investment portfolio of gold and foreign currency assets was a composite index of:

- 62,0% – ICE BofAML 0-3 Year US Treasury Index (G1QA);
- 12,5% – ICE BofAML 0-3 Year Germany, France, Netherlands, Austria, Luxembourg & Finland Government Index (EBDF);
- 12,5% – ICE BofAML 0-3 Year UK Gilt Index (GBL0);
- 8,0% – ICE BofAML 0-3 Year Australia Government Index (GJBT);
- 5,0% – ICE BofAML 0-3 Year All Maturity Canadian Government Index (GBCJ).

As at 31 December 2019 the benchmark portfolio for the investment portfolio of gold and foreign currency assets was a composite index of:

- 52% – ICE BofAML 0-3 Year US Treasury Index (G1QA);
- 15% – ICE BofAML 0-3 Year Germany, France, Netherlands, Austria, Luxembourg & Finland Government Index (EBDF);
- 10% – ICE BofAML 0-3 Year UK Gilt Index (GBL0);
- 8% – ICE BofAML 0-3 Year Australia Government Index (GJBT);
- 5% – ICE BofAML 0-3 Year Japan Government Index (G1YA);
- 5% – ICE BofAML 0-3 Year All Maturity Canadian Government Index (GBCJ);
- 5% – ICE BofAML 0-3 Year South Korean Government Index (GBSK).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

37. RISK MANAGEMENT, CONTINUED**Market risk, continued**

Investments in hedge funds, private equity funds and real estate funds bear, primarily, market risk and liquidity risk. In this regard, investments in alternative instruments of such type, including investment funds, are very popular among the long-term institutional investors. Such investors are aimed at obtaining a premium for liquidity risk and risk of short-term fluctuations in the financial markets. Therefore, the thorough choice, due diligence of such funds and investment limits per one manager and per one fund are the mandatory tools to control and optimise these risks. In addition, the investment and operating risks of these funds and their managers are regularly monitored and controlled – on the quarterly and semi-annual basis. To mitigate and diversify the risk of concentration, in addition to the above limits, there applied the requirements to diversify investments by the strategies, vintage (the year of formation of a private equity fund) and geography of investments.

Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The National Bank is exposed to the effects of fluctuations in the prevailing levels of market interest rates on its financial position and cash flows. Interest margins may increase as a result of such changes but may also reduce or create losses in the event that unexpected movements occur.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Interest rate gap analysis

Interest rate risk is managed principally through monitoring interest rate gaps. A summary of the interest gap position for major financial instruments is as follows:

'000 KZT	<u>Less than 3 months</u>	<u>3-6 months</u>	<u>6-12 months</u>	<u>1-5 years</u>	<u>More than 5 years</u>	<u>Non-interest bearing</u>	<u>Carrying amount</u>
31 December 2020							
ASSETS							
Cash on hand in foreign currency	-	-	-	-	-	122,879,854	122,879,854
Gold	733,253,739	47,759,093	-	-	-	9,165,256,839	9,946,269,671
Placements and loans with banks and other financial institutions	924,351,914	327,572,266	-	184,080,393	1,149,115,944	2,045,785,044	4,630,905,561
Financial instruments under management at fair value through profit or loss	-	-	-	-	-	633,025,926	633,025,926
Reverse repurchase agreements	20,012,508	-	-	-	-	-	20,012,508
Investment securities measured at fair value through other comprehensive income	59,149,372	77,103,833	253,172,757	1,421,656,807	823,303,652	949,050,636	3,583,437,057
Investment securities measured at amortised cost	14,481,524	28,715,508	124,746,555	184,163,170	769,836,978	-	1,121,943,735
Other financial assets	7,178,171	5,584,837	11,540,436	102,494,980	414,095,121	432,324,139	973,217,684
	<u>1,758,427,228</u>	<u>486,735,537</u>	<u>389,459,748</u>	<u>1,892,395,350</u>	<u>3,156,351,695</u>	<u>13,348,322,438</u>	<u>21,031,691,996</u>

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Interest rate gap analysis, continued

KZT'000	Less than 3 months	3-6 months	6-12 months	1-5 years	More than 5 years	Non-interest bearing	Carrying amount
LIABILITIES							
Currency in circulation	-	-	-	-	-	3,250,868,479	3,250,868,479
Deposits and balances from banks and other financial institutions	4,426,022,073	231,614,789	126,343,362	-	-	2,544,435,660	7,328,415,884
Financial instruments under management at fair value through profit or loss	-	-	-	-	-	968,165	968,165
Repurchase agreements	100,597,147	-	-	-	-	-	100,597,147
Current accounts of the National Fund of the Republic of Kazakhstan	-	-	-	-	-	441,555,267	441,555,267
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	959,663,575	-	-	-	-	472,488,663	1,432,152,238
Customer accounts	-	-	-	-	-	239,047,013	239,047,013
Debt securities issued	2,279,143,747	638,349,385	169,406,387	331,206,463	227,865,375	-	3,645,971,357
Estimated liabilities	-	-	-	-	-	53,056,189	53,056,189
Other financial liabilities	-	-	-	-	-	24,499,850	24,499,850
	7,765,426,542	869,964,174	295,749,749	331,206,463	227,865,375	7,026,919,286	16,517,131,589
	(6,006,999,314)	(383,228,637)	93,709,999	1,561,188,887	2,928,486,320	6,321,403,152	4,514,560,407

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Interest rate gap analysis, continued

KZT'000	Less than 3 months	3-6 months	6-12 months	1-5 years	More than 5 years	Non-interest bearing	Carrying amount
31 December 2019							
ASSETS							
Cash on hand in foreign currency	-	-	-	-	-	113,367,726	113,367,726
Gold	881,427,572	194,067,835	295,997,216	-	-	5,858,648,339	7,230,140,962
Placements and loans with banks and other financial institutions	886,155,515	-	10,668,033	-	964,145,833	719,791,711	2,580,761,092
Financial instruments under management at fair value through profit or loss	592,356	-	-	-	-	367,240,834	367,833,190
Reverse repurchase agreements	145,868,206	-	-	-	-	-	145,868,206
Investment securities measured at fair value through other comprehensive income	232,179,134	110,850,380	85,513,756	1,289,217,932	704,260,939	855,231,086	3,277,253,227
Investment securities measured at amortised cost	9,332,144	19,068,344	32,092,523	292,218,462	633,081,054	-	985,792,527
Other financial assets	4,958	3,269	9,796	3,883,358	247,742,863	15,041,892	266,686,136
	2,155,559,885	323,989,828	424,281,324	1,585,319,752	2,549,230,689	7,929,321,588	14,967,703,066

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Interest rate gap analysis, continued

KZT'000	Less than 3 months	3-6 months	6-12 months	1-5 years	More than 5 years	Non-interest bearing	Carrying amount
LIABILITIES							
Currency in circulation	-	-	-	-	-	2,688,747,786	2,688,747,786
Deposits and balances from banks and other financial institutions	1,943,481,776	19,145,707	15,175,701	-	-	2,407,623,017	4,385,426,201
Financial instruments under management at fair value through profit or loss	178,391	-	-	-	-	755,824	934,215
Repurchase agreements	27,941,316	-	-	-	-	-	27,941,316
Current accounts of the National Fund of the Republic of Kazakhstan	-	-	-	-	-	724,730,007	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	394,704,948	-	-	-	-	2,830,476	397,535,424
Customer accounts	-	-	-	-	-	182,887,423	182,887,423
Debt securities issued	2,042,370,902	703,311,987	738,122,328	135,015,682	-	-	3,618,820,899
Estimated liabilities	-	-	-	-	-	33,162,428	33,162,428
Other financial liabilities	-	-	-	-	-	17,545,416	17,545,416
	4,408,677,333	722,457,694	753,298,029	135,015,682	-	6,058,282,377	12,077,731,115
	(2,253,117,448)	(398,467,866)	(329,016,705)	1,450,304,070	2,549,230,689	1,871,039,211	2,889,971,951

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Average effective interest rates

The table below shows average effective interest rates for interest-bearing financial assets and financial liabilities as at 31 December 2020 and 31 December 2019. These interest rates are an approximation of the yields to maturity of these assets and liabilities.

	2020 KZT'000 Carrying amount	Average effective interest rate, %	2019 KZT'000 Book value	Average effective interest rate, %
Interest bearing assets				
Gold				
<i>Gold deposits with foreign banks</i>	781,012,832	0.02	1,371,492,623	0.03
Placements and loans with banks and other financial institutions				
<i>Nostro accounts</i>				
- EUR	878,093,322	0.64	228,886,883	0.59
- Other currency	40,004,149	0.91	3,896,491	0.73
- JPY	3,652,450	0.13	339,662,264	0.29
- RUB	945,259	2.00	16,362,042	2.00
- USD	51,822	0.30	282,243,204	1.44
- GBP	50,487	0.30	-	-
- KRW	456	0.15	124,036	0.10
<i>Loans and deposits with banks</i>				
- KZT	1,662,322,573	6.00	989,794,461	6.65

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Average effective interest rates, continued

	2020 KZT'000 Carrying amount	Average effective interest rate, %	2019 KZT'000 Book value	Average effective interest rate, %
Financial instruments under management at fair value through profit or loss				
- KZT	-	-	592,356	10.09
Reverse repurchase agreements				
- in KZT	20,012,508	10.00	145,868,206	8.63
Investment securities measured at fair value through other comprehensive income				
- USD	1,554,250,824	2.97	1,318,003,077	3.42
- KZT	547,448,409	8.18	592,960,274	8.16
- EUR	267,131,287	1.62	262,104,826	1.22
- GBP	114,492,558	1.56	84,254,345	2.57
- CAD	65,047,361	2.01	52,139,101	2.01
- AUD	56,186,390	2.78	54,453,652	3.65
- JPY	29,829,592	0.79	29,658,859	0.38
- KRW	-	-	28,448,007	2.68

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Interest rate risk, continued

Average effective interest rates, continued

	2020 KZT'000 Carrying amount	Average effective interest rate, %	2019 KZT'000 Book value	Average effective interest rate, %
Investment securities measured at amortised cost				
- KZT	1,026,726,874	7.82	907,699,125	7.46
- CNY	95,086,645	2.71	77,974,390	3.12
- USD	130,216	3.20	119,012	3.20
Other assets				
- KZT	540,893,545	6.22	251,644,244	4.91
Interest bearing liabilities				
Deposits and balances from banks and other financial institutions				
<i>Term deposits</i>				
- USD	2,874,654,006	0.29	923,234,617	0.77
- KZT	1,909,326,218	8.56	1,054,492,049	8.85
<i>Loans</i>				
- KZT	-	-	76,518	5.00
Financial instruments under management at fair value through profit or loss				
- RUB	-	-	178,391	5.65
Repurchase agreements				
- KZT	100,597,147	8.00	27,941,316	8.25
Unified Treasury Account				
- KZT	959,663,575	0.25	394,704,948	0.25
Debt securities issued				
- KZT	3,645,971,357	9.73	3,618,820,899	9.56

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
37. RISK MANAGEMENT, CONTINUED
Market risk, continued
Interest rate risk, continued
Interest rate sensitivity analysis

The management of interest rate risk based on interest rate gap analysis is supplemented by monitoring the sensitivity of financial assets and liabilities. An analysis of sensitivity of profit or loss and equity to changes in interest rate repricing risk based on a simplified scenario of a 300 basis point (bp) symmetrical rise or fall in all yield curves and positions of interest-bearing assets and liabilities existing as at 31 December 2020 and 31 December 2019 is as follows:

	2020		2019	
	Profit or loss KZT'000	Equity '000 KZT	Profit or loss KZT'000	Equity '000 KZT
300 bp parallel rise	(138,975,275)	(138,975,275)	(58,722,226)	(58,722,226)
300 bp parallel fall	138,975,275	138,975,275	58,722,226	58,722,226

An analysis of the sensitivity of profit or loss and equity as a result of changes in the fair value of financial instruments at fair value through profit or loss and investment securities at fair value through other comprehensive income due to changes in the interest rates, based on positions existing as at 31 December 2020 and 2019 and a simplified scenario of a 50 bp symmetrical rise or fall in all yield curves, is as follows:

	2020		2019	
	Net profit or loss KZT'000	Equity KZT'000	Net profit or loss KZT'000	Equity KZT'000
50 bp parallel fall	-	40,515,904	-	42,330,398
50 bp parallel rise	-	(46,919,451)	-	(44,182,322)

The above tables demonstrate the effect of a change of value of fixed-income financial instruments in a key assumption for interest rate change, while other assumptions remain unchanged. In reality, a correlation may exist between the factors, for which the assumption is made, and other factors not accounted for in the analysis. It should also be noted that these sensitivities are non-linear because of convexity of the price – yield to maturity curve, and larger or smaller impacts should not be interpolated or extrapolated from these results.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

37. RISK MANAGEMENT, CONTINUED**Market risk, continued*****Interest rate risk, continued******Interest rate sensitivity analysis, continued***

The sensitivity analysis do not take into consideration that the National Bank's assets and liabilities are actively managed. Additionally, the financial position of the National Bank may vary at the time that any actual market movement occurs. For example, the National Bank's financial risk management strategy aims to manage the exposure to market fluctuations. In case of sharp negative fluctuations, management actions could include selling investments, changing investment portfolio allocation and taking other protective action, while maintaining all restrictions and limits provided for by Investment Strategy of Gold and Foreign Exchange Reserves of the National Bank and other safeguards against decrease in assets value. Consequently, a change in the assumptions may not have any actual impact on the liabilities and significant impact on the assets carried at market value in the consolidated statement of financial position. In these circumstances, the different measurement bases for liabilities and assets may lead to volatility in equity.

Currency risk

The National Bank has assets and liabilities denominated in several foreign currencies.

Currency risk is the risk that the fair value or the future cash flows of a financial instrument will fluctuate because of changes in foreign currency exchange rates. The National Bank does not hedge its exposure to currency risk.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
37. RISK MANAGEMENT, CONTINUED
Market risk, continued
Currency risk, continued

The following table shows the National Bank's foreign currency exposure structure of financial assets and liabilities as at 31 December 2020:

KZT'000	KZT	Gold	USD	EUR	JPY	SDR	GBP	Other	Total
ASSETS									
Cash on hand in foreign currency	-	-	121,562,192	1,204,434	8,356	-	55,657	49,215	122,879,854
Gold	-	9,946,269,671	-	-	-	-	-	-	9,946,269,671
Placements and loans with banks and other financial institutions	1,659,159,182	-	1,304,724,635	888,914,755	12,020,417	705,899,076	8,045,522	52,141,974	4,630,905,561
Financial instruments under management at fair value through profit or loss	-	-	632,741,794	16,041	25,753	-	37,231	205,107	633,025,926
Reverse repurchase agreements	20,012,508	-	-	-	-	-	-	-	20,012,508
Investment securities measured at fair value through other comprehensive income	1,297,448,409	-	1,701,478,143	313,606,871	33,306,273	-	116,363,610	121,233,751	3,583,437,057
Investment securities measured at amortised cost	1,026,726,874	-	130,216	-	-	-	-	95,086,645	1,121,943,735
Investments in associates	5,683,549	-	-	-	-	-	-	-	5,683,549
Other financial assets	973,217,684	-	-	-	-	-	-	-	973,217,684
Total assets	4,982,248,206	9,946,269,671	3,760,636,980	1,203,742,101	45,360,799	705,899,076	124,502,020	268,716,692	21,037,375,545

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Currency risk, continued

KZT'000	KZT	Gold	USD	EUR	JPY	SDR	GBP	Other	Total
LIABILITIES									
Currency in circulation	3,250,868,479	-	-	-	-	-	-	-	3,250,868,479
Deposits and balances from banks and other financial institutions	2,900,520,773	-	3,412,871,716	400,581,450	11,223,679	582,107,600	3,296,698	17,813,968	7,328,415,884
Financial instruments under management at fair value through profit or loss	1,058	-	448,267	259,538	7,055	-	44,506	207,741	968,165
Repurchase agreements	100,597,147	-	-	-	-	-	-	-	100,597,147
Current accounts of the National Fund of the Republic of Kazakhstan	441,555,267	-	-	-	-	-	-	-	441,555,267
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	959,663,575	-	41,530	469,553,327	-	-	-	2,893,806	1,432,152,238
Customer accounts	238,954,354	-	65,647	26,969	-	-	17	26	239,047,013
Debt securities issued	3,645,971,357	-	-	-	-	-	-	-	3,645,971,357
Estimated liabilities	53,056,189	-	-	-	-	-	-	-	53,056,189
Other financial liabilities	21,555,779	-	2,943,864	207	-	-	-	-	24,499,850
Total liabilities	11,612,743,978	-	3,416,371,024	870,421,491	11,230,734	582,107,600	3,341,221	20,915,541	16,517,131,589
Net position	(6,630,495,772)	9,946,269,671	344,265,956	333,320,610	34,130,065	123,791,476	121,160,799	247,801,151	4,520,243,956
The effect of derivatives held for risk management	19,889,617	-	(19,890,675)	-	-	-	-	-	(1,058)
Net position after derivatives held for risk management purposes	(6,610,606,155)	9,946,269,671	324,375,281	333,320,610	34,130,065	123,791,476	121,160,799	247,801,151	4,520,242,898

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Currency risk, continued

The following table shows the currency structure of assets and liabilities at 31 December 2019 (restated):

KZT'000	KZT	Gold	USD	EUR	JPY	SDR	GBP	Other	Total
ASSETS									
Cash on hand in foreign currency	-	-	112,273,640	988,928	7,191	-	48,738	49,229	113,367,726
Gold	-	7,230,140,962	-	-	-	-	-	-	7,230,140,962
Placements and loans with banks and other financial institutions	995,233,227	-	348,123,375	238,773,503	345,245,722	615,733,251	12,163,675	25,488,339	2,580,761,092
Financial instruments under management at fair value through profit or loss	699,588	-	366,846,541	128,506	880	-	39,249	118,426	367,833,190
Reverse repurchase agreements	145,868,206	-	-	-	-	-	-	-	145,868,206
Investment securities measured at fair value through other comprehensive income	1,342,960,273	-	1,393,929,217	290,440,230	12,466,502	-	100,071,220	137,385,785	3,277,253,227
Investment securities measured at amortised cost	907,699,125	-	119,012	-	-	-	-	77,974,390	985,792,527
Investments in associates	2,291,347	-	-	-	-	-	-	-	2,291,347
Other financial assets	266,686,099	-	-	37	-	-	-	-	266,686,136
Total assets	3,661,437,865	7,230,140,962	2,221,291,785	530,331,204	357,720,295	615,733,251	112,322,882	241,016,169	14,969,994,413

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Currency risk, continued

KZT'000	KZT	Gold	USD	EUR	JPY	SDR	GBP	Other	Total
LIABILITIES									
Currency in circulation	2,688,747,786	-	-	-	-	-	-	-	2,688,747,786
Deposits and balances from banks and other financial institutions	1,482,880,456	374	1,719,865,609	334,432,188	319,195,287	508,016,638	5,202,481	15,833,168	4,385,426,201
Financial instruments under management at fair value through profit or loss	-	-	454,304	55,696	47,114	-	16,281	360,820	934,215
Repurchase agreements	27,941,316	-	-	-	-	-	-	-	27,941,316
Current accounts of the National Fund of the Republic of Kazakhstan	724,730,007	-	-	-	-	-	-	-	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	394,704,948	-	70,527	-	-	-	-	2,759,949	397,535,424
Customer accounts	180,136,454	-	2,693,054	54,369	-	-	113	3,433	182,887,423
Debt securities issued	3,618,820,899	-	-	-	-	-	-	-	3,618,820,899
Estimated liabilities	33,162,428	-	-	-	-	-	-	-	33,162,428
Other financial liabilities	15,263,968	-	2,278,788	2,660	-	-	-	-	17,545,416
Total liabilities	9,166,388,262	374	1,725,362,282	334,544,913	319,242,401	508,016,638	5,218,875	18,957,370	12,077,731,115
Net position	(5,504,950,397)	7,230,140,588	495,929,503	195,786,291	38,477,894	107,716,613	107,104,007	222,058,799	2,892,263,298
The effect of derivatives held for risk management	39,706,245	-	(114,777,000)	114,810,767	-	-	-	(39,706,245)	33,767
Net position after derivatives held for risk management purposes	(5,465,244,152)	7,230,140,588	381,152,503	310,597,058	38,477,894	107,716,613	107,104,007	182,352,554	2,892,297,065

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2020**

37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Currency risk, continued

Management of the National Bank believes that, as at 31 December 2020, given the current economic conditions in Kazakhstan, fluctuation of exchange rate by 20% is a realistic movement in KZT exchange rates against US Dollar. This is the sensitivity rate used in the National Bank when reporting foreign currency risk internally to key management personnel of the National Bank and represents management's assessment of the possible change in foreign currency exchange rates. The sensitivity analysis includes only amounts in foreign currency as of the end of the period and adjusts their translation for appreciation and depreciation in currency rates as at 31 December 2020.

A weakening of the KZT, as indicated below, against the following currencies at 31 December 2020 and 2019, would have increased (decreased) equity by the amounts shown below. This analysis is based on foreign currency exchange rate variances that the National Bank considered to be reasonably possible at the end of the reporting period. The given level of sensitivity is used within the National Bank for preparation of report on currency risk to the key management of the National Bank. The analysis assumes that all other variables, in particular interest rates, remain constant.

	Equity KZT'000 2020	Equity KZT'000 2019
	(+20% / -20%)	(+20% / -20%)
Appreciation of USD against KZT	64,875,056	76,230,501
Depreciation of USD against KZT	(64,875,056)	(76,230,501)
Appreciation of EUR against KZT	66,664,122	62,119,412
Depreciation of EUR against KZT	(66,664,122)	(62,119,412)
Appreciation of Troy ounce of gold against KZT	1,989,253,934	1,446,028,118
Depreciation of Troy ounce of gold against KZT	(1,989,253,934)	(1,446,028,118)
Appreciation of JPY against KZT	6,826,013	7,695,579
Depreciation of JPY against KZT	(6,826,013)	(7,695,579)
Appreciation of GBP against KZT	24,232,160	21,420,801
Depreciation of GBP against KZT	(24,232,160)	(21,420,801)
Appreciation of SDR against KZT	24,758,295	21,543,323
Depreciation of SDR against KZT	(24,758,295)	(21,543,323)
Appreciation of other currencies against KZT	49,560,230	36,470,511
Depreciation of other currencies against KZT	(49,560,230)	(36,470,511)

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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED

Market risk, continued

Currency risk, continued

Limitations of sensitivity analysis

The above tables demonstrate the effect of a change of value of fixed-income financial instruments in a key assumption for change in tenge exchange rate, while other assumptions remain unchanged. In reality, a correlation may exist between the factors, for which the assumption is made, and other factors not accounted for in the analysis. It should also be noted that these sensitivities are non-linear, and larger or smaller impacts should not be interpolated or extrapolated from these results.

Other limitations of the sensitivity analysis include application of hypothetical movements in the market with the purpose of disclosure of the potential risks, which represent only expectations of the National Bank of the future changes in the market which cannot be predicted with sufficient level of assurance. A further limitation is the assumption that all interest rates change identically.

Other price risk

Other price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices (other than those arising from interest rate risk or currency risk), whether those changes are caused by factors specific to the individual financial instrument or its issuer, or factors affecting all similar financial instruments traded in the market. Other price risk arises when the National Bank takes a long or short position in a financial instrument.

An analysis of sensitivity of net profit or loss and equity to changes in securities prices (based on positions existing as at 31 December 2020 and 2019 and a simplified scenario of a 10% change in all securities prices) is as follows:

	2020		2019	
	Profit or loss KZT'000	Equity KZT'000	Profit or loss KZT'000	Equity KZT'000
10% increase in securities prices	63,252,523	75,549,603	36,639,102	76,952,615
10% decrease in securities prices	(63,252,523)	(75,549,603)	(36,639,102)	(76,952,615)

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED**Credit risk**

Credit risk is the risk of financial loss to the National Bank if a customer, issuer and/or counterparty to a financial instrument fails to meet its contractual obligations. The National Bank has policies and procedures for the management of credit exposures (both for recognised financial assets and unrecognised contractual commitments), including guidelines to limit portfolio concentration and implementing recommendations of the Investment Committee, and the Risk Committee, which are responsible for developing investment decisions. The credit risk management policy is reviewed and approved by the Management Board.

The National Bank's credit risk management policy establishes:

- Methodology for credit assessment calculation and determination of maximum risk limits on the National Bank's counterparties, clearing brokers and custodians;
- Procedures for ongoing monitoring and review of the risk limit of the National Bank's counterparties, clearing brokers and custodians.

The Department of Monetary Operations, based on a financial performance and financial position ratios analysis with use of international rating agencies' data, prepares information about new counterparties proposed to be included in the list of approved counterparties of the National Bank. The Investment Committee approves a new counterparty on the basis of this report.

The Department of Monetary Operations of the National Bank exercises daily monitoring of compliance with limits imposed on each individual counterparty, clearing broker and custodian. In addition to individual counterparty analysis, the Department of Monetary Operations monitors compliance of the credit ratings of financial instruments with the established limits.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED

Credit risk, continued

The maximum exposure to credit risk from financial assets at the reporting date is as follows:

	2020	2019
	KZT'000	KZT'000
ASSETS		
Gold	781,012,832	1,371,492,623
Placements and loans with banks and other financial institutions	4,630,905,561	2,580,761,092
Financial instruments under management at fair value through profit or loss	633,025,926	367,833,190
Reverse repurchase agreements	20,012,508	145,868,206
Investment securities measured at fair value through other comprehensive income	2,827,941,031	2,507,727,077
Investment securities measured at amortised cost	1,121,943,735	985,792,527
Other financial assets	973,217,684	266,686,136
Total maximum exposure	<u>10,988,059,277</u>	<u>8,226,160,851</u>

The maximum exposure to credit risk from unrecognised contractual commitments at the reporting date is presented in Note 38.

Offsetting financial assets and financial liabilities

The disclosures set out in the tables below include financial assets and financial liabilities that:

- are offset in the National Bank's consolidated 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 consolidated statement of financial position.

Similar agreements include derivative clearing agreements, global master repurchase agreements, and global master securities lending agreements. Similar financial instruments include derivatives, sales and repurchase agreements, reverse sale and repurchase agreements and securities borrowing and lending agreements.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED**Offsetting financial assets and financial liabilities, continued**

The National Bank's derivative transactions that are not transacted on the exchange are entered into under International Derivative Swaps and Dealers Association (ISDA) Master Netting Agreements. In general, under such agreements the amounts owed by each counterparty that are due on a single day in respect of transactions outstanding in the same currency under the agreement are aggregated into a single net amount payable by one party to the other. In certain circumstances, for example when a credit event such as a default occurs, all outstanding transactions under the agreement are terminated, the termination value is assessed, and only a single net amount is due or payable in settlement transactions.

The National Bank's sale and repurchase, reverse sale and repurchase transactions, and securities borrowings and lendings are covered by global master repurchase agreement (ISMA) or subject to eligibility criteria for Kazakhstan Stock Exchange membership.

The above ISDA and similar master netting arrangements do not meet the offsetting criteria in the consolidated statement of financial position. This is because they create a right of set-off of recognised amounts that is enforceable only following an event of default, insolvency or bankruptcy of the National Bank or the counterparties. In addition, the National Bank and its counterparties do not intend to settle on a net basis or to realise the assets and settle the liabilities simultaneously.

The National Bank provides and accepts collateral in the form of marketable securities in respect of the sales and repurchase agreements, reverse sale and repurchase agreements.

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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED

Offsetting financial assets and financial liabilities, continued

The table below shows financial assets and financial liabilities subject to enforceable master netting arrangements and similar arrangements as at 31 December 2020.

KZT'000

Types of financial assets/liabilities	Gross amounts of recognised financial asset/liability	Gross amount of recognised financial liability/asset offset in the consolidated statement of financial position	Net amount of financial assets/liabilities presented in the consolidated statement of financial position	Related amounts not offset in the consolidated statement of financial position		Net amount
				Financial instruments	Cash collateral received	
Reverse repurchase agreements	20,012,508	-	20,012,508	(19,121,142)	-	891,366
Investment securities measured at fair value through other comprehensive income	94,346,826	-	94,346,826	(94,346,826)	-	-
Total financial assets	114,359,334	-	114,359,334	(113,467,968)	-	891,366
Repurchase agreements	(100,597,147)	-	(100,597,147)	94,346,826	-	(6,250,321)
Total financial liabilities	(100,597,147)	-	(100,597,147)	94,346,826	-	(6,250,321)

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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED

Offsetting financial assets and financial liabilities, continued

The following table provides information on financial assets and financial liabilities subject to enforceable master netting arrangements and similar arrangements as at 31 December 2019.

KZT'000

Types of financial assets/liabilities	Gross amounts of recognised financial asset/liability	Gross amount of recognised financial liability/asset offset in the consolidated statement of financial position	Net amount of financial assets/liabilities presented in the consolidated statement of financial position	Related amounts not offset in the consolidated statement of financial position		Net amount
				Financial instruments	Cash collateral received	
Placements and loans with banks and other financial institutions	10,669,586	-	10,669,586	(10,669,586)	-	-
Reverse repurchase agreements	145,868,206	-	145,868,206	(145,868,206)	-	-
Investment securities measured at fair value through other comprehensive income	27,284,433	-	27,284,433	(27,284,433)	-	-
Total financial assets	183,822,225	-	183,822,225	(183,822,225)	-	-
Deposits and balances from banks and other financial institutions	(15,099,183)	-	(15,099,183)	10,669,586	-	(4,429,597)
Repurchase agreements	(27,941,316)	-	(27,941,316)	27,941,316	-	-
Total financial liabilities	(43,040,499)	-	(43,040,499)	38,610,902	-	(4,429,597)

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED

Offsetting financial assets and financial liabilities, continued

The gross amounts of financial assets and financial liabilities and their net amounts as presented in the consolidated statement of financial position that are disclosed in the above tables are measured in the consolidated statement of financial position on the following basis:

- assets and liabilities resulting from sale and repurchase agreements, reverse sale and repurchase agreements – amortised cost.

The table below reconciles the net amounts of financial assets and financial liabilities presented in the consolidated statement of financial position, as set out above, to the line items presented in the consolidated statement of financial position as at 31 December 2020.

KZT'000

Types of financial assets/liabilities	Net amount	Line item in the consolidated statement of financial position	Carrying amount in the consolidated statement of financial position	Financial asset/liability not in the scope of offsetting disclosure	Note
Reverse repurchase agreements	20,012,508	Reverse repurchase agreements	20,012,508	-	21
Investment securities measured at fair value through other comprehensive income	94,346,826	Investment securities measured at fair value through other comprehensive income	3,583,437,057	3,489,090,231	22
Repurchase agreements	(100,597,147)	Repurchase agreements	(100,597,147)	-	28

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Offsetting financial assets and financial liabilities, continued

The table below reconciles the net amounts of financial assets and financial liabilities presented in the consolidated statement of financial position, as set out above, to the line items presented in the consolidated statement of financial position as at 31 December 2019.

KZT'000

Types of financial assets/liabilities	Net amount	Line item in the consolidated statement of financial position	Carrying amount in the consolidated statement of financial position	Financial asset/liability not in the scope of offsetting disclosure	Note
Placements and loans with banks and other financial institutions	10,669,586	Placements and loans with banks and other financial institutions	2,580,761,092	2,570,091,506	19
Reverse repurchase agreements	145,868,206	Reverse repurchase agreements	145,868,206	-	21
Investment securities measured at fair value through other comprehensive income	27,284,433	Investment securities measured at fair value through other comprehensive income	3,277,253,227	3,249,968,794	22
Deposits and balances from banks and other financial institutions	(15,099,183)	Deposits and balances from banks and other financial institutions	(4,385,426,201)	(4,370,327,018)	27
Repurchase agreements	(27,941,316)	Repurchase agreements	(27,941,316)	-	28

Liquidity risk

Liquidity risk is the risk that the National Bank will encounter difficulty in meeting obligations associated with its financial liabilities that are settled by delivering cash. Liquidity risk exists when the maturities of assets and liabilities do not match. The matching and/or controlled mismatching of the maturities and interest rates of assets and liabilities is fundamental to liquidity management. It is unusual for financial institutions ever to be completely matched, since business transacted is often of an uncertain term and of different types. An unmatched position potentially enhances profitability but can also increase the risk of losses.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED**Liquidity risk, continued**

The National Bank maintains liquidity management with the objective of ensuring that funds will be available at all times to honour all cash flow obligations as they become due. The liquidity management regulation is reviewed and approved by the Management Board.

The National Bank seeks to actively support a diversified and stable funding base comprising debt securities in issue, long- and short-term loans from other banks, core corporate and retail customer deposits, accompanied by diversified portfolios of highly liquid assets, in order to be able to respond quickly and efficiently to unforeseen liquidity requirements.

Since the National Bank carries out the issue of national currency, the default risk on fulfilment its obligations in national currency is minimal, and the liquidity risk is more applicable for obligations denominated in foreign currency.

The National Bank's liquidity management policy requires:

- projecting cash flows by major currencies and taking into account the level of liquid assets necessary in relation thereto;
- maintaining a diverse range of funding sources;
- maintaining a portfolio of highly marketable assets that can easily be liquidated as protection against any interruption to cash flow (the "liquidity portfolio");
- developing contingency plans for maintaining liquidity and funding;
- monitoring liquidity ratios against regulatory requirements.

The Department of Monetary Operations based on information of the asset and liability liquidity performs analysis of the liquidity position. Afterwards, the Department of Monetary Operations maintains the liquidity level by purchasing highly liquid assets. To meet liquidity management goals the liquidity portfolio is invested to assets that can be sold at market price as soon as it possible if required.

According to the Investment Strategy of Gold and Foreign Exchange Reserves, the liquidity portfolio has to comply with the following parameters:

- duration of the liquidity portfolio should not exceed 1 year;
- base currency of the liquidity portfolio is USD;
- volume of liquidity portfolio should not fall below USD 1 billion inclusive of current liabilities with maturities of less than 5 (five) working days;
- volume of liquidity portfolio should not be less than the volume of payments on state external debt service for the next 6 months. This limitation is checked once in a calendar quarter (on the tenth working day of each quarter).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
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37. RISK MANAGEMENT, CONTINUED**Liquidity risk, continued**

If the market value of the liquidity portfolio does not comply with the given parameters, it is replenished as soon as practicable, but not later than 1 month of the observance of such non-compliance, or within a different period provided for by the decision of the Investment Committee of the National Bank.

The assets of the liquidity portfolio may be invested in cash currency, state (sovereign) debt securities of the countries with credit rating not lower than A- (Standard & Poor's) and/or A3 Moody's, agency debt securities, debt securities of international financial institutions with credit rating not lower than AAA (Standard & Poor's) and/or Aaa (Moody's), regional (municipal) debt securities of the countries with credit rating not lower than A- (Standard & Poor's) and/or A3 (Moody's), certificates of deposit (CD), commercial papers (CP) with short-term credit rating not lower than A - 1(Standard & Poor's) or P-1 (Moody's), deposits, forward transactions in fully convertible currencies with maturity of up to 1 month as part of hedging of foreign currency liabilities. The maximum term for the deposit should not exceed one month. The maximum term for the deposit should not exceed one month.

The assets of the liquidity portfolio are invested in freely convertible currencies, in the national currency of the People's Republic of China, as well as in the currencies of the countries of the Eurasian Economic Union.

If the volume of assets in liquidity portfolio, net of liabilities of the National Bank to the second-tier banks and other clients, is greater than zero, the portion of such USD-denominated assets makes up at least 70 (seventy) percent of that volume. In case of non-compliance with this criterion, the Department of Monetary Operations corrects the violation within 14 (fourteen) calendar days. If the volume of assets in liquidity portfolio, net of liabilities of the National Bank to the second-tier banks and other clients, is less than zero, the target portion of the USD-denominated assets in liquidity portfolio makes up 50 (fifty) percent of the USD-denominated liabilities.

The following tables show the undiscounted cash flows on financial liabilities on the basis of their earliest possible contractual maturity. The total gross inflow and outflow disclosed in the tables is the contractual, undiscounted cash flow on the financial liabilities.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Liquidity risk, continued

The maturity analysis for financial liabilities as at 31 December 2020 is as follows:

KZT'000	Demand and less than 1 month	From 1 to 3 months	From 3 to 6 months	From 6 to 12 months	More than 1 year	No maturity	Total gross amount inflow (outflow)	Carrying amount
Non-derivative financial liabilities								
Deposits and balances from banks and other financial institutions	6,043,098,662	345,339,063	231,614,789	127,227,353	-	582,517,441	7,329,797,308	7,328,415,884
Repurchase agreements	100,685,323	-	-	-	-	-	100,685,323	100,597,147
Current accounts of the National Fund of the Republic of Kazakhstan	441,555,267	-	-	-	-	-	441,555,267	441,555,267
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	1,432,356,023	-	-	-	-	-	1,432,356,023	1,432,152,238
Customer accounts	239,047,013	-	-	-	-	-	239,047,013	239,047,013
Debt securities issued	1,512,731,407	965,145,835	670,428,176	207,487,345	572,190,272	-	3,927,983,035	3,645,971,357
Estimated liabilities	53,056,189	-	-	-	-	-	53,056,189	53,056,189
Other financial liabilities	24,499,850	-	-	-	-	-	24,499,850	24,499,850
Derivative liabilities								
- Inflow	(36,871,389)	(103,127,515)	-	-	-	-	(139,998,904)	-
- Outflow	37,333,734	94,907,700	-	-	-	-	132,241,434	968,165
Total liabilities	9,847,492,079	1,302,265,083	902,042,965	334,714,698	572,190,272	582,517,441	13,541,222,538	13,266,263,110
Credit related commitments	367,450,597	-	-	-	-	-	367,450,597	367,450,597

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Liquidity risk, continued

The maturity analysis for financial liabilities as at 31 December 2019 is as follows:

KZT'000	Demand and less than 1 month	From 1 to 3 months	From 3 to 6 months	From 6 to 12 months	More than 1 year	No maturity	Total gross amount inflow (outflow)	Carrying amount
Non-derivative financial liabilities								
Deposits and balances from banks and other financial institutions	3,843,532,963	-	19,178,652	15,175,701	-	508,389,168	4,386,276,484	4,385,426,201
Repurchase agreements	27,966,572	-	-	-	-	-	27,966,572	27,941,316
Current accounts of the National Fund of the Republic of Kazakhstan	724,730,007	-	-	-	-	-	724,730,007	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	397,619,240	-	-	-	-	-	397,619,240	397,535,424
Customer accounts	182,887,423	-	-	-	-	-	182,887,423	182,887,423
Debt securities issued	1,276,290,281	784,790,104	719,724,715	785,596,952	138,016,000	-	3,704,418,052	3,618,820,899
Estimated liabilities	33,162,428	-	-	-	-	-	33,162,428	33,162,428
Other financial liabilities	17,545,416	-	-	-	-	-	17,545,416	17,545,416
Derivative liabilities								
- Inflow	(186,199,454)	-	-	-	-	-	(186,199,454)	-
- Outflow	218,708,528	-	-	-	-	-	218,708,528	934,215
Total liabilities	6,536,243,404	784,790,104	738,903,367	800,772,653	138,016,000	508,389,168	9,507,114,696	9,388,983,329
Credit related commitments	338,371,970	-	-	-	-	-	338,371,970	338,371,970

Management expects that the cash flows from certain financial liabilities will be different from their contractual terms either because management has the discretionary ability to manage the cash flows or because past experience indicates that cash flows will differ from contractual terms.

The gross nominal inflow/(outflow) disclosed in the tables above represent the contractual undiscounted cash flows relating to derivative financial liabilities held for risk management purposes. The disclosure shows a net amount for derivatives that are net settled, but a gross inflow and outflow amount for derivative liabilities that have simultaneous gross settlement (e.g., forward exchange contracts and currency swaps).

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NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
37. RISK MANAGEMENT, CONTINUED
Liquidity risk, continued

The table below shows an analysis, (by expected maturities), of the amounts recognised in the consolidated statement of financial position as at 31 December 2020:

KZT'000	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	From 1 to 5 years	Over 5 years	No maturity date	Total
ASSETS							
Cash on hand in foreign currency	122,879,854	-	-	-	-	-	122,879,854
Gold	452,881,456	300,653,693	47,759,093	-	-	9,144,975,429	9,946,269,671
Placements and loans with banks and other financial institutions	2,273,376,754	1,036,739	339,017,642	182,035,866	1,133,193,313	702,245,247	4,630,905,561
Financial instruments under management at fair value through profit or loss	238,403	262,297	-	-	-	632,525,226	633,025,926
Reverse repurchase agreements	20,012,508	-	-	-	-	-	20,012,508
Investment securities measured at fair value through other comprehensive income	10,759,438	79,204,450	464,319,894	1,436,825,989	826,601,763	765,725,523	3,583,437,057
Investment securities measured at amortised cost	-	14,481,523	153,462,063	184,163,170	769,836,979	-	1,121,943,735
Investments in associates	-	-	-	-	-	5,683,549	5,683,549
Other financial assets	17,296,978	3,654,579	424,659,212	102,605,021	425,001,894	-	973,217,684
Total assets	2,897,445,391	399,293,281	1,429,217,904	1,905,630,046	3,154,633,949	11,251,154,974	21,037,375,545

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Liquidity risk, continued

KZT'000	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	From 1 to 5 years	Over 5 years	No maturity date	Total
LIABILITIES							
Currency in circulation	-	-	-	-	-	3,250,868,479	3,250,868,479
Deposits and balances from banks and other financial institutions	6,042,127,080	345,339,063	358,842,141	-	-	582,107,600	7,328,415,884
Financial instruments under management at fair value through profit or loss	464,461	503,704	-	-	-	-	968,165
Repurchase agreements	100,597,147	-	-	-	-	-	100,597,147
Current accounts of the National Fund of the Republic of Kazakhstan	441,555,267	-	-	-	-	-	441,555,267
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	1,432,152,238	-	-	-	-	-	1,432,152,238
Customer accounts	239,047,013	-	-	-	-	-	239,047,013
Debt securities issued	1,417,890,747	940,779,240	728,229,532	331,206,463	227,865,375	-	3,645,971,357
Estimated liabilities	53,056,189	-	-	-	-	-	53,056,189
Other financial liabilities	24,499,850	-	-	-	-	-	24,499,850
Total liabilities	9,751,389,992	1,286,622,007	1,087,071,673	331,206,463	227,865,375	3,832,976,079	16,517,131,589
Net position	(6,853,944,601)	(887,328,726)	342,146,231	1,574,423,583	2,926,768,574	7,418,178,895	4,520,243,956

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Liquidity risk, continued

The table below shows an analysis, (by expected maturities), of the amounts recognised in the consolidated statement of financial position as at 31 December 2019:

KZT'000	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	From 1 to 5 years	Over 5 years	No maturity date	Total
ASSETS							
Cash on hand in foreign currency	113,367,726	-	-	-	-	-	113,367,726
Gold	829,088,387	60,817,232	490,065,051	-	-	5,850,170,292	7,230,140,962
Placements and loans with banks and other financial institutions	978,594,222	14,119,456	10,668,033	-	964,516,277	612,863,104	2,580,761,092
Financial instruments under management at fair value through profit or loss	265,385	1,176,790	-	-	-	366,391,015	367,833,190
Reverse repurchase agreements	86,147,299	59,720,907	-	-	-	-	145,868,206
Investment securities measured at fair value through other comprehensive income	29,437,133	85,604,284	132,016,880	1,550,807,912	705,037,864	774,349,154	3,277,253,227
Investment securities measured at amortised cost	-	9,332,144	51,160,867	292,218,462	633,081,054	-	985,792,527
Investments in associates	-	-	-	-	-	2,291,347	2,291,347
Other financial assets	15,046,712	138	13,065	3,883,358	247,742,863	-	266,686,136
Total assets	2,051,946,864	230,770,951	683,923,896	1,846,909,732	2,550,378,058	7,606,064,912	14,969,994,413

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

37. RISK MANAGEMENT, CONTINUED

Liquidity risk, continued

KZT'000	Demand and less than 1 month	From 1 to 3 months	From 3 to 12 months	From 1 to 5 years	Over 5 years	No maturity date	Total
LIABILITIES							
Currency in circulation	-	-	-	-	-	2,688,747,786	2,688,747,786
Deposits and balances from banks and other financial institutions	3,843,088,155	-	34,321,408	-	-	508,016,638	4,385,426,201
Financial instruments under management at fair value through profit or loss	228,195	706,020	-	-	-	-	934,215
Repurchase agreements	27,941,316	-	-	-	-	-	27,941,316
Current accounts of the National Fund of the Republic of Kazakhstan	724,730,007	-	-	-	-	-	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	397,535,424	-	-	-	-	-	397,535,424
Customer accounts	182,887,423	-	-	-	-	-	182,887,423
Debt securities issued	1,270,531,533	771,839,369	1,441,434,315	135,015,682	-	-	3,618,820,899
Estimated liabilities	33,162,428	-	-	-	-	-	33,162,428
Other financial liabilities	17,545,416	-	-	-	-	-	17,545,416
Total liabilities	6,497,649,897	772,545,389	1,475,755,723	135,015,682	-	3,196,764,424	12,077,731,115
Net position	(4,445,703,033)	(541,774,438)	(791,831,827)	1,711,894,050	2,550,378,058	4,409,300,488	2,892,263,298

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

38. CREDIT RELATED COMMITMENTS

The National Bank has outstanding credit related commitments to extend loans. These credit related commitments take the form of approved loans and overdraft facilities.

The National Bank provides financial guarantees and letters of credit to guarantee the performance of customers to third parties. These agreements have fixed limits and generally extend for a period of up to five years.

The contractual amounts of credit related commitments are set out in the following table by category. The amounts reflected in the table for credit related commitments assume that amounts are fully advanced. The amounts reflected in the table for guarantees and letters of credit represent the maximum accounting loss that would be recognised at the reporting date if the counterparties failed completely to perform as contracted.

	2020 KZT'000	2019 KZT'000
Contracted amount		
Investment commitments	362,390,222	337,305,007
Loan and credit line commitments	5,036,507	1,049,231
Guarantees an letters of credit	23,868	17,732
	367,450,597	338,371,970

All credit related commitments relate to Stage 1 of credit risk.

NIC NBK JSC implements the program of investments in alternative classes of assets through a special purpose companies and/or partnerships. As at 31 December 2020, they have payment liabilities of KZT 362,390,222 thousand to private equity funds and real estate funds (31 December 2019: KZT 37,305,007 thousand). These credit related commitments can be changed.

The total outstanding contractual commitments above do not necessarily represent future cash outflows, as these credit related commitments may expire or terminate without partial or complete fulfilment.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

39. CONTINGENT LIABILITIES**Insurance**

The insurance industry in the Republic of Kazakhstan is in a developing state and many forms of insurance protection common in other parts of the world are not yet generally available. The National Bank does not have full coverage for its plant facilities, business interruption, or third-party liability in respect of property or environmental damage arising from accidents on the National Bank's property or relating to the National Bank's operations. Until the National Bank obtains adequate insurance coverage, there is a risk that the loss or destruction of certain assets could have a material adverse effect on the National Bank's operations and financial position.

Litigation

Management is unaware of any significant actual, pending or threatened claims against the National Bank.

Taxation contingencies

The taxation system in the Republic of Kazakhstan is relatively new and is characterised by frequent changes in legislation, official pronouncements and court decisions, which are often unclear, contradictory and subject to varying interpretation by different tax authorities, including opinions with respect to IFRS treatment of revenues, expenses and other items in the financial statements. Taxes are subject to review and investigation by a number of authorities, which have the authority to impose severe fines, penalties and interest charges. A tax year generally remains open for review by the tax authorities for five subsequent calendar years; however, under certain circumstances a tax year may remain open longer.

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

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

40. FUNDS MANAGEMENT, TRUST AND CUSTODY ACTIVITIES**Funds management and trust management activities**

The National Bank provides trust and asset management services to trust companies, pension funds and other institutions, whereby it holds and manages assets or invests funds received in various financial instruments at the direction of the customer.

The National Bank receives fee income for providing these services. Trust assets are not assets of the National Bank and are not recognised in the consolidated statement of financial position. The National Bank is not exposed to any credit risk related to such placements, as it does not guarantee these investments.

As at 31 December 2020 the total amount of assets that the National Bank holds and manages for outside organisations is KZT 2,920,805,765 thousand (31 December 2019: KZT 3,005,069,993 thousand).

As at 31 December 2020 the total amount of assets that the National Bank holds and manages for the National Fund is KZT 25,886,664,948 thousand (31 December 2019: KZT 25,105,963,753 thousand). A portion of these funds is managed by external managers in accordance with the investment policies set by the NBK.

Custody activities

During 2020 and 2019 the National Bank provided custody services to UNPF JSC. As at 31 December 2020 the total amount of assets of UNPF JSC under the custodial service of the National Bank equals to KZT 12,894,602,814 thousand (31 December 2019: KZT 10,798,305,943 thousand).

Assets of depositors

On 26 November 2012 the NBK acquired shares of Central Securities Depository JSC (the “Central Depository”), which performs the accounting of financial instruments and money of their clients. Accounting for financial instruments and money of the Central Depository’s clients is performed separately from its own financial instruments and money on off balance sheet accounts.

As at 31 December 2020 the total amount of financial instruments and money in nominal holding and bank accounts of depositors in the Central Depository is KZT 85,932,691,243 thousand (31 December 2019: KZT 66,944,975,992 thousand).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

41. RELATED PARTY TRANSACTIONS

Transactions with members of the Board of Directors and the Management Board

The remuneration to the members of the National Bank's Management Board and the Board of Directors for the year ended 31 December 2020, comprised KZT 862,149 thousand (2019: KZT 826,770 thousand). The remuneration consists of salary and other payments.

Transactions with other related parties

The outstanding balances and the related average interest rates as at 31 December 2020 and 31 December 2019 and related profit or loss amounts of transactions for the years then ended with other related parties are as follows:

	State companies and organisations			
	31 December 2020		Restated 31 December 2019	
	KZT'000	Average effective interest rate, %	KZT'000	Average effective interest rate, %
Consolidated Statement of Financial Position				
ASSETS				
Gold	19,652,137	-	-	-
Placements and loans with banks and other financial institutions	885,095,436	6.06	451,256,947	8.86
Reverse repurchase agreements	20,012,508	10.00	73,020,506	10.25
Investment securities at FVOCI:				
Equity securities	750,000,000	-	750,000,000	-
Debt securities	547,448,409	8.18	592,960,274	8.16
Investment securities measured at amortised cost	830,710,297	8.39	720,876,946	8.05
Current tax asset	2,481,329	-	1,157,892	-
Deferred tax assets	325,613,503	-	234,344,611	-
Other assets	8,746,582	-	13,475,343	-

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

41. RELATED PARTY TRANSACTIONS, CONTINUED

Transactions with other related parties, continued

	State companies and organisations			
	31 December 2020		Restated 31 December 2019	
	KZT'000	Average effective interest rate, %	KZT'000	Average effective interest rate, %
LIABILITIES				
Deposits and balances from banks and other financial institutions	807,474,455	5.36	704,194,880	6.16
Repurchase agreements	100,597,147	8.00	27,941,316	8.25
Current accounts of the National Fund of the Republic of Kazakhstan	441,555,267	-	724,730,007	-
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	1,432,152,238	0.17	397,535,424	0.25
Customer accounts	237,851,911	-	178,723,600	-
Current tax liability	166	-	146	-
Deferred tax liabilities	2,406,637	-	2,483,478	-
Other liabilities	6,413,823	-	6,475,662	-

	State companies and organisations	
	2020	Restated 2019
	KZT'000	KZT'000
Consolidated statement of profit or loss		
Interest income calculated using the effective interest method	156,173,752	187,413,373
Interest expense	(51,092,967)	(50,856,002)
Fee and commission income	19,016,099	20,305,694
Fee and commission expense	(529,150)	(1,157,734)
Net gain on financial instruments measured at fair value through other comprehensive income	7,826,628	3,542,634
Other operating income/(expense), net	824,688	(27,055)
Banknotes and coins production expenses	(110,256)	(35,892)
Personnel expenses	(1,324,090)	(1,694,622)
Other general administrative expenses payments	(2,348,853)	(2,144,825)
Income tax benefit	89,716,100	120,925,766

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS

Accounting classifications and fair values

The table below sets out the carrying amounts and fair values of financial assets and financial liabilities as at 31 December 2020:

KZT'000	Measured at fair value under Accounting Policy (Note 2)	Measured at FVTPL	FVOCI (debt)	FVOCI (equity)	Other at amortised cost	Total carrying amount	Fair value
ASSETS							
Cash on hand in foreign currency	-	-	-	-	122,879,854	122,879,854	122,879,854
Gold	9,946,269,671	-	-	-	-	9,946,269,671	9,946,269,671
Placements and loans with banks and other financial institutions	-	292,215,561	-	-	4,338,690,000	4,630,905,561	4,630,905,561
Financial instruments under management at fair value through profit or loss	-	633,025,926	-	-	-	633,025,926	633,025,926
Reverse repurchase agreements	-	-	-	-	20,012,508	20,012,508	19,121,142
Investment securities measured at fair value through other comprehensive income	-	-	2,827,941,030	5,496,027	-	2,833,437,057	2,833,437,057
Investment securities measured at amortised cost	-	-	-	-	1,121,943,735	1,121,943,735	1,011,484,991
Other financial assets	-	-	-	-	973,217,684	973,217,684	973,217,684
	9,946,269,671	925,241,487	2,827,941,030	5,496,027	6,576,743,781	20,281,691,996	20,170,341,886

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED

Accounting classifications and fair values, continued

KZT'000	Measured at FVTPL	Other at amortised cost	Total carrying amount	Fair value
LIABILITIES				
Currency in circulation	-	3,250,868,479	3,250,868,479	3,250,868,479
Deposits and balances from banks and other financial institutions	-	7,328,415,884	7,328,415,884	7,328,415,884
Financial instruments under management at fair value through profit or loss	968,165	-	968,165	968,165
Repurchase agreements	-	100,597,147	100,597,147	94,346,826
Current accounts of the National Fund of the Republic of Kazakhstan	-	441,555,267	441,555,267	441,555,267
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	-	1,432,152,238	1,432,152,238	1,432,152,238
Customer accounts	-	239,047,013	239,047,013	239,047,013
Debt securities issued	-	3,645,971,357	3,645,971,357	3,652,035,740
Estimated liabilities	-	53,056,189	53,056,189	53,056,189
Other financial liabilities	-	24,499,850	24,499,850	24,499,850
	968,165	16,516,163,424	16,517,131,589	16,516,945,651

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED

Accounting classifications and fair values, continued

The table below sets out the carrying amounts and fair values of financial assets and financial liabilities as at 31 December 2019:

KZT'000	Measured at fair value under Accounting Policy (Note 2)	Measured at FVTPL	FVOCI (debt)	FVOCI (equity)	Other at amortised cost	Total carrying amount	Fair value
ASSETS							
Cash on hand in foreign currency	-	-	-	-	113,367,726	113,367,726	113,367,726
Gold	7,230,140,962	-	-	-	-	7,230,140,962	7,230,140,962
Placements and loans with banks and other financial institutions	-	370,283,443	-	-	2,199,808,063	2,570,091,506	2,570,091,506
Financial instruments under management at fair value through profit or loss	-	367,833,190	-	-	-	367,833,190	367,833,190
Reverse repurchase agreements	-	-	-	-	145,868,206	145,868,206	146,683,539
Investment securities measured at fair value through other comprehensive income	-	-	2,507,727,077	19,526,150	-	2,527,253,227	2,527,253,227
Investment securities measured at amortised cost	-	-	-	-	985,792,527	985,792,527	946,757,595
Other financial assets	-	-	-	-	266,686,136	266,686,136	266,686,136
	7,230,140,962	738,116,633	2,507,727,077	19,526,150	3,711,522,658	14,207,033,480	14,168,813,881

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED

Accounting classifications and fair values, continued

KZT'000	Measured at FVTPL	Other at amortised cost	Total carrying amount	Fair value
LIABILITIES				
Currency in circulation	-	2,688,747,786	2,688,747,786	2,688,747,786
Deposits and balances from banks and other financial institutions	-	4,370,327,018	4,370,327,018	4,370,327,018
Financial instruments under management at fair value through profit or loss	934,215	-	934,215	934,215
Repurchase agreements	-	27,941,316	27,941,316	27,284,433
Current accounts of the National Fund of the Republic of Kazakhstan	-	724,730,007	724,730,007	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	-	397,535,424	397,535,424	397,535,424
Customer accounts	-	182,887,423	182,887,423	182,887,423
Debt securities issued	-	3,618,820,899	3,618,820,899	3,628,200,507
Estimated liabilities	-	33,162,428	33,162,428	33,162,428
Other financial liabilities	-	17,545,416	17,545,416	17,545,416
	934,215	12,061,697,717	12,062,631,932	12,071,354,657

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020****42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED****Accounting classifications and fair values, continued**

The estimates of fair value are intended to approximate the price that would be received to sell an asset or paid to transfer a liability in an ordinary transaction between market participants at the measurement date.

However, given the uncertainties and the use of subjective judgment, the fair value should not be interpreted as being realisable in an immediate sale of the assets or settlement of liabilities.

Fair values of financial assets and financial liabilities that are traded in active markets are based on quoted market prices or dealer price quotations. For all other financial instruments, the National Bank determines fair values using other valuation techniques.

The objective of valuation techniques is to arrive at a fair value determination that reflects the price that would be received to sell the asset or paid to transfer the liability in an orderly transaction between market participants at the measurement date.

Valuation techniques include net present value and discounted cash flow models, comparison to similar instruments for which market-observable prices exist and other valuation models. Assumptions and inputs used in valuation techniques include risk-free and benchmark interest rates, credit spreads and other premia used in estimating discount rates, bond and equity prices, foreign currency exchange rates, equity and equity index prices and expected price volatilities and correlations. The objective of valuation techniques is to arrive at a fair value determination that reflects the price of the financial instrument at the reporting date that would have been determined by market participants acting at arm's length.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED**Accounting classifications and fair values, continued**

The National Bank uses widely recognised valuation models for determining the fair value of common and more simple financial instruments, like interest rate and currency swaps that use only observable market data and require little management judgment and estimation. Observable prices and model inputs are usually available in the market for listed debt and equity securities, exchange traded derivatives and simple over the counter derivatives like interest rate swaps.

As at 31 December 2020 and 2019 fair value of investments in hedge funds and private equity funds is based on net assets value provided by Independent Administrator and/or Managing Director.

As disclosed in Note 22, the fair value of unquoted equity securities measured through other comprehensive income with a carrying value of KZT 750,000,000 thousand (2019: KZT 750,000,000 thousand) cannot be determined.

Fair value of swap deals was not determined as they were accounted for not as derivatives but as “deposits and balances with banks and other financial institutions” and “deposits and balances from banks and other financial institutions” (Notes 19 and 27) and were measured at their nominal value in accordance with the Basis of Preparation (Note 2).

As at 31 December 2020 there were no asset and liability parts of swap deals (31 December 2019: KZT 10,669,586 thousand and KZT 15,099,183 thousand, respectively).

Fair value hierarchy

The National Bank measures fair values using the following fair value hierarchy, which reflects the significance of the inputs used in making the measurements:

- Level 1: quoted market price (unadjusted) in an active market for an identical instrument.

- Level 2: inputs other than quotes prices included within Level 1 that are observable either directly (i.e., as prices) or indirectly (i.e., derived from prices). This category includes instruments valued using: quoted market prices in active markets for similar instruments; quoted prices for similar instruments in markets that are considered less than active; or other valuation techniques where all significant inputs are directly or indirectly observable from market data.

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED

Fair value hierarchy, continued

- Level 3: inputs that are unobservable. This category includes all instruments where the valuation technique includes inputs not based on observable data and the unobservable inputs have a significant effect on the instrument's valuation. This category includes instruments that are valued based on quoted prices for similar instruments where significant unobservable adjustments or assumptions are required to reflect differences between the instruments.

The table below analyses financial instruments measured at fair value at 31 December 2020 and 31 December 2019, by the level in the fair value hierarchy into which the fair value measurement is categorised. The amounts are based on the values recognised in the consolidated statement of financial position.

31 December 2020 '000 KZT	Level 1	Level 2	Level 3	Total
Gold	9,946,269,671	-	-	9,946,269,671
Placements and loans with banks and other financial institutions	-	292,215,561	-	292,215,561
Financial instruments under management at fair value through profit or loss				
- Derivative assets	500,700	-	-	500,700
- Equity investments	-	179,299,439	453,225,787	632,525,226
- Derivative liabilities	(967,107)	(1,058)	-	(968,165)
Investment securities measured at fair value through other comprehensive income				
- Debt and other fixed-income instruments	2,280,492,622	547,448,409	-	2,827,941,031
- Equity investments	5,496,027	-	-	5,496,027
	<u>12,231,791,913</u>	<u>1,018,962,351</u>	<u>453,225,787</u>	<u>13,703,980,051</u>

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NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED
Fair value hierarchy, continued
31 December 2019

KZT'000	Level 1	Level 2	Level 3	Total
Gold	7,230,140,962	-	-	7,230,140,962
Placements and loans with banks and other financial institutions	-	370,283,443	-	370,283,443
Financial instruments under management at fair value through profit or loss				
- Derivative assets	692,865	749,310	-	1,442,175
- Equity investments	-	132,364,075	234,026,940	366,391,015
- Derivative liabilities	(755,824)	(178,391)	-	(934,215)
Investment securities measured at fair value through other comprehensive income				
- Debt and other fixed-income instruments	1,914,252,542	593,474,535	-	2,507,727,077
- Equity investments	19,526,150	-	-	19,526,150
	9,163,856,695	1,096,692,972	234,026,940	10,494,576,607

The table below analyses financial instruments categorised to Level 3 in the fair value hierarchy as at 31 December 2020 and 31 December 2019.

	2020	2019
	KZT'000	KZT'000
Fair value at the beginning of the year	234,026,940	120,839,180
Deposits	132,399,917	105,054,608
Payments	(27,069,972)	(10,460,972)
Gain recognised through profit or loss	85,828,787	19,155,658
Revaluation reserve for foreign currency	28,040,115	(561,534)
Fair value at the end of the year	453,225,787	234,026,940

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020**

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED**Fair value hierarchy, continued**

The National Bank's investments in equity investments, which are under management of NIC NBK JSC, categorised as Level 3 comprise holdings in investment private equity funds and real estate funds. These funds comprise investments in the funds and co-investments with the funds through the structure of the fund of funds made to accumulate the investors' funds to invest the share capital or securities of the invested companies (private equity funds) and investment in the funds through the structure of the fund of funds made to earn income from rent payment and/or increase cost of real estate (real estate funds). To consolidate the fair value of the National Bank's holdings in these investment funds as at 31 December 2020 and 31 December 2019, the National Bank used reports prepared by independent administrators and/or managers of funds. The approach followed by independent administrators and/or managers was to estimate the fair value of the underlying portfolio investments held by each fund. As a cross check, administrators and managers also review fair values of investments as reported by each of the funds, and assesses the basis for material differences between the appraised fair value and fair values reported by the managers.

A number of valuation techniques, including financial models based on the last deals' prices, earnings coefficients and discounted cash flows, were used by independent administrators and/or managers to value the underlying portfolio investments, depending on the nature of the business concerned, the availability of market comparables, and the stage in the business's life cycle.

As at 31 December 2020 if the quotes for financial instruments would be 1% lower, the effect on profit or loss would be a decrease in the fair value of KZT 4,532,258 thousand (31 December: KZT 2,340,269 thousand).

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020
42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED
Fair value hierarchy, continued

The following table analyses the fair value of financial instruments not measured at fair value, by levels of the fair value hierarchy into which each fair value measurement is categorised as at 31 December 2020:

KZT'000	Level 1	Level 2	Total fair values	Total carrying amount
ASSETS				
Cash on hand in foreign currency	-	122,879,854	122,879,854	122,879,854
Placements and loans with banks and other financial institutions	-	4,338,690,000	4,338,690,000	4,338,690,000
Reverse repurchase agreements	-	19,121,142	19,121,142	20,012,508
Investment securities measured at amortised cost	158,758,928	852,726,063	1,011,484,991	1,121,943,735
Other financial assets	-	973,217,684	973,217,684	973,217,684
LIABILITIES				
Currency in circulation	-	3,250,868,479	3,250,868,479	3,250,868,479
Deposits and balances from banks and other financial institutions	-	7,328,415,884	7,328,415,884	7,328,415,884
Repurchase agreements	-	100,597,147	100,597,147	100,597,147
Current accounts of the National Fund of the Republic of Kazakhstan	-	441,555,267	441,555,267	441,555,267
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	-	1,432,152,238	1,432,152,238	1,432,152,238
Customer accounts	-	239,047,013	239,047,013	239,047,013
Debt securities issued	-	3,652,035,740	3,652,035,740	3,645,971,357
Estimated liabilities	-	53,056,189	53,056,189	53,056,189
Other financial liabilities	-	24,499,850	24,499,850	24,499,850

NATIONAL BANK OF THE REPUBLIC OF KAZAKHSTAN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

42. FINANCIAL ASSETS AND LIABILITIES: FAIR VALUES AND ACCOUNTING CLASSIFICATIONS, CONTINUED

Fair value hierarchy, continued

The following table analyses the fair value of financial instruments not measured at fair value, by the level in the fair value hierarchy into which each fair value measurement is categorised as at 31 December 2019:

KZT'000	Level 1	Level 2	Total fair values	Total carrying amount
ASSETS				
Cash on hand in foreign currency	-	113,367,726	113,367,726	113,367,726
Placements and loans with banks and other financial institutions	-	2,199,808,063	2,199,808,063	2,199,808,063
Reverse repurchase agreements	-	146,683,539	146,683,539	145,868,206
Investment securities measured at amortised cost	237,082,002	709,675,593	946,757,595	985,792,527
Other financial assets	-	266,686,136	266,686,136	266,686,136
LIABILITIES				
Currency in circulation	-	2,688,747,786	2,688,747,786	2,688,747,786
Deposits and balances from banks and other financial institutions	-	4,370,327,018	4,370,327,018	4,370,327,018
Repurchase agreements	-	27,284,433	27,284,433	27,941,316
Current accounts of the National Fund of the Republic of Kazakhstan	-	724,730,007	724,730,007	724,730,007
Current accounts of the Ministry of Finance of the Republic of Kazakhstan	-	397,535,424	397,535,424	397,535,424
Customer accounts	-	182,887,423	182,887,423	182,887,423
Debt securities issued	-	3,628,200,507	3,628,200,507	3,618,820,899
Estimated liabilities	-	33,162,428	33,162,428	33,162,428
Other financial liabilities	-	17,545,416	17,545,416	17,545,416